DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

18 November 2021

Colonel Jason F. Vattioni, USAF
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Mr. Frederic Shean
Hazardous Waste Bureau (HWB) Chief
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Dear Mr. Shean

Attached, please find the *Periodic Monitoring Report for April-June 2021 for the Bulk Fuels Facility, Solid Waste Management Units ST-106/SS-111, Kirtland Air Force Base, New Mexico,* dated November 2021. This report summarizes soil vapor monitoring, groundwater monitoring, and interim measure activities associated with the distal plume capture and treatment system at Solid Waste Management Units ST-106/SS-111.

If you have any questions or concerns, please contact Mr. Ryan Wortman at commercial line (505) 853-3484 or email ryan.wortman.3@us.af.mil.

Sincerely

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JASON F. VATTIONI, Colonel, USAF
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Attachment:
Periodic Monitoring Report for April-June 2021, Bulk Fuels Facility, Solid Waste Management Units ST-106/SS-111, Kirtland Air Force Base, New Mexico, dated November 2021

cc:
NMED Resource Protection Division (Catechis), letter and CD
NMED HWB (Maestas, Andress), 2 Hard Copies/2 CDs
NMED-HWB (Cobrain, Wear), letter and CD
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KIRTLAND AIR FORCE BASE
ALBUQUERQUE, NEW MEXICO

PERIODIC MONITORING REPORT – APRIL–JUNE 2021
BULK FUELS FACILITY
SOLID WASTE MANAGEMENT UNITS ST-106/SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO

NOVEMBER 2021

377 MSG/CEI
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KIRTLAND AIR FORCE BASE
ALBUQUERQUE, NEW MEXICO

Periodic Monitoring Report – April–June 2021
Bulk Fuels Facility
Solid Waste Management Units ST-106/SS-111
Kirtland Air Force Base, New Mexico

November 2021

Prepared for
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2050 Wyoming Boulevard SE
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U.S. Army Corps of Engineers Contract No. W912PP20C0020

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14. ABSTRACT

This Periodic Monitoring Report was prepared in accordance with Part 6.2.4.4 of the Kirtland Air Force Base (AFB) Resource Conservation and Recovery Act (RCRA) Hazardous Waste Treatment Facility Operating Permit (Permit Number NM9570024423 [RCRA Permit]) (New Mexico Environment Department, 2010). This report describes monitoring activities performed from April 1 through June 30, 2021, at Solid Waste Management Units ST-106/SS-111, the Bulk Fuels Facility site, at Kirtland AFB, New Mexico. During this quarter, soil vapor, groundwater, drinking water from supply wells, and the groundwater treatment system (GWTS) samples were collected and analyzed for contaminants of potential concern, notably 1,2-dibromoethane (ethylene dibromide [EDB]), and other relevant field and laboratory parameters in accordance with the applicable provisions in Part 6.5 of the RCRA Permit. In this quarter, 68,538,600 gallons of groundwater were extracted and treated in the GWTS using a granular activated carbon filtration system; the treated effluent was discharged to the Tijeras Arroyo Golf Course main pond and injection wells KAFB-7 and KAFB-106IN2. During this quarter, the GWTS was operational for 97.9 percent of the time and removed approximately 1.18 grams of EDB. The Q2 2021 performance assessment showed the GWTS had hydraulically captured 97–100 percent of the initial Target Capture Zone dissolved-phase EDB volume and mass. The performance assessment indicated the GWTS had vertically captured 100 percent of the dissolved-phase EDB volume and mass.

15. SUBJECT TERMS

Bulk Fuels Facility, Solid Waste Management Units ST-106/SS-111, ethylene dibromide, 1,2-dibromoethane, EDB, interim measure, RCRA, groundwater sampling, groundwater treatment system operation, granular activated carbon

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JASON F. VATTIONI, Colonel, U.S. Air Force
Commander, 377th Air Base Wing

18-Nov-21
Date

This document has been approved for public release.

KIRTLAND AIR FORCE BASE
377th Air Base Wing Public Affairs

22 Nov 21
Date

PREFACE

This Periodic Monitoring Report for April–June 2021 has been prepared by EA Engineering, Science, and Technology, Inc., PBC (EA) for Kirtland Air Force Base (AFB) under the U.S. Army Corps of Engineers Contract Number W912PP-20-C-0020. The report addresses activities at the Kirtland AFB Bulk Fuels Facility, Solid Waste Management Units ST-106/SS-111, located in Albuquerque, New Mexico.

The report contains data collected by EA as well as by other entities/sources that are not under EA's direct control (collectively called "non-EA Data"). All non-EA data reported herein are displayed in the form in which they were received from their source entity, and EA assumes no liability for its accuracy.

This report was prepared in accordance with applicable federal, state, and local laws and regulations, including the New Mexico Hazardous Waste Act, New Mexico Statutes Annotated 1978, New Mexico Hazardous Waste Management Regulations, Resource Conservation and Recovery Act, and regulatory correspondence between the New Mexico Environment Department Hazardous Waste Bureau and the U.S. Air Force, dated March 25 and May 20, 2016. The work presented in this report was conducted in accordance with Kirtland AFB's Hazardous Waste Treatment Facility Operating Permit Number NM9570024423 and the Class V Underground Injection Well Discharge Permit Number 1839, both issued by the New Mexico Environment Department.

Monitoring of soil vapor, groundwater, and drinking water and operation of the groundwater treatment system were conducted from April 1 through June 30, 2021.

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LIST OF ACRONYMS AND ABBREVIATIONS

µg/m^3	microgram(s) per cubic meter
µg/L	microgram(s) per liter
3D	three-dimensional
AFB	Air Force Base
AOI	area of interest
BFF	Bulk Fuels Facility
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CFR	Code of Federal Regulations
CO_2	carbon dioxide
DoD	Department of Defense
DP	Discharge Permit
EDB	1,2-dibromoethane (ethylene dibromide)
EPA	U.S. Environmental Protection Agency
ft	foot (feet)
GAC	granular activated carbon
GCMP	Golf Course main pond
gpm	gallon(s) per minute
GWM	groundwater monitoring
GWTS	groundwater treatment system
HC	hydrocarbon
Horiba	Horiba MEXA-584L auto emissions analyzer
IDW	investigation-derived waste
IM	Interim Measure
IMOA	Interim Measure Operational Area
LNAPL	light non-aqueous phase liquid
LOD	limit of detection
LOQ	limit of quantitation
MCL	maximum contaminant level
mg/L	milligram(s) per liter
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
No.	number
NOD	Notice of Deficiency

O&M	operation and maintenance
O_2	oxygen
ppb	part(s) per billion
ppmv	part(s) per million by volume
psi	pound(s) per square inch
Q1	first quarter of the year, January 1 through March 31
Q2	second quarter of the year, April 1 through June 30
Q3	third quarter of the year, July 1 through September 30
Q4	fourth quarter of the year, October 1 through December 31
QAPP	Quality Assurance Project Plan
QSM	Quality Systems Manual
RCRA	Resource Conservation and Recovery Act
RCRA Permit	Hazardous Waste Treatment Facility Operating Permit Number NM9570024423
REI	reference elevation interval
SE	Southeast
Sundance	Sundance Consulting, Inc.
SVM	soil vapor monitoring
SVMP	soil vapor monitoring point
SWMU	Solid Waste Management Unit
TCZ	Target Capture Zone
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
VA	Veterans Affairs
VFD	variable frequency drive
VISL	vapor intrusion screening level
VOC	volatile organic compound
WQCC	Water Quality Control Commission

EXECUTIVE SUMMARY

The monitoring and interim measure of the Kirtland Air Force Base (AFB) Bulk Fuels Facility release (Solid Waste Management Units ST-106/SS-111) are being implemented pursuant to the Resource Conservation and Recovery Act (RCRA) corrective action provisions in Part 6 of Kirtland AFB's Hazardous Waste Treatment Facility Operating Permit Number (No.) NM9570024423 [RCRA Permit]) (New Mexico Environment Department [NMED], 2010). This Periodic Monitoring Report was prepared in accordance with Parts 6.2.4.1 and 6.2.4.4 of the RCRA Permit, Class V Underground Injection Well Discharge Permit No. 1839 (NMED, 2017a), and NMED General Reporting Guidelines (NMED, 2020a). This report summarizes the activities performed for the second quarter (Q2) of 2021, from April 1 through June 30. These activities include semiannual soil vapor monitoring, quarterly groundwater monitoring, monthly drinking water supply well sampling, and evaluation of the dissolved-phase 1,2-dibromoethane (ethylene dibromide [EDB]) groundwater pump-and-treat interim measure.

In Q2 2021, 299 soil vapor monitoring wells were sampled. Consistent with previous quarters, the highest EDB, benzene, and hydrocarbon concentrations were detected on Kirtland AFB within the source area at and below the depth of 50 feet (ft) below ground surface. Samples collected from soil vapor monitoring points within the 25-ft horizon were screened against the NMED residential soil gas vapor intrusion screening levels (VISL). Benzene and EDB concentrations were below the respective residential soil gas VISL at all soil vapor monitoring points screened in this horizon both on-Base and off-Base.

In Q2 2021, 167 groundwater monitoring wells were sampled. Consistent with previous quarters, the highest EDB and benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations were detected on Kirtland AFB in samples from wells located in the source area. Within the source area plume south of Ridgecrest Drive Southeast (SE), the footprints of the EDB and BTEX plumes have remained stable over time. The plume boundaries are well defined in three dimensions based on samples collected from monitoring wells screened at varying depths across the network.

Sentinel wells are located between the contaminated groundwater plume and nearby production wells owned and operated by Kirtland AFB, the Albuquerque Bernalillo County Water Utility Authority, and the Raymond G. Murphy Veterans Affairs (VA) Medical Center. These wells serve as an early warning system to assess potential contaminant migration toward production wells and were sampled during Q2 2021. Neither EDB nor BTEX were detected in samples collected from the sentinel wells. Additionally, two Kirtland AFB drinking water supply wells (KAFB-003 and KAFB-015) and the VA drinking water supply well (ST106-VA-2) were sampled monthly during Q2 2021. Kirtland AFB drinking water supply well KAFB-016 was only sampled in April since it was down for maintenance in May and June. Neither EDB nor BTEX was detected in the samples collected from these wells.

Depths to groundwater were gauged in 172 groundwater monitoring wells during Q2 2021. Groundwater elevations ranged from 4874.35 to 4877.64 ft above mean sea level, an average of approximately 460 ft below ground surface. Water levels rose an average of 1.25 ft between Q4 2020 and Q2 2021. Light non-aqueous phase liquid (LNAPL) was detected and measured in five of these wells, KAFB-106005, KAFB-106059, KAFB-106076, KAFB-106150-484, and KAFB-106154-484, all of which are located on Kirtland AFB within the source area plume. The location and thickness of LNAPL was consistent with previous measurements, with thickness ranging from 0.01 ft in KAFB-106005, KAFB-106059, and KAFB-106076 to 0.39 ft in KAFB-106150-484. The extent of LNAPL was delineated in Q2 2021 as confirmed by 16 wells whose screens were not submerged (i.e., screens intersected the water table) and did not contain LNAPL.

As part of the groundwater treatment interim measure, groundwater pumped from four extraction wells (KAFB-106228, KAFB-106233, KAFB-106234, and KAFB-106239) located within the dissolved-phase EDB plume was treated at the groundwater treatment system (GWTS) located on Kirtland AFB. GWTS influent during Q2 2021 had concentrations of EDB below the U.S. Environmental Protection Agency Maximum Contaminant Level of 0.05 micrograms per liter, and BTEX was not detected. The influent was filtered through two treatment trains containing granular activated carbon that removed EDB. EDB was not detected in samples collected from the GWTS effluent.

During this quarter, the GWTS ran for 97.9 percent of the time, treated 68,538,600 gallons of groundwater, and removed an estimated 1.18 grams of EDB. The treated groundwater was then pumped to be discharged into the lined main pond at the Kirtland AFB Tijeras Arroyo Golf Course (50,947,000 gallons) or to be gravity-fed into injection wells KAFB-7 (7,267,900 gallons) and KAFB-106IN2 (10,323,700 gallons).

Analysis of the data indicates that the mass of EDB has decreased significantly since the interim measure began in the fourth quarter of 2016. As of April 2021, only 4.8 grams of EDB remain to be remediated within the target capture zone. This means that a 95 percent decrease in plume mass has occurred since the interim measure began operations approximately 4 years ago. In general, the analysis shows that the interim measure has collapsed the EDB plume, with part of the remaining mass of EDB north of Ridgecrest Drive SE being either centered around interim measure extraction well KAFB-106228 or just north of Ridgecrest Drive SE as an extension of the source area plume. Overall, the plume analysis suggests that the GWTS is successfully capturing and removing the dissolved-phase EDB mass.

1. INTRODUCTION

The monitoring and interim measure of the Kirtland Air Force Base (AFB) Bulk Fuels Facility (BFF) release (Solid Waste Management Units [SWMUs] ST-106/SS-111) are being implemented pursuant to the Resource Conservation and Recovery Act (RCRA) corrective action provisions in Part 6 of Kirtland AFB's Hazardous Waste Treatment Facility Operating Permit Number (No.) NM9570024423 [RCRA Permit] (New Mexico Environment Department [NMED], 2010).

This Periodic Monitoring Report was prepared in accordance with Parts 6.2.4.1, Quarterly Reporting, and 6.2.4.4, Periodic Monitoring Reports, of the RCRA Permit and presents data gathered during second quarter (Q2) 2021 operations. The reporting schedule is provided in the Work Plan for BFF Expansion of the Dissolved-Phase Plume Groundwater Treatment System (GWTS) Design (Kirtland AFB, 2017a). Regulatory correspondence is provided in Appendix A-1. Responses to regulatory comments to the Quarterly Monitoring Report for April–June 2019 and the Reporting Requirements for All Document Submittals provided by NMED in a letter dated September 2, 2020 (NMED, 2020a) are provided in Appendix A-2. A crosswalk table between the RCRA Permit reporting requirements and this Periodic Monitoring Report is provided as Appendix A-3.

1.1 Background

The BFF site is located within the northwestern portion of Kirtland AFB, on the southern end of the City of Albuquerque, as shown on the site location map (Figure 1-1). The releases originated from fuel delivery infrastructure at the BFF and were identified by Kirtland AFB personnel in November 1999. The active fueling facility continues operation with aboveground infrastructure with leak detection and containment measures. The BFF site, comprised of SWMUs ST106/SS-111, consists of jet fuel-related constituents in soil, soil vapor, groundwater, and light non-aqueous phase liquid (LNAPL) on-Base, as well as the off-Base migration of jet fuel-related constituents in the groundwater; historically, LNAPL was also present off-Base. The off-Base migration included dissolved-phase 1,2-dibromoethane (ethylene dibromide [EDB]) extending north of Ridgecrest Drive Southeast (SE).

In 2015, an interim measure was implemented to collapse and hydraulically control the EDB plume north of Ridgecrest Drive SE. The current groundwater interim measure includes four groundwater extraction wells located within the Interim Measure Operational Area (IMOA) in the distal portion of the dissolved-phase EDB plume (Figure 1-2). The interim measure is taking place pending final remedy evaluation and implementation.

The Phase I RCRA Facility Investigation (Kirtland AFB, 2018a) provides a detailed description and history of the BFF. Ongoing soil vapor monitoring (SVM), groundwater monitoring (GWM), and the implementation of the groundwater interim measure are discussed in this report.

2. REGULATORY CRITERIA

The monitoring and interim measure of the Kirtland AFB BFF release are being implemented pursuant to the corrective action provisions in Kirtland AFB's RCRA Permit (NMED, 2010). This permit is enforced by NMED's Hazardous Waste Bureau, which is authorized to administer the RCRA Permit by the U.S. Environmental Protection Agency (EPA). The site-specific monitoring and interim measure are conducted in accordance with the approved documents presented in Section 3. Regulatory correspondence for Q2 2021 is provided in Appendix A-1.

2.1 Regulatory Standards and Project Screening Levels

The following regulatory standards and project screening levels are applied to assess the data collected during GWM and the interim measure being conducted at SWMUs ST-106/SS-111:

- For samples collected from GWM wells and samples collected for inorganic compound analysis from drinking water supply wells, concentrations are compared to the project screening levels, which are the cleanup levels for contaminants in groundwater as provided in Part 6.2.3.1 of the RCRA Permit (NMED, 2010):
  - The project screening levels are the lowest of the:
    - New Mexico Water Quality Control Commission (WQCC) standard for Groundwater of 10,000 milligrams per liter [mg/L]) Total Dissolved Solids Concentration or Less (New Mexico Administrative Code [NMAC], Title 20, Chapter 6, Part 2, Section 3103 (20.6.2.3103 NMAC); for metals, the New Mexico WQCC standard applies to dissolved metals and total mercury
    - Current EPA primary drinking water regulations (40 Code of Federal Regulations [CFR] Part 141, 1975) and secondary drinking water regulations (40 CFR Part 143, 1979) adopted by EPA under the Safe Drinking Water Act (42 U.S. Code §300f et seq., 1974)
  - If no federal maximum contaminant level (MCL) or New Mexico WQCC standard exists for an analyte, the project screening level used is the EPA Residential Tap Water Regional Screening Level (EPA, 2021)
- For samples collected monthly from drinking water supply wells for organic compound analysis, concentrations are compared to the primary and secondary drinking water regulations noted above.
- The regulatory project screening levels applied to soil gas samples collected from soil vapor monitoring points (SVMPs) are not defined in the RCRA Permit. As stated in NMED Comment #4 in the comments to the Quarterly Monitoring Report for April–June 2019 (Appendix A-1), dated July 2020 (NMED, 2020b), the Permittee must provide a comparison of detected concentrations to a regulatory standard for the purpose of assessing the presence and location of contaminants of concern. As a consequence, the vapor intrusion screening levels (VISLs) provided in Volume 1 of NMED's Risk Assessment Guidance for Site Investigations and Remediation (NMED, 2019 and as updated) are used for a first-tier screening assessment. NMED VISLs were calculated utilizing attenuation factors applied to EPA's indoor air screening levels. VISLs are intended to be screened against soil gas samples collected from below building foundations (sub slab samples) (EPA, 2015); however, no occupied buildings are present in the

Source Area. SVMPs screened above 25 feet (ft) below ground surface (bgs) are screened against NMED VISLs. NMED VISLs are not appropriate screening levels for deeper SVMPs. Kirtland AFB will continue to work with NMED to develop appropriate site-specific screening levels for soil and soil vapor at depth. Pending resolution, data was screened in the manner indicated above in this report.

2.2 Regulatory Correspondence and RCRA Permit Requirements

Regulatory correspondence for Q2 2021 is provided in Appendix A-1. In addition, the following documents are provided in Appendix A-2:

- Response to NMED regulatory comments to the Quarterly Monitoring Report for April–June 2019 (NMED, 2020b) (Note: The letter was received on July 11, 2020, but was labeled as July 11, 2019)

- Response to reporting requirements for all document submittals dated September 2, 2020

A crosswalk table between the RCRA Permit reporting requirements and this Periodic Monitoring Report is provided as Appendix A-3.

Operation of the GWTS and performance monitoring are subject to the terms of Class V Underground Injection Well Discharge Permit (DP) No. 1839 (DP-1839, NMED, 2017a) for injecting treated groundwater to KAFB-7 and KAFB-106IN2. A crosswalk table between DP-1839 and this Periodic Monitoring Report is provided as Table 2-1. Kirtland AFB is also permitted to discharge to Tijeras Arroyo under National Pollutant Discharge Elimination System Permit NM0031216 (EPA, 2019). This discharge point is designated for emergency situations only (i.e., in the event that the Golf Course main pond [GCMP], KAFB-7, and KAFB-106IN2 are all inoperable) and has not been used to date.

2.3 Analytical Reporting Limits

In accordance with Department of Defense (DoD) quality management policy, groundwater sample analysis was performed in accordance with DoD Quality Systems Manual (QSM) Version 5.3 (DoD and Department of Energy, 2019) as applicable to each analytical method. The DoD QSM is applicable to EPA SW-846 methodologies being performed on project samples. Drinking water analyses being performed under this contract are in accordance with the RCRA Permit and project work plans. DoD QSM reporting limit requirements include: (1) detection limit, (2) limit of detection (LOD), and (3) limit of quantitation (LOQ). The DoD reporting limits are commonly associated with the EPA method detection limit, reporting detection limit, and practical quantitation limit. Per DoD QSM reporting requirements, sample results below the LOQ and above the detection limit are reported with a "J" qualifier, signifying estimated data; however, the "J" qualifier may be used for analytical results above LOQ that are estimated for other reasons. Non-detect sample results are reported with a "U" qualifier at the LOD.

3. SCOPE OF ACTIVITIES

The following activities were performed during Q2 2021:

- Soil vapor monitoring
- Groundwater sampling
- Water level and LNAPL gauging
- Drinking water supply well sampling
- GWTS operation and maintenance (O&M)
- Chemical analysis of samples collected
- Investigation-derived waste (IDW) management, disposal, and reporting

Field methods are provided in Appendix B-1, and a list of former GWM well identifications for cross-reference with historical documentation is provided in Appendix B-2. A consolidated GWM Work Plan (Kirtland AFB, 2021a) and an updated O&M plan (Kirtland AFB, 2021b) were submitted to NMED in Q1 2021 and will be implemented following approval by NMED. Approximately 99 percent of planned work was conducted in Q2 2021. Deviations from planned activities are discussed in Section 9.

3.1 Soil Vapor Monitoring

SVM was performed in accordance with the Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling Revision 1 (Kirtland AFB, 2017b), approved with conditions by NMED in the letters dated January 4, 2017 (NMED, 2017b) and February 23, 2018 (NMED, 2018a).

In Q2 2021, the SVM network consisted of 299 SVMPs located in 59 nested SVM wells (Figure 3-1). Each SVM location is comprised of up to six SVMPs, each screened at discrete intervals ranging from approximately 7 to 450 ft bgs. Each SVMP has a unique database identification, which includes the SVM location followed by a number identifying the approximate depth of the screened interval of the SVMP (e.g., KAFB-106135-025 and KAFB-106135-050 are two of six SVMPs located at KAFB-106135, with the bottom of the screened intervals at 25 and 50 ft bgs, respectively). Although screen depths vary across the vapor network, nominal depths of 25, 50, 100, 150, 250, 350, and 450 ft are used to group various screen intervals for evaluation. Table 3-1 lists each SVM sample location, its associated SVMPs (location identification), the screen intervals, and the calculated purge volumes. SVM locations are shown on Figure 3-1. Field methods for SVM are presented in Appendix B-1. In Q2 2021, soil vapor samples were collected from all 299 SVMPs.

Nested SVM locations are grouped by their location into three areas of interest (AOIs) that are all located south of Ridgecrest Drive SE (Table 3-1 and Figure 3-1):

- The Off-Base AOI includes five SVM locations consisting of 28 SVMPs. These SVM locations are in non-residential areas: in Bullhead Park, city of Albuquerque open space, or the Raymond G. Murphy Veterans Affairs (VA) Medical Center parking lot.

- The On-Base Outside of the Source Area AOI includes 41 SVM locations consisting of 227 SVMPs.

- The On-Base, Inside of the Source Area AOI includes 13 SVM locations consisting of 44 SVMPs. The soil vapor source area, established in the Phase I RCRA Facility Investigation

Report (Kirtland AFB, 2018a), is defined as a 100-ft buffer zone around the original underground jet fuel pipelines that were the source of the BFF releases. These pipelines were removed in 2010.

3.1.1 New Soil Vapor Monitoring Activities

In Q2 2021, 15 SVMPs in three SVM locations (KAFB-106V1, KAFB-106V2, and KAFB-106V3) were added to the sampling network. KAFB-106V1 and KAFB-106V2 are located in the On-Base Inside the Source Area AOI, and KAFB-106V3 is located in the On-Base Outside of the Source Area AOI.

3.2 Groundwater Monitoring

GWM was performed in accordance with the applicable technical requirements in Part 6.5 of the RCRA Permit (NMED, 2010) and the following work plans:

- Work Plan for BFF Expansion of the Dissolved-Phase Plume GWTS Design Revision 2 (Kirtland AFB, 2017a), approved with conditions by NMED in the letter dated May 31, 2017 (NMED, 2017c)

- Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling Revision 1 (Kirtland AFB, 2017b), approved with conditions by NMED in the letter dated February 23, 2018 (NMED, 2018a)

- Work Plan for Data Gap Monitoring Well Installation (Kirtland AFB, 2017c), approved with conditions by NMED in the letter dated February 28, 2018 (NMED, 2018b)

The GWM program is summarized on Table 3-2. For Q2 2021, the GWM network was comprised of 174 GWM wells (Figure 3-2 and Table 3-2), including 167 wells that are sampled on a quarterly or semiannual basis, six wells that are gauged but not sampled (KAFB-106148-484, KAFB-106150-484, KAFB-106154-484, KAFB-106155-484, KAFB-106156-484, and KAFB-106252-515), and one well that is gauged and will be sampled once the water level rises within the screened interval to allow for low-flow sampling (KAFB-106211). A subset of GWM wells within the overall GWM network are sampled during Q1 and third quarter (Q3) 2021. These wells are included on Figure 3-3.

Q2 2021 GWM activities included gauging the depths to groundwater, measuring LNAPL thicknesses, groundwater sampling, and measuring field parameters for samples collected from wells using low-flow techniques. Field parameter measurements were not performed for groundwater samples collected using passive sampling methodology, as discussed in more detail in Appendix B-3. Table 3-3 presents well-specific information (including sampling date, sampling system, screen submergence, and analytical suite) for wells sampled during Q2 2021. Work was performed following the field methods provided in Appendix B-1. Groundwater samples were submitted for laboratory analysis, and results are presented in Section 5.

Prior to the fourth quarter (Q4) of 2018, GWM wells were assigned designations based either on their location relative to the groundwater gradient and their lateral relationship to the dissolved-phase EDB plume or simply on their location (i.e., source area). In response to the changing regional groundwater gradient, GWM wells and their associated groundwater data are currently described based on one of the three reference elevation intervals (REIs) for the BFF site: 4857, 4838, and 4814 (Figure 3-4). REIs are horizons underneath the site designated by their elevation in feet above mean sea level that divide the GWM network into data sets comprised of wells that are screened across these elevations, thus allowing for a vertical evaluation of groundwater parameters and contaminant concentrations. A detailed

explanation of how the REIs are defined is provided in Appendix B-3. In addition, this appendix includes discussion of the field parameters in reference to passive sampling, passive sampling data evaluation, regional groundwater gradient, and former well designations and associated sampling regimes. The former well designations and the current sampling regime by quarter are provided in Table 3-2.

In this report, results of samples collected from GWM wells are discussed based on their location (north or south) in relation to Ridgecrest Drive SE, as the Source Area Plume is located south of Ridgecrest Drive SE. The IMOA for groundwater is located north of Ridgecrest Drive SE (Figure 3-2).

3.2.1 New Groundwater Monitoring Activities

Six GWM wells were installed between November 2020 and March 2021 in accordance with the Work Plan for Data Gap Monitoring Well Installation KAFB-106248 to KAFB-106252 (Kirtland AFB, 2019). These monitoring wells were completed as nested wells that included one water table well and one well screened in the vadose zone to account for expected rise of the water table. The nomenclature for these wells follows the convention used for previous nested GWM wells installed at SWMUs ST-106/SS-111 including the prefix KAFB, the borehole identification, and a three-digit suffix identifying the depth in feet below ground surface to the top of the screen in each well. Each of these wells was sampled in Q2 2021. The six new GWM wells will require a total of eight quarters of baseline sampling before they will be incorporated in the sampling regimen based on their objective. The number of baseline sampling events conducted for these six GWM wells was as follows at the end of Q2 2021:

- Two quarters of baseline sampling were completed for monitoring well KAFB-106S10-443, installed in Q4 2020.

- One quarter of baseline sampling was completed for the remaining five GWM wells, KAFB-106248-444, KAFB-106249-450, KAFB-106250-413, KAFB-106251-409, and KAFB-106252-425, which were installed in first quarter (Q1) 2021.

- In accordance with the Work Plan for Data Gap Monitoring Well Installation KAFB-106248 to KAFB-106252 (Kirtland AFB, 2019), newly installed wells were sampled within 10 days of well development. For wells KAFB-106249-450, KAFB-106250-413, and KAFB-106251-409, the initial sampling event occurred between the Q1 and Q2 2021 monitoring events, and the results of the initial sample are presented in this report for informational purposes only. The results from the initial sampling event will also be presented in the well completion report for these wells to be submitted to NMED in October 2021.

3.3 Drinking Water Supply Well Sampling

Drinking water supply well sampling was performed in accordance with the Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling Revision 1 (Kirtland AFB, 2017b), approved with conditions by NMED in the letter dated February 23, 2018 (NMED, 2018a). Well locations are shown on Figure 3-5.

3.4 Interim Measure

The GWTS is part of the interim measure implemented pursuant to the corrective action provisions in Kirtland AFB's RCRA Permit, which states that interim measures may be necessary to reduce or prevent migration of hazardous wastes or hazardous constituents that have, or may result in, an unacceptable human or environmental receptor exposure to hazardous wastes or hazardous constituents while long-term

corrective actions remedies are being evaluated and implemented (NMED, 2010.) The purpose of this interim measure is to collapse and treat the dissolved-phase EDB plume within the IMOA, which is located north of Ridgecrest Drive SE. GWTS operations, sampling, and the discharge of treated effluent were performed in accordance with the following:

- GWTS O&M Plan (Kirtland AFB, 2016a), which was approved with modifications by NMED in the letter dated December 12, 2016 (NMED, 2016), and revisions to the O&M Plan, which address the expanded GWTS (Kirtland AFB, 2017d, 2018b)
- DP-1839, issued by NMED in April 2017 (NMED, 2017a)
- EPA National Pollutant Discharge Elimination System Permit No. NM0031216, issued in September 2019 (EPA, 2019)

The location of the GWTS and approved discharge locations are shown on Figure 1-2.

3.5 Data Review and Usability

3.5.1 Soil Vapor

Environmental Data Services, Inc. performed EPA Stage 3 data validation on 23 percent of Q2 2021 soil vapor analytical data. In addition, all data underwent data verification in accordance with the approved work plan (Kirtland AFB, 2017b). Analytical results were qualified as estimated detects "J" and estimated non-detect data "UJ" based on exceedance of data quality indicator criteria. A "U" data qualifier is used by the laboratory during validation to denote analytes reported as non-detect in samples per EPA and DoD data validation guidelines. Qualified analytical data are usable to achieve project objectives.

3.5.1.1 Soil Vapor Dilution and Data Usability

In accordance with Part 6.5.18 of the RCRA Permit (NMED, 2010), no Q2 soil vapor samples were diluted prior to analysis. During analysis, sample dilution can be performed per the EPA analytical method in order to bring elevated concentrations of analytes into the instrument calibration range for quantitation. Q2 soil vapor samples that required dilution due to elevated analytes in the sample (target or non-target) resulted in elevated reporting limits for all analytes in the sample per standard analytical method protocol.

DoD detection limits and LODs for the analyses used to quantify EDB and benzene (which are site contaminants of potential concern) were below the NMED Residential VISL for soil gas of 1.56 micrograms per cubic meter ($\mu g/m^3$) and 120 $\mu g/m^3$, respectively (NMED, 2019). The required dilution during analysis due to elevated concentrations of one or more analytes in the sample resulted in soil vapor sample results at the 25 ft horizon with reporting limits above the residential VISLs for EDB and other volatile organic compounds (VOCs). This is not considered an analytical deficiency, and data are still considered usable to achieve project objectives (i.e., results are valid per analytical and validation requirements).

As a result of data validation, Q2 soil vapor sample results were qualified "J", "U", and "UJ", signifying estimated detect, non-detect, and estimated non-detect data. Q2 samples were analyzed in accordance with DoD QSM and EPA analytical methodology, and 100 percent technical data completeness was achieved for the Q2 soil vapor data.

Final validated Q2 soil vapor data are included in Appendix C. The Data Quality Evaluation Report for Q2 soil vapor samples is provided in Appendix C-1, and the EPA Level II laboratory data reports are provided in Appendix C-2. Appendix C-3 provides the complete final validated Q2 soil vapor analytical data file.

3.5.2 Groundwater

Laboratory deliverables and data quality evaluation reports were prepared and provided in accordance with Parts 6.5.18.2 and 6.5.18.3 of the RCRA Permit (NMED, 2010). Data verification and data validation are sequential steps in a data review process; data verification was performed by the contractor collecting the data, and an independent third-party subcontractor performed the data validation. Data verification was performed to ensure method, procedural, and contractual compliance with project-specific requirements in the Quality Assurance Project Plan (QAPP), Appendix D of the Work Plan for BFF Expansion of the Dissolved-Phase Plume GWTS (Kirtland AFB, 2017a).

Following data verification, the Q2 2021 groundwater analytical data underwent 100 percent EPA Stage 2B data validation by an independent third-party subcontractor, Environmental Data Services, Inc. Data validation consisted of an analyte- and sample-specific process that extends the evaluation of analytical data beyond the data verification process to determine the quality of a specific data set in accordance with analytical method quality control and DoD QSM requirements as documented in the QAPP (Kirtland AFB, 2017a). Data validation included review of data quality indicators to assess the precision, accuracy, representativeness, comparability, completeness, and sensitivity of the analytical data set and determine if the data achieved the project data quality objectives. Data qualifiers that may be applied to data during the validation process include "J", "U", and "R." The "J" qualifier signifies an estimated result, the "U" qualifier indicates a non-detect result, and the "R" qualifier signifies rejected data. Data qualified with "J" and "U" are usable to achieve project objectives; however, "R" qualified sample data do not meet project objectives and are rejected. No data collected in Q2 2021 data were rejected. Upon completion of the data verification and validation process, the data were assessed to determine if the project data quality objectives were achieved and deemed usable for their intended purpose.

Based on the validation, analytical data were qualified "J" and "UJ" for estimated detect and estimated non-detect data, respectively, and "U" for non-detect results. During Q2 2021, 86 detect and non-detect sample results were reported with LOQ/practical quantitation limits that exceeded the project screening level as a result of the high concentration of target analytes in the sample and, therefore, requiring sample dilution during analysis. Elevated concentrations of target analytes in a sample require sample dilution during analysis in order to meet DoD QSM and EPA analytical method criteria. When samples required dilution, all analyte reporting limits become elevated by the amount of the dilution and thus resulted in the exceedances listed in Appendix D-1─Table 7. Data validation guidelines determine these data to be usable and achieve project data quality objectives. In addition, five VOC analytes have LOQs that exceed the EPA Tapwater screening level (EPA, 2021), and the laboratory is using the best analytical methodology available to analyze VOCs. These VOCs are not considered to be site contaminants of concern.

Data from GWM monitoring in Q2 2021 were found to be usable to achieve the project data quality objectives as qualified based on validation. Final validated groundwater analytical data are included in Appendix D. The Data Quality Evaluation Report for groundwater samples collected in Q2 2021 is provided in Appendix D-1 and the EPA Level II laboratory data reports are provided in Appendix D-2. Further details regarding EPA data verification and validation processes are documented in Figures 2 and

4 of the Guidance on Environmental Data Verification and Data Validation (EPA, 2002) provided in Appendix D-3. Appendix D-4 provides the complete final validated Q2 groundwater analytical data file.

3.5.3 Drinking Water

Following data verification, the Q2 2021 drinking water analytical data underwent a 100 percent Stage 3 data validation performed by Environmental Data Services, Inc. All Q2 data are valid based on the evaluation criteria (no data were qualified), and the data completeness was 100 percent. The data met data quality objectives and were appropriate for use in project decision-making. Upon completion of the verification and validation process, the data were assessed to determine if the project data quality objectives were achieved and deemed usable for their intended purpose.

Final validated drinking water analytical data are included in Appendix E. The Data Quality Evaluation Report for drinking water samples collected in Q2 2021 is provided in Appendix E-1, and the EPA Level II laboratory data reports are provided in Appendix E-2. Appendix E-3 provides the complete final validated Q2 drinking water analytical data file.

3.5.4 Interim Measure

The GWTS analytical data from Q2 2021 underwent EPA Stage 2B data validation by Validata Chemical Services, Inc., Duluth, Georgia, following data verification. Data were qualified "U" and "UJ" during the validation process based on exceedance of laboratory QC criteria. Qualified data are still deemed usable to achieve project objectives based on validation guidance.

Upon completion of the data verification and validation process, the data were assessed for accuracy, precision, representativeness, comparability, completeness, and sensitivity to determine if the project data quality objectives were met and were deemed usable for their intended purpose.

Final validated GWTS groundwater analytical data are included in Appendix F. The Data Quality Evaluation Report for GWTS samples collected in Q2 2021 is provided in Appendix F-1, and the EPA Level II laboratory data reports are provided in Appendix F-2. Appendix F-3 contains the complete final validated Q2 GWTS analytical data file.

3.5.5 Final Data Upload

Subsequent to performing data validation, the validation data qualifiers were uploaded to the EQuIS® project database. The Q2 2021 groundwater, drinking water, and soil vapor analytical data presented and discussed in this report are final validated data, determined through validation to have achieved project data quality objectives, and are deemed usable for the project objectives. Final validated data will be uploaded to the U.S. Air Force data repository through the Environmental Resources Program Information Management System. EPA Level IV data packages will be maintained by Kirtland AFB and made available to NMED upon request in accordance with Part 6.5.18.2 of the RCRA Permit (NMED, 2010).

4. VADOSE ZONE MONITORING

This section describes the results for the semiannual soil vapor sampling for Q2 2021 at Kirtland AFB. Semiannual soil vapor sampling was conducted to characterize and monitor fuel-related contaminant concentrations in the vadose zone. Sections 4.1 and 4.2 discuss field sampling, analytical results, data usability, and results of soil vapor data collected during Q2 2021, and Section 4.3 discusses routine maintenance and repairs conducted on the soil vapor monitoring well network.

SVM sampling activities are provided in Appendix G, Soil Vapor Field Sampling Results, as follows:

- Appendix G-1 Soil Vapor Purge Logs
- Appendix G-2 Soil Vapor Field Daily Quality Control Reports
- Appendix G-3 Soil Vapor Chain-of-Custody Forms

4.1 Vadose Zone Soil Vapor Data Collection

To the extent possible, soil vapor samples collected in Q2 2021 represented the vadose zone conditions without the influence of induced airflow. All SVMP sample ports were sealed to atmospheric air, which minimized exchanges with atmospheric "inhalation" and "exhalation" cycles, driven by barometric pressure fluctuations.

SVM was performed in accordance with Part 6.5.16 of the RCRA Permit. In accordance with the letter outlining NMED reporting guidance for all document submittals (NMED, 2020a) and NMED comments on the Q2 2019 report (NMED, 2020b), analytical results for the current and three previous sampling events are provided in a searchable, sortable format in Appendix C-3. The condition of the vault and the pneumatic quick-connect fittings at each SVMP were documented on purge logs to document sample representativeness (Appendix G-1).

Field parameters, including total hydrocarbon (HC), oxygen (O_2), and carbon dioxide (CO_2) concentrations, were measured and recorded at each SVMP using a Horiba MEXA-584L auto emissions analyzer (Horiba). SVMPs were purged of their respective casing volume before field measurements were recorded and before samples were collected. Static air pressure readings (in inches of water) were measured using an electric manometer and recorded on purge logs for pre-purging and post-purging conditions of each well to ensure the stability of each well before sampling. Purge data were recorded on purge logs (Appendix G-1); field data are provided in Table 4-1. Horiba calibration and sample system leak tests were performed and documented on calibration logs (Appendix G-2); daily quality control reports are provided in Appendix G-2.

In Q2 2021, soil vapor samples were collected from wells shown on Figure 4-1 and wells listed in Table 4-1 between April 5 and June 24, 2021, including the resample at SVMP KAFB-106139-250 due to a defect with the initial Summa canister that prevented the laboratory from accessing the sample. In addition, confirmation vapor samples were collected at locations KAFB-106V3-007, KAFB-106V3-015, and KAFB-106V3-272 in order to better understand the results obtained at that location during the initial Q2 2021 sampling event. Significant disturbance of soil vapors around the site may have resulted from the recent installation of SVMW KAFB-106V3, which was installed using high pressure air rotary drilling techniques. If this was the case, the confirmation sample data may be more indicative of equilibrium soil vapor conditions around the wellbore. Both the original and re-sampling data are described in Section 10.1.2.2. Analytical data from both sampling events are included in Table 4-3.

In total, 299 SVMP locations were sampled, and 30 field duplicates were collected using certified pre-

evacuated Summa canisters fitted with a specialized pneumatic connector to allow only the vapor from the SVMP to enter the canister. Sample information was recorded on purge logs (Appendix G-1). Chain-of-custody records are provided in Appendix G-3. After collecting each SVMP sample, each Summa canister was placed in protective packaging and shipped to ALS Environmental in Simi Valley, California, for VOC analysis by EPA Method TO-15.

Soil vapor analytical results are provided in Tables 4-2 through 4-4. Analytical data for the current and three previous sampling events are provided in Appendix C-3. Data presented and discussed in this report are final validated data. The Environmental Resources Program Information Management System data deliverable was submitted in June 2021.

4.2 Q2 2021 Soil Vapor Monitoring and Chemical Analytical Data Results

The Q2 2021 analytical results and field data from the 299 SVMPs were used to generate two-dimensional plan-view maps (Figures 4-1 through 4-7) that depict benzene, EDB, and HC concentrations at nominal depths of 25, 50, 100, 150, 250, 350, and 450 ft bgs, respectively. Field parameters collected during the SVM event include static pressure, HC, O_2, and CO_2 (Table 4-1). Soil vapor analytical results are provided in Tables 4-2, 4-3, and 4-4 based on the AOI where the sampling point is located.

Sections 4.2.1 through 4.2.3 discuss the soil vapor concentrations of EDB, benzene, HC, O_2, and CO_2 in relation to each AOI. The data for EDB and benzene are based on laboratory analysis, while HC, O_2, and CO_2 are field monitoring measurements. Samples collected at nominal depths of up to 25 ft bgs were compared against VISLs, as discussed in Section 10.1.2.

4.2.1 Off-Base Soil Vapor Monitoring Points

Consistent with prior sampling events, off-Base soil vapor concentrations were reported to be very low in comparison to the on-Base AOIs (Tables 4-1 and 4-2).

4.2.1.1 Field Monitoring Results

HC concentrations in the 28 off-Base SVMPs ranged from 0 to 14 parts per million by volume (ppmv). The highest HC concentration of 14 ppmv was measured at KAFB-106142-450.

O_2 concentrations measured at off-Base SVMPs averaged 19.92 percent, near atmospheric levels of approximately 21 percent (Berner et al., 2007). CO_2 levels ranged from 0.12 percent to 3.12 percent. The maximum CO_2 level (3.12 percent) was measured at KAFB-106138-050; however, CO_2 levels were measured below 1.00 percent at 26 of the 28 SVMPs.

4.2.1.2 Chemical Analytical Results

The following is a summary of the analytical results for SVMPs located off-Base (Table 4-2):

- EDB was reported in two of the 28 off-Base SVMPs. EDB was reported at a concentration of 3.8 µg/m^3 at KAFB-106028-450 and estimated at 2.0 µg/m^3 at KAFB-106142-350.

- Benzene was reported in 20 of the 28 SVMPs. Of the 20 benzene detections, 19 were estimated concentrations (J-flag values) of 4.2 µg/m^3 or less. The single non-estimated detection was reported to have a concentration of 240 µg/m^3 at KAFB-106142-450.

4.2.2 On-Base Soil Vapor Monitoring Points Outside of Source Area

Findings in the on-Base SVM AOI located outside of the source area were consistent with previous sampling events (Tables 4-1 and 4-3). The highest soil vapor concentrations reported in this AOI were located adjacent to the source area and above the groundwater benzene plume.

4.2.2.1 Field Monitoring Results

HC concentrations ranged from 0 to 19,390 ppmv, with the highest concentration measured at SVMW-02-100, located approximately 50 ft north of the source area.

Concentrations of O_2 were relatively low (<15 percent) in 52 SVMPs, and the CO_2 levels ranged from 0.04 to 13.64 percent.

4.2.2.2 Chemical Analytical Results

On-Base, outside of the source area, laboratory analytical results for EDB and benzene were as follows:

- EDB was detected in 18 of the 227 SVMPs, with the highest concentrations of 4,800 µg/m^3 at KAFB-106128-450 and 14,000 µg/m^3 at SVMW-02-100.

- Benzene was detected in 194 of the 227 SVMPs, with the highest concentration of 570,000 µg/m^3 at both SVMW-02-100 and SVMW-02-150, located approximately 50 ft north of the source area.

4.2.3 On-Base Soil Vapor Monitoring Points Inside the Source Area

The results of the on-Base SVM AOI located inside the source area presented in Tables 4-1 and 4-4 are discussed below.

4.2.3.1 Field Monitoring Results

HC measurements at SVMPs in this AOI ranged from 1 to 27,150 ppmv. The highest concentration of HC was measured at KAFB-106V2-117.

Measured O_2 levels inside the AOI ranged from 0.10 percent to 20.88 percent. Eight SVMPs had O_2 levels below 5 percent at nominal depths ranging from 50 to 300 ft bgs, which is an increase from Q4 2019 when O_2 levels greater than 5 percent were only measured in four SVMPs.

CO_2 levels ranged from 0.02 to 15.62 percent, with the maximum level of 15.62 percent measured at SVMW-03-050.

4.2.3.2 Chemical Analytical Results

Consistent with previous monitoring events, the highest concentrations of EDB and benzene were detected in samples collected from this AOI. The following summarizes the laboratory analytical data for samples collected from this AOI:

- EDB was detected in 12 of the 44 SVMPs, with a maximum concentration of 40,000 µg/m^3 in the sample collected from SVMW-10-050.

- Benzene was detected in all but one SVMP within the source area, with a maximum concentration of 1,500,000 µg/m^3 in the sample collected from KAFB-106V2-117.

4.3 Soil Vapor Monitoring Well Network Maintenance

Maintenance and repairs were performed as necessary at all 59 SVM locations following completion of the Q2 2021 sampling event. Any maintenance needs, including corroded quick-connects, worn or damaged gaskets, overgrown vegetation, and overall cleanliness of locations, were noted during the sampling event and addressed during the maintenance event that took place between May 17 and 18, 2021. All maintenance activities were performed after Q2 2021 samples were collected and had no effect on the results.

Rusty pneumatic quick-connects were repaired at the following three SVMPs:

- KAFB-106132-250
- KAFB-106133-170
- KAFB-106135-050

Missing quick-connect caps were replaced at the following four SVMs:

- KAFB-106V1
- KAFB-106V2
- KAFB-106V3
- SVMW-10

Standing water was removed from the vaults at the following SVMWs, for which new seals will be procured:

- SVEW-12/SVMW-14
- SVMW-10

5. GROUNDWATER MONITORING

The following sections discuss the analytical results for samples collected from GWM wells during Q2 2021. Appendix H contains the field sampling data and records, as follows:

- H-1 Daily Quality Control Reports – Groundwater Sampling
- H-2 Groundwater and Light Non-Aqueous Phase Liquid Measurements
- H-3 Groundwater Purge Logs and Sample Collection Logs
- H-4 Groundwater Sample Chain-of-Custody Forms
- H-5 U.S. Geological Survey Sentinel Well Data

5.1 Monitoring Results

5.1.1 Groundwater and Light Non-Aqueous Phase Liquid Gauging

Gauging was performed in 172 GWM wells in Q2 2021 (Table 5-1). Depth to water and thickness of LNAPL in the GWM wells were gauged using five oil-water interface probes, each dedicated to groups of wells with similar historical levels of contamination. Measurement differences from a control probe were calculated in accordance with the methods described in Appendix B-1 and are presented in Appendix H-2, Table H-2-1. Subsequent data corrections are presented in Appendix H-2, Table H-2-2. Gauging deviations, including wells not gauged, are discussed in Section 9.2.1.

The interface probes were checked for proper operation, and the cables were checked for integrity prior to each use; the equipment was decontaminated after gauging each well. If LNAPL was detected using the interface probe, a plastic bailer was used to confirm the presence and thickness of the LNAPL. Additionally, during low-flow sampling using Bennett pumps, every well was checked for the presence of LNAPL prior to setting the pump. Depths to LNAPL, if applicable, and groundwater were recorded in the field on electronic well gauging forms (Appendix H-2, Table H-2-2).

5.1.2 Groundwater Gauging Monitoring Results

Groundwater elevations and LNAPL thicknesses are summarized in Table 5-1. Table 5-2 includes LNAPL data from the current quarter and Q2 and Q4 2020. Wells in REI 4857 were initially installed with the screen intersecting the water table; however, due to the rise of the water table, a number of the wells in REI 4857 have fully submerged screens, with submergence depth ranging from 0.15 to 23.48 ft above the top of the screen in KAFB-106222 and KAFB-106025, respectively (Table 5-1).

The water table potentiometric surface map was created using only REI 4857 GWM wells with screens that are not submerged (Figure 5-1). Horizontal groundwater gradients within REI 4857 are dominated by a radial flow pattern toward depressions in the water table, which are primarily due to groundwater extraction for treatment. The potentiometric surfaces for REI 4838 (Figure 5-2) and REI 4814 (Figure 5-3) are presented in Q2 and Q4 of each year.

LNAPL was present in five wells (KAFB-106005, KAFB-106059, KAFB-106076, KAFB-106150-484, and KAFB-106154-484) at thicknesses ranging from 0.01 ft to 0.39 ft (Table 5-1). Figure 5-4 depicts the wells where LNAPL was detected in Q2 as well as historical LNAPL locations. The extent of LNAPL is confined to the area south of Ridgecrest Drive SE, on Kirtland AFB, and within the footprint of the Source Area Plume. Wells with screens not submerged that do not contain LNAPL were used to confirm that the lateral extent of LNAPL is defined.

5.2 Groundwater Sampling

Groundwater samples were collected from 167 wells of the GWM network between March 23 and April 29, 2021. The sampling technique used to sample the wells is provided in Table 3-3. EDB and benzene analytical data are presented on Figures 5-5 through 5-10. Well locations are shown on Figure 3-2, and sentinel well locations are shown on Figure 5-11; sentinel wells are those located between contaminant plumes and a water supply well. These wells provide early detection if contaminants migrate toward the water supply wells.

The groundwater samples collected from each well were analyzed for the specific analytical suite specified in Tables 3-2 and 3-3. Field parameters were measured in select wells as per the monitoring regimen. Groundwater samples were analyzed by Eurofins Lancaster Laboratories Environmental, LLC located in Lancaster, Pennsylvania, which maintains current DoD Environmental Laboratory Accreditation Program certification. Sampling was conducted in accordance with the applicable technical requirements in Parts 6.5.5 and 6.5.17 of the RCRA Permit (NMED, 2010).

Appendix B-1 describes the field methods used for GWM. The groundwater purge and sampling forms are provided in Appendix H-3, and the chain-of-custody forms are provided in Appendix H-4.

Wells KAFB-106149-484, KAFB-106151-484, KAFB-106152-484, and KAFB-106153-484 were added to the GWM network in Q1 2018 to fill a data gap that was created due to rising groundwater that caused some well screens to become fully submerged (Kirtland AFB, 2017c). Wells KAFB-106149-484, KAFB-106151-484, KAFB-106152-484, and KAFB-106153-484 were originally designed and installed for the purpose of vadose zone characterization, with the bottom of the screened interval reaching a depth approximately 5 ft above the water table at the time of installation. As the water table rose, it entered the screened interval of these wells. In 2018, there was sufficient water column within the wells for groundwater sampling, and they were added to the GWM program to temporarily fill the data gap. New wells designed for GWM with screens intersecting the water table were installed and developed between 2018 and Q1 2021 to fill this gap (Figure 3-2).

5.2.1 Field Parameter Monitoring Results

Field parameters were collected from wells that were sampled using the low-flow sampling method; these wells are located south of Ridgecrest Drive SE. Field parameter data are presented in Table 5-3. Historical field parameter data from the three previous quarters are presented in Appendix H-3, Table H-3-1.

5.3 Groundwater Samples Analytical Results

The analytical results for the samples and the field duplicates are presented in Tables 5-4 and 5-5 and were used to assess field sampling precision; however, field duplicate results are not discussed in this text unless otherwise noted and are not provided on figures. Analytical results and screening levels are provided in a sortable, searchable format in Appendix D-4. Analytical results for the initial samples collected from newly installed wells KAFB-106249-450, KAFB-106250-413, and KAFB-106251-409 are included in Appendix D-4 for informational purposes only. A discussion of the results for the duplicate sample analytical results is included in the Data Quality Evaluation Report (Appendix D-1).

In this report, sample results from GWM wells are discussed based on their location relative to the IMOA, the southern border of which is defined by Ridgecrest Drive SE (Figure 3-2); as a consequence, they will be described as north or south of Ridgecrest Drive SE. The Source Area Plume is located south of Ridgecrest Drive SE while the IMOA for the groundwater interim measure is located north of it.

The following analytical methods were used for sample analysis:

- EDB by EPA Method SW8011
- BTEX and VOCs by EPA Method SW8260C
- Total petroleum hydrocarbons by EPA Method SW8015D (KAFB-106S10-443 only)
- Metals by EPA Methods SW6010C and SW6020A
- Anions by EPA Methods E300.0 and E353.2
- Alkalinity by Standard Method 2320B

5.3.1 Organic Compounds Analytical Results

The following subsections discuss EDB and BTEX analytical results for the current quarter.

5.3.1.1 EDB Analytical Results

Results for EDB for the new monitoring wells KAFB-106248-452, KAFB-106249-450, KAFB-106250-447, KAFB-106251-443, KAFB-106252-425, and KAFB-106S10-443 are presented in Table 5-4, while analytical results of EDB for the other wells sampled in Q2 are presented in Table 5-5. Historical EDB analytical results for the previous three sampling events are provided in Table 5-6. EDB concentrations are depicted on Figures 5-5 through 5-7. The northern plume appears slightly larger than historical depictions; however, this appears to be the result of extraction well KAFB-106234 operating as designed. The observed mass will eventually be captured by this extraction well (Figure 5-5) because the capture analysis indicates that the plume is 100 percent captured by the interim measure (IM) (see Section 10.4). Note that Figure 5-5 utilizes the primary sample value of 0.019 J micrograms per liter (µg/L) for well KAFB-106225 (Table 5-5), as the primary results are used in the discussion of analytical results, while duplicate results are used for quality control purposes. However, the duplicate value of 0.041 µg/L was utilized for the performance assessment discussed in Section 10.4.1 in order to present the most conservative estimate.

There were no detections of EDB in sentinel GWM wells in Q2 2021; sentinel well locations are shown on Figure 5-11.

EDB Analytical Results North of Ridgecrest Drive SE

EDB analytical results in the IMOA north of Ridgecrest Drive SE are as follows:

- EDB was above the project screening level of 0.05 µg/L in groundwater collected from four wells (KAFB-106036, KAFB-106041, KAFB-106042, and KAFB-106088) located in the IMOA north of Ridgecrest Drive SE.

- EDB was detected but below the project screening level in groundwater collected from seven monitoring wells located in the IMOA (KAFB-106022, KAFB-106035, KAFB-106089, KAFB-106205, KAFB-106225, KAFB-106241-428, and KAFB-106243-425).

EDB Analytical Results South of Ridgecrest Drive SE

EDB analytical results south of Ridgecrest Drive SE are as follows:

- Concentrations of EDB exceeded the project screening level of 0.05 µg/L in groundwater

collected from 20 wells located south of Ridgecrest Drive SE.

- The highest EDB concentration was detected in the groundwater sample collected from well KAFB-106S8-451 at 380 µg/L, which is located on Kirtland AFB in REI 4857 in the eastern portion of the source area.

5.3.1.2 BTEX Analytical Results

The results for BTEX for the new monitoring wells KAFB-106248-452, KAFB-106249-450, KAFB-106250-447, KAFB-106251-443, KAFB-106252-425, and KAFB-106S10-443, are presented in Table 5-4, while analytical results of BTEX for the other wells sampled in Q2 2021 are presented in Table 5-5. Historical BTEX analytical results for the previous three sampling events are provided in Table 5-7. Benzene concentrations are depicted on Figures 5-8 through 5-10.

There were no detections of BTEX in sentinel GWM wells in Q2 2021; sentinel well locations are shown on Figure 5-11.

BTEX Analytical Results North of Ridgecrest Drive SE

One well in the IMOA was sampled for BTEX in Q2 2021, newly installed GWM well KAFB-106252-425. BTEX was not detected in this sample.

BTEX Analytical Results South of Ridgecrest Drive SE

BTEX analytical results south of Ridgecrest Drive SE are as follows:

- Benzene concentrations exceeded the project screening level of 5.0 µg/L in 26 wells. Twenty-four of these wells were located in REI 4857, and two were located in REI 4838 (KAFB-106063 and KAFB-106080). The highest benzene concentration was detected in KAFB-106149-484 at 16,000 µg/L.

- Toluene concentrations exceeded the 1,000 µg/L project screening level in 13 wells; these exceedances were located in REI 4857. The highest toluene concentration was detected in KAFB-106149-484 at 21,000 µg/L.

- Ethylbenzene concentrations exceeded the 700 µg/L project screening level in nine wells. These wells are located in REI 4857. The highest ethylbenzene concentration was detected in KAFB-106064 at 2,000 µg/L.

- Total xylenes concentrations met or exceeded the 620 µg/L project screening level in 18 wells. One exceedance was in REI 4838 (KAFB-106063) and 17 exceedances were located in REI 4857. The highest total xylenes concentration was detected in KAFB-106064 at 5,900 µg/L, located in REI 4857 in the EDB in situ bioremediation pilot test area.

5.3.2 Inorganic Compound Analytical Results

Inorganic compounds include total metals (arsenic, lead, calcium, magnesium, potassium, and sodium), dissolved metals (iron and manganese), and anions (bromide, chloride, sulfate, and nitrate/nitrite nitrogen). Total metals and anions are not site contaminants but are analyzed to evaluate the geochemical conditions of the aquifer.

Table 3-2 lists the wells that were sampled for inorganic compounds in Q2 2021. Inorganic sampling is conducted to assess geochemical aquifer conditions. Inorganic analytical results are presented in Table 5-8.

5.3.3 Sampling Results for U.S. Geological Survey Sentinel Wells

The U.S. Geological Survey (USGS) monitors 14 sentinel wells located in four well nests (USGS VA well nest, USGS Trumbull well nest, USGS Southern well nest, and USGS Caesar Chavez well nest) between the Kirtland AFB BFF EDB plume and water supply wells which are owned and operated by the Albuquerque Bernalillo County Water Utility Authority and Raymond G. Murphy VA Medical Center (Figure 5-11). This monitoring is conducted as a means of providing independent observation of water quality in the vicinity of these water supply wells. Samples are collected from these sentinel wells quarterly. For Q2 2021, these samples were collected using dual membrane samplers from April 5 to April 8, 2021. The samples were analyzed for VOCs and EDB by the USGS National Water Quality Laboratory using Method O-4127-96 (Connor et al., 1998). No detections were found in the Q2 2021 samples. The USGS transmittal letter, including the Q2 2021 data results, is provided in Appendix H-5.

5.4 Groundwater Monitoring Well Network Maintenance

The GWM well network was inspected to ensure that the condition of all protective covers and wellheads met the intended performance and security requirements. During the inspection period, cleaning and maintenance were performed, and all GWM wells were determined to be fully serviceable. The Bennett dedicated pump sampling system from KAFB-106075 was removed on April 29, 2021. The pump failed to operate during quarterly groundwater sampling. Significant corrosion was noted upon removal of the pump.

6. DRINKING WATER SUPPLY WELL MONITORING

Drinking water supply wells KAFB-003, KAFB-015, KAFB-016, and ST106-VA-2 were sampled monthly during this quarter, with the exception of KAFB-016 that was not sampled in May or June, as described in more detail in Section 9.3.

Appendix I, Drinking Water Supply Well Sampling Documentation, provides the following information:

- Appendix I-1: Daily Quality Control Reports – Drinking Water Supply Well Samples
- Appendix I-2: Drinking Water Sample Collection Logs and Chain-of-Custody Forms

The samples collected from the drinking water supply wells were submitted for the following analyses to Eurofins TestAmerica Laboratories in Savannah, Georgia, for the following analyses:

- EDB using EPA Method 504.1
- BTEX using EPA Method 524.2

Analytical results were validated by Environmental Data Services, Inc., and the supporting information is included in Appendix E, as follows:

- Appendix E-1: Data Quality Evaluation Reports
- Appendix E-2: Data Packages – Drinking Water Supply Well Samples
- Appendix E-3: Drinking Water Supply Well Analytical Data

In addition, water samples were collected in April 2021 to be analyzed for the semi-annual analytical suite, which consists of the following inorganic compounds:

- Total metals (calcium, magnesium, potassium, and sodium) using EPA Method 6010C
- Dissolved metals (iron and manganese) using EPA Method 6010C
- Total metals (arsenic and lead) using EPA Method 6020A
- Anions (bromide, chloride, and sulfate) using EPA Method 300.0A
- Anions (nitrate/nitrite nitrogen) using EPA Method 353.2
- Ammonia nitrogen using Standard Method 4500NH3B/C
- Sulfide using Standard Method 4500S2CF
- Alkalinity-bicarbonate/carbonate using Standard Method 2320B

Inorganic samples were submitted to Eurofins Lancaster Laboratories Environmental, LLC located in Lancaster, Pennsylvania. Analytical results were validated by Validata Chemical Services, Inc.

6.1 Drinking Water Supply Well Analytical Results

Appendix E-3 contains analytical data from Q2 2021 and the three previous quarters. EDB and BTEX monthly results for Q2 2021 are presented in Table 6-1 and Figure 6-1. Neither EDB nor BTEX were detected in the samples collected from the drinking water supply wells, consistent with historical results.

Results for the analyses performed semi-annually for inorganic compounds for Q2 2021 are presented in Table 6-2. Inorganic compounds detected in the samples collected from drinking water supply wells KAFB-003 and ST106-VA-2 were below their respective EPA MCLs. The arsenic concentrations detected in the samples collected from KAFB-015 and KAFB-016 in April 2021 were 0.016 and

0.025 mg/L, respectively, both exceeding the MCL of 0.01 mg/L. These arsenic concentrations are consistent with naturally occurring arsenic observed in the Albuquerque Basin (Bexfield and Plummer, 2003). Consequently, Kirtland AFB operates an arsenic compliance system as part of the water treatment system; as a result, arsenic concentrations in the Kirtland AFB drinking water supply do not exceed drinking water criteria (Kirtland AFB, 2003). The other inorganic compounds detected in KAFB-015 and KAFB-016 were below their respective MCLs.

7. INTERIM MEASURE OPERATION AND MONITORING

7.1 Groundwater Treatment System Operation

This section presents the Q2 2021 GWTS operation, performance monitoring and EDB removal, system maintenance and expansion, and additional information required by RCRA Permit Part 6.2.4.1. Appendix J, pertinent to GWTS operation and performance, includes the following:

- Appendix J-1 GWTS Plant O&M Documentation
- Appendix J-2 New Mexico 811 Line Locate Tickets
- Appendix J-3 GWTS Performance Sample Collection Logs

7.1.1 Groundwater Treatment System Treatment Volumes and Percentage Run Time

The GWTS includes:

- Four extraction wells: KAFB-106228, KAFB-106233, KAFB-106234, and KAFB-106239
- Influent conveyance piping
- Two carbon treatment trains (designed for but not currently operating at 800-gallon per minute [gpm] maximum capacity) located within the GWTS building
- Effluent conveyance lines

Treated effluent is discharged to either the Tijeras Arroyo GCMP or is gravity-fed into one of the injection wells, KAFB-7 or KAFB-106IN2 (Figure 6-1). Quarterly run time of the GWTS, extraction well performance metrics, and injection well performance metrics are discussed in the following sections.

7.1.1.1 Quarterly Run Time

For the purpose of run time evaluation, GWTS operation is defined as the time during which groundwater is being pumped from at least one extraction well and subsequently treated and discharged. Table 7-1 provides a monthly and quarterly summary of the extraction well performance during Q2 2021, including individual extraction well run times. During this quarter, the GWTS was operational 97.9 percent of the time (Table 7-1). This included shutdowns during redevelopment of KAFB-106IN2, which affected the overall run time. Shutdowns are described in Sections 7.4.1 and 7.4.3.

Table 7-2 provides a cumulative summary of groundwater quantities extracted, treated, and discharged. During Q2 2021, the GWTS treated 68,538,600 gallons of groundwater, of which 42,317,600 gallons were treated in Train 1 and 26,221,000 gallons in Train 2. The GCMP received 50,947,000 gallons of the treated effluent, while 7,267,900 gallons were discharged to injection well KAFB-7 and 10,323,700 gallons were discharged to injection well KAFB-106IN2.

7.1.2 Extraction Well Performance Metrics

Quarterly extraction well performance data required for DP-1839 compliance reporting is provided in Table 7-1. Average extraction flow rates and drawdown levels are calculated for each extraction well using data that is recorded during operation. These average flow rates and drawdown levels do not

account for readings collected during periods of down time. Well performance graphs are provided in Appendix J-1.

Extraction wells are prioritized for pumping based on their impact on the EDB plume in the IMOA and protection of the municipal water supply wells. Prioritization may occur when one or more wells need to be shut off to perform maintenance on a GWTS treatment train or reduce flow to an injection well to decrease mounding. Based on GWTS performance monitoring and wellhead sampling results, extraction wells KAFB-106228 and KAFB-106239 are the highest priority as they currently have the greatest impact on the reduction of the EDB plume in the IMOA. Well KAFB-106234 is the next highest priority as it serves to capture the distal plume and acts as a hydrologic barrier between the EDB plume in the IMOA and the municipal water supply wells to the northeast. Well KAFB-106233 has minimal impact on EDB plume reduction and is, therefore, the most likely to be deprioritized. The following is a summary of average operational flows and run times in Q2 2021 (Table 7-1):

- Water was extracted from KAFB-106228 at an average operational flow rate of 133.8 gpm with a run time of 97.9 percent.
- Water was extracted from KAFB-106233 at an average operational flow rate of 159.8 gpm with a run time of 97.7 percent.
- Water was extracted from KAFB-106234 at an average operational flow rate of 170.8 gpm with a run time of 97.7 percent.
- Water was extracted from KAFB-106239 at an average operational flow rate of 74.5 gpm with a run time of 97.7 percent.

7.1.3 Injection Well Performance Metrics

Quarterly injection well performance data required for DP-1839 reporting compliance are provided in Table 7-3. Injection well performance figures are provided in Appendix J-1. The following performance data apply to effluent injection in Q2 2021:

- Groundwater was injected into KAFB-7 at an average operational flow rate of 595.9 gpm with a run time of 9.2 percent.
- Groundwater was injected into KAFB-106IN2 at an average operational flow rate of 564.9 gpm with a run time of 10.7 percent.

7.2 Groundwater Treatment System Performance Monitoring

GWTS performance monitoring is performed in conformance with the most recently approved Work Plan (Kirtland AFB, 2017a) and O&M Plan (NMED, 2016; Kirtland AFB, 2016a, 2017d, 2018b). DP-1839 provides additional sampling criteria. Table 2 of DP-1839 provides a list of the compounds that are most frequently monitored at the GWTS (NMED, 2017a). Q2 2021 GWTS analytical performance metrics are discussed in the following sections.

7.2.1 Sampling and Analytical Results

In Q2 2021, water samples from Train 1 (connected to KAFB-106233 and KAFB-106234) and Train 2 (connected to KAFB-106228 and KAFB-106239) were collected monthly from:

- The untreated influent (sample identifications GWTS-BFF-INF1 and GWTS-BFF-INF2 for Train 1 and 2, respectively)
- A port located between the initial and final granular activated carbon (GAC) vessels (sample identifications GWTS-BFF-GAC1 and GWTS-BFF-GAC2 for Train 1 and 2, respectively)
- The treated effluent (sample identifications GWTS-BFF-EFF1 and GWTS-BFF-EFF2 for Train 1 and 2, respectively)

These samples were analyzed for EDB, BTEX, and dissolved iron and manganese. Sample results and effluent discharge limits are provided in Tables 7-4 and 7-5 for Trains 1 and 2, respectively, and are discussed in detail below, as are the samples from the extraction wells (Table 7-6). GWTS performance sample collection logs are provided in Appendix J-3, and analytical data for this quarter and the previous three quarters are provided in Appendix F-3.

7.2.1.1 Influent Sample Results

Concentrations of EDB in the influent samples of Train 1 were below the laboratory detection limit for all samples collected during Q2 2021 (Table 7-4).

Concentrations of EDB were detected in the influent samples of Train 2 below the 0.05 µg/L project screening level at estimated concentrations of 0.011, 0.015, and 0.013 µg/L in April, May, and June 2021, respectively.

BTEX was not detected in influent samples collected from either train during Q2 2021 (Tables 7-4 and 7-5).

Dissolved manganese was not detected in the influent samples collected from Train 1 and was detected below the project screening level in monthly influent samples collected from Train 2 in Q2 2021. Dissolved iron was not detected in monthly influent samples collected from either train.

7.2.1.2 Effluent Sample Results

Concentrations of EDB, BTEX, and dissolved manganese were non-detect in effluent monthly samples collected from either train during Q2 2021. Dissolved iron was detected in the May 2021 effluent sample from Train 2 at an estimated concentration of 0.049 mg/L (Table 7-5).

7.2.1.3 Extraction Well Sample Results

All four extraction wells (KAFB-106228, KAFB-106233, KAFB-106234, and KAFB-106239) were sampled in May 2021 for EDB, BTEX, dissolved iron and manganese, and total metals (calcium, magnesium, potassium, sodium, arsenic, and lead). EDB was detected at an estimated concentration of 0.018 µg/L in the sample from KAFB-106228 (Table 7-6) and was not detected in the sample collected from the other extraction wells. BTEX and dissolved iron were not detected in any extraction well samples. Dissolved manganese was detected below the project screening level only in the sample from

KAFB-106239. Among the total metals analyzed, calcium, magnesium, potassium, sodium, and arsenic were detected below the project screening level in all four extraction wells. Total lead was detected slightly above the project screening level (0.015 mg/L) in the samples from KAFB-106228 and KAFB-106234, and below the project screening level in the samples collected from KAFB-106233 and KAFB-106239.

7.3 EDB Removal

Mass removal for EDB was calculated for both treatment trains by multiplying the monthly influent concentration by the respective total weekly treated volume for the respective treatment train. During this monitoring period EDB concentrations were not observed above the laboratory detection limit within the Train 1 influent, therefore no mass was removed. An estimated 1.18 grams of EDB was captured and removed by Train 2. EDB concentrations and mass removal for Q2 2021 are summarized in Table 7-7.

7.4 Groundwater Treatment System Maintenance and Expansion Activities

Q2 2021 maintenance activities at the GWTS were performed in accordance with the O&M Plan (NMED, 2016; Kirtland AFB, 2016a, 2017d, 2018b) and are discussed in the following sections.

7.4.1 Routine Maintenance Activities

Routine maintenance is any activity described as such in the GWTS O&M Plan. A summary of routine maintenance activities is provided below.

7.4.1.1 Quarterly Routine Maintenance Activities

During Q2 2021, effluent bag filters for Train 2 were replaced on June 17, 2021. The Train 1 effluent bag filters were not replaced as they did not reach the differential pressure of 4 pounds per square inch (psi) required for replacement by the GWTS O&M Plan. Train 1 influent bag filters were replaced on June 16, 2021, and Train 2 influent bag filters were replaced on May 20, 2021.

The differential pressure at the initial GAC vessel on Train 1 was 2.8 psi on April 1, 2021, and, on June 30, 2021, the differential pressure was 3.1 psi (Daily and Weekly Inspection Logs within Appendix J-1). The differential pressure at the initial GAC vessel on Train 2 was 6.1 psi on April 1, 2021, and, on June 30, 2021, the differential pressure was 7.8 psi.

In Q2 2021, the influent basket strainers were cleaned 14 times for Train 1 and 15 times for Train 2. The effluent Wye strainers were cleaned three times for both trains. Wye strainers/basket strainers were cleaned to maintain equalization of the influent tanks and prevent cavitation at the influent pump intakes as they accumulate biologic materials coming in with the influent.

The GWTS routine maintenance schedule is provided in Table 7-8, and non-routine maintenance activities that were performed during Q2 2021 are discussed in Section 6.3.3 and in Table 7-9.

7.4.2 Conveyance Line Security and Administrative Controls

Kirtland AFB is registered as a line-owner with New Mexico 811 for the off-Base portion of the conveyance lines. U.S. Air Force permits are required for all on-Base excavation projects, and, during the quarter, Kirtland AFB responded to 12 off-Base tickets requested through New Mexico 811 (Appendix J-2). There were no conveyance line breaches, and all off-Base conveyance lines remained intact.

7.4.3 Non-Routine Maintenance Activities

Non-routine maintenance activities are defined as maintenance items that fall outside the scope of the GWTS O&M Plan but need to be addressed to maintain consistent GWTS operation. A summary of shutdowns associated with non-routine maintenance activities occurring during Q2 2021 is provided on Table 7-9. Major non-routine maintenance performed in Q2 2021 is described in the following paragraphs.

On April 8, 2021, KAFB-106239 went offline for approximately 35 minutes due to an overcurrent on the variable frequency drive (VFD). The treatment plant operator responded to the alarm and reset the VFD. Upon reset, the well pump was restarted and monitored to ensure amperage draw was within the manufacturer specified range.

On April 13, May 25, and June 8, 2021, the GWTS was shut down for testing on the uninterrupted power supply. This is done to ensure that all backup power supplies are functioning properly in the event of an unexpected system shutdown.

On April 16, 2021, the GWTS was shut down due to a faulty level transducer within injection well KAFB-106IN2. The GWTS treated effluent was directed to well KAFB-7, and the system was restarted. The fault level transducer was replaced on April 29, 2021.

From April 26 to April 29, 2021, the GWTS was offline intermittently for the conditioning of injection well KAFB-106IN2. The injection well conditioning consisted of a series of backwash and injection cycles that are performed to remove formational plugging in the subsurface and return capacity to the injection well.

Backwash cycles consisted of backwashing (pumping groundwater) the injection at a flow rate that is greater than the injection flow rate to remove sediment and condition the flow pathways in the subsurface. Water purged from the well during the backwash cycles was transferred to the GCMP via the effluent conveyance line. Backwash cycles consisted of backwashing (pumping groundwater) the injection at a flow rate that was greater than the injection flow rate to remove sediment and condition the flow pathways in the subsurface. Water purged from the well during the backwash cycles was transferred to the GCMP via the effluent conveyance line. Injection cycles consisted of the injection of treated effluent water into the well at the plant operational flow rate. Injection cycles consisted of the injection of treated effluent water into the well at the plant operational flow rate.

A total of 27 backwashing cycles and 7 injection cycles were performed during the well conditioning program, resulting in an increase of the injection specific capacity from 12.67 gpm per foot of screen to 29.06 gpm per foot of screen when injection well KAFB-106IN2 was placed back in service. The daily quality control reports for well conditioning are provided in Appendix J-1.

On June 22, 2021, there was a break in at the electrical shed associated with KAFB-106228. The pump was consequentially shut down overnight but was restarted by the morning of June 23, 2021. Additional locks and tamper resistant lock hasps were installed on the electrical shed to minimize the potential for future incidents.

On June 26, 2021, a power surge shut down wells KAFB-106233, KAFB-106234, and KAFB-106239. The power surge caused the wells pumps to be placed in standby condition instead of failed, and, as a result, no alarms were delivered. The issue was observed by the GWTS operation team during remote system inspections, and the well pumps were restarted.

7.5 Planned Work for the Upcoming Performance Period

O&M of the GWTS will be performed in accordance with the approved O&M Plan and Work Plan. At this time, no large item repairs or replacements are expected to occur during the upcoming quarter.

7.6 Summary of Public Meetings

A virtual public meeting was held on April 22, 2021, and included an update on the current state of the GWTS and discussions of pilot and shallow soil vapor studies associated with the Kirtland AFB BFF. The meeting lasted approximately 1.5 hours and included 58 attendees from the community including project personnel, stakeholders, elected officials, media members, and the general public.

8. INVESTIGATION-DERIVED WASTE

During Q2 2021, both hazardous and non-hazardous IDW were generated. This section discusses the details of waste generated, disposed of, and managed during the quarter.

The following activities generated IDW that was managed at the BFF site during Q2:

- GWM activities that generated both hazardous and non-hazardous liquid waste
- Activities related to pumping wells, injection wells, and new monitoring wells that generated non-hazardous waste
- Non-hazardous solid IDW from the GWTS operation and monitoring well installation

8.1 Non-Hazardous Investigation-Derived Waste

Non-hazardous IDW liquid waste was generated from quarterly GWM sampling activities and activities associated with well drilling and maintenance. Appendices K-1 and K-2 provide specific information regarding the non-hazardous liquid and solid IDW generated and disposed of during Q2 2021.

8.1.1 Groundwater Monitoring Liquid Investigation-Derived Waste

Non-hazardous IDW purge water collected during sampling of the GWM wells was placed in 55-gallon plastic drums. The drums were sealed with matching plastic lids with steel locking-ring collars, labeled with vinyl non-hazardous waste labels, and transferred to the designated non-hazardous IDW yard located on Kirtland AFB. Small volumes of IDW water, typically generated from passive sampling devices or sampling of drinking water wells, were placed in labeled, 5-gallon plastic buckets (pails) with sealing lids.

Eligibility for discharge of non-hazardous liquid IDW to the GWTS was determined by comparing historical, well-specific data from the previous two quarters to the acceptance criteria of the GWTS. Liquid IDW from monitoring wells that had historically met the GWTS acceptance criteria was discharged to the facility without further review. Liquid IDW sourced from wells with historical data from the previous two quarters that exceeded the GWTS acceptance criteria or displayed variations in data that warranted further reviews was held for further evaluation.

For Q2 2021, 890.25 gallons of non-hazardous water was generated from standard GWM activities and disposed of at the GWTS (Appendix K-1, Table K-1-1). A total of 358 gallons of non-hazardous liquids was disposed of at the GWTS from other sources in Q2 2021 (Appendix K-1, Table K-1-2). This waste met the GWTS acceptance criteria, was processed through the GWTS, and was discharged to the GCMP (Appendix K-1, Tables K-1-1 and K-1-2).

Some liquid IDW approved for GWTS disposal, but not yet processed through the GWTS due to scheduling constraints, GWTS discharge limitations, and/or O&M activities, is held until it can be disposed of properly. These liquids are held in the "Pending Disposal" area of the IDW yard. At the end of Q2 2021, no water originating from GWM and GWTS maintenance activities was present in this category (Appendix K-1, Table K-1-3).

Non-hazardous liquid IDW that was collected but held pending receipt and evaluation of analytical data to determine if it met GWTS acceptance criteria was placed in the "Pending Analysis" area of the IDW

yard. At the end of Q2 2021, there was one drum containing 7 gallons of liquid in this area (Appendix K-1, Table K-1-4).

8.1.2 Non-Hazardous Drilling Liquid Investigation-Derived Waste

In Q2 2021, 8,380 gallons of non-hazardous drilling-related liquid IDW was disposed of through the GWTS. This IDW was generated during Q1 2021 drilling and development of monitoring well activities. The liquids that met disposal criteria were processed through the GWTS (Appendix K-1, Table K-1-5).

8.1.3 Non-Hazardous Well Drilling Liquid Investigation-Derived Waste Pending Disposal

There were no non-hazardous drilling-associated liquids held as "Pending Disposal" or "Pending Analysis" at the end of the quarter (Appendix K-1, Tables K-1-6 and K-1-7).

8.1.4 Non-Hazardous Solid Waste

When solid waste is generated during the quarter, it is held in either 55-gallon steel drums with steel tops and locking rings or, depending on the total volume, in 20-yard capacity roll-off bins. Bin doors are sealed with an expanding foam to minimize the potential of leaks, and the bins are double lined with 10-millimeter plastic liners. Either integrated hard cover tops with ratcheting straps or removable, heavy-duty vinyl covers that are secured to the bin using heavy-duty rubber straps are used to protect the contents from weather or access by local fauna. Drums are placed on secondary containment pallets, and roll-off bins are placed on secondary containment composed of plastic sheeting with berm or rolled edges.

No non-hazardous solid waste was generated from GWM operations during Q2 2021 (Appendix K-2, Table K-2-1).

Approximately 0.24 cubic yards of waste salt that was generated from GWTS operations during Q1 2021 was disposed of during the current quarter. This waste was held in the "Pending Disposal" category until an appropriate off-Base disposal pathway was identified. The waste was transported by ACTenviro to the US Ecology disposal site in Nevada under manifest #D356879 (Appendix K-2, Table K-2-2).

Routine, non-hazardous solid waste was generated during GWM activities. This included various disposable field equipment and materials such as single-use dual membrane samplers, disposable in-line filters, nitrile gloves, and paper trash. These items were disposed of as municipal solid waste, and volumes were not tracked.

8.1.5 Non-Hazardous Well Drilling Solid Investigation-Derived Waste

During Q2 2021, non-hazardous soil was generated and managed during the drilling and development of six GWM wells. Drilling operations were managed by both EA and Sundance Consulting, Inc. (Sundance) during this period. Drilling-related waste was managed at independent IDW yards for each company. During Q2 2021, no solid IDW was held in the "Pending Disposal" status at the end of the quarter (Appendix K-2, Table K-2-3).

A total of 207.5 cubic yards of soil (drill cuttings) was disposed of during Q2 2021 (Appendix K-2, Table K-2-4). Roll-off bins containing non-hazardous soil were authorized by Kirtland AFB personnel for disposal at the Kirtland AFB Construction and Demolition landfill. Of the total volume, 102.5 cubic yards was managed by EA, and Sundance managed the disposal of 105 cubic yards of soil.

8.1.6 Special Waste Well Drilling Solid Investigation-Derived Waste

Special waste is defined as petroleum-contaminated soil that contains total petroleum hydrocarbons at concentrations greater than 100 milligrams per kilogram (Subparagraph [i] of Paragraph [13] of Subsection S of NMAC 20.9.2.7 (NMAC, 2011). No special waste was generated or disposed of during Q2 2021 (Appendix K-2, Table K-2-5).

8.2 Hazardous Investigation-Derived Waste

Hazardous or potentially hazardous IDW was accumulated in one of two less than 90-day RCRA accumulation areas associated with the Kirtland BFF Project. Hazardous waste generated from routine GWM sampling or well maintenance activities (purge or well rehabilitation water) was placed in the Kirtland BFF less than 90-day RCRA accumulation area. Hazardous or potentially hazardous waste generated during drilling activities was held in the Kirtland AFB Zia Park temporary less than 90-day RCRA accumulation area.

The hazardous or potentially hazardous waste was held pending final waste determination. Hazardous waste determination is based on either analytical confirmation data or by generator knowledge. If the waste was verified to be hazardous, the IDW would remain in this accumulation area until it was removed from Kirtland AFB and properly disposed of off-Base. If the IDW was determined to not meet hazardous waste criteria, it was recategorized as non-hazardous and transferred to the "Pending Disposal" area of the non-hazardous IDW yard.

All hazardous waste must be removed from Kirtland AFB and properly disposed of off-Base within the required 90-day accumulation time limit. Hazardous waste was transported off Kirtland AFB only after it was properly profiled, manifested, and approved for transport by Kirtland AFB. Waste was transported by a licensed hazardous waste hauler to a permitted treatment, storage, and disposal facility. Manifests for waste disposed in Q2 2021 are in Appendix K-3.

8.2.1 Liquid Hazardous Investigation-Derived Waste

Prior to the start of the Q2 2021 GWM sampling event, an evaluation was made to identify monitoring wells that were anticipated to generate characteristically hazardous liquid IDW. This evaluation flagged wells that required purge water to be managed as "hazardous" from the point of generation and assisted in the initial waste segregation. Based on historical analytical data for each well, the water was suspected to be characteristically hazardous if the concentration of benzene exceeded 500 µg/L (per 40 CFR Part 261.24). The hazardous waste classification code for waste containing benzene is D018.

For monitoring wells located in the source area of the groundwater plume that show consistent data to indicate the purge water to be hazardous, "Generator Knowledge" was used for hazardous waste determination per RCRA regulations 40 CFR 262.11(d)(1).

Liquid hazardous waste originating in purging of wells prior to sampling or during well development was placed in 55-gallon steel drums with steel tops and locking rings (UN designation 1A2/Y1.2/100/**). When small volumes (less than 5 gallons) of waste were generated at a well, a plastic container with a threaded top (jerrican) was used to contain the liquid. The jerrican was then placed in a 55-gallon steel drum for additional security. Waste containers were properly labeled, sealed, and placed on secondary containment pallets located within the appropriate less than 90-day RCRA accumulation area. The accumulation areas and waste containers were inspected on a weekly basis by trained personnel as required under 40 CFR 262.34.

When possible, liquid hazardous waste was consolidated. This was typically done to combine small volumes of waste generated during passive sampling activities at multiple well sites. Consolidation was also performed to reduce the total number of drums that require off-Base disposal.

A total of 172 gallons of liquid hazardous waste was disposed of during Q2 2021 (Appendix K-3, Table K-3-1); all this waste was generated during GWM activities. Clean Earth provided transportation of the waste from Kirtland AFB to Chemical Reclamation Services, LLC in Avalon, Texas, a permitted hazardous waste disposal facility (Appendix K-3).

There was no liquid hazardous waste held in the "Pending Disposal" category at the end of Q2 2021 (Appendix K-3, Table K-3-2a).

8.2.2 Solid Hazardous Investigation-Derived Waste

Solid (soil) waste is determined to be hazardous if it contains benzene at concentrations equal to or greater than the RCRA characteristic regulatory limit of 5.0 milligrams per kilogram. Based on the extensive history of analytical data from SWMUs ST-106/SS-111, no other organic or inorganic characteristic hazardous waste compounds are applicable to this site.

At the end of Q2 2021, there was no hazardous soil drilling waste held in the "Pending Disposal" category (Appendix K-3, Table K-3-2b).

8.2.3 Hazardous Investigation-Derived Waste Volume Year-to-Date Totals

Appendix K-3, Table K-3-3 summarizes the quarterly total volume of liquid hazardous waste disposed of from the Kirtland AFB BFF through Q2 2021. As of the end of Q2 2021, the total liquid hazardous waste disposed of on the Kirtland BFF Project in 2021 was 571 gallons. There was no solid (soil) hazardous waste generated or disposed of during Q1 or Q2 2021.

9. DEVIATIONS

9.1 Soil Vapor Monitoring

The soil vapor sample at SVMP KAFB-106139-250 was retaken on May 11, 2021, due to an inoperable Summa cannister with a stuck valve that prevented the laboratory from accessing the sample. The soil vapor samples at KAFB-106V3-007, KAFB-106V3-015, and KAFB-106V3-272 were retaken on June 24, 2021, as confirmation samples to compare to the initial analytical results at these new SVMPs.

9.2 Groundwater Monitoring

GWM deviations associated with gauging, groundwater sampling, or the interim measure are discussed below.

9.2.1 Groundwater and Light Non-Aqueous Phase Liquid Gauging

Gauging was not conducted at three wells during Q2 2021. At wells KAFB-106063 and KAFB-106064, gauging was not conducted during the synoptic gauging period due to dedicated sampling equipment in the wells. KAFB-106063 was gauged prior to sampling, and the water level is presented in this report for informational purposes only and was not used in analysis. Gauging was attempted at KAFB-106064 prior to sampling, but the dedicated downhole equipment prevented the interface probe from reaching the water level. KAFB-106252-515 is a piezometer in a new nested well location and was not included in the schedule for Q2 2021. These three wells will be gauged quarterly beginning in Q3 2021.

9.2.2 Groundwater Sampling

No groundwater sampling deviations occurred during Q2 2021.

9.3 Drinking Water Production Well Sampling

Samples were not collected from KAFB-016 in May or June 2021 as the well was being repaired. Sampling will be resumed after repairs are completed.

9.4 Interim Measure Operation and Monitoring

There were no deviations in the operation and monitoring of the interim measure during Q2 2021.

10. CONCLUSIONS AND RECOMMENDATIONS

10.1 Soil Vapor Data Interpretation

10.1.1 Field Monitoring and Analytical Conclusions

In the on-Base, outside of the Source Area AOI, the low O_2/high CO_2 environment indicates rate-limiting conditions for aerobic microbial activity and that aerobic biodegradation may be occurring at less-than-optimal conditions.

The bioventing pilot study, which had been ongoing in the source area, was terminated on November 23, 2020. In the Source Area AOI in Q2 and Q4 2020, all but three SVMPs reported O_2 levels greater than 5 percent, most likely a result of the bioventing pilot study being carried out in the area during that time. Now that bioventing activities have ceased, O_2 levels may again be dropping, with eight SVMPs registering O_2 levels below 5 percent in Q2 2021.

Results in the on-Base AOI located outside of the Source Area were consistent with previous sampling events. The highest soil vapor concentrations reported in this AOI were located adjacent to the source area and above the groundwater benzene plume.

Results in the off-Base AOI were consistent with previous sampling events with the highest soil vapor concentrations reported at 450 ft bgs.

10.1.2 Shallow Soil Vapor Comparison to NMED VISLs

The shallowest SVMPs at SWMUs ST-106/SS-111, screened from 7 to 25 ft bgs, were compared to NMED VISLs as a first-tier screening level (Table 10-1). As discussed in Section 2.1, the RCRA Permit (NMED, 2010) does not define regulatory project screening levels for soil gas samples collected from SVMPs. NMED VISLs were calculated using attenuation factors applied to EPA's indoor air screening levels. VISLs are intended to be screened against soil gas samples collected from below building foundations (EPA, 2015), however, no occupied buildings are present in the Source Area. NMED VISLs are used as a first-tier screening level in this report in accordance with NMED requirements in the comments to the Quarterly Monitoring Report for April-June 2019 dated July 2020 (NMED, 2020b), which is provided in Appendix A-1.

10.1.2.1 Off-Base Shallow SVMP VISL Exceedances

One nominal 25-ft SVMP in the Off-Base AOI, KAFB-106142-030, had a naphthalene detection of 32 µg/m^3, which exceeded the NMED Residential Soil Gas VISL (27.5 µg/m^3). This soil vapor point is located north of the Bullhead Park parking lot and not located near residential or commercial structures. In addition, the detection is inconsistent with historical data, and a naphthalene detection without high concentrations of any other fuel related compounds indicates that this detection is likely not attributable to the fuel release. However, this location will continue to be monitored in future sampling events (Table 10-1).

10.1.2.2 On-Base, Outside of the Source Area Shallow SVMP VISL Exceedances

The results of the first sampling event performed at KAFB-106V3 indicated that concentrations of both EDB and benzene exceeded their respective VISLs (1.56 µg/m^3 and 120 µg/m^3). KAFB-106V3 is a new soil vapor well that was installed in November 2020. The results of the first sampling event indicated

concentrations of 6.8 µg/m^3 EDB and 260 µg/m^3 benzene in the 7-ft screen and 12 µg/m^3 EDB and 160 µg/m^3 benzene in the 15-ft screen interval. The location is adjacent to, but not inside of, the historical excavation area. While the detections exceed the NMED Residential Soil Gas VISLs, only the EDB detection of 12 µg/m^3 at KAFB-106V3-015 exceeds the NMED Industrial Soil Gas VISL (7.65 µg/m^3). Neither benzene detection exceeds the NMED Industrial Soil Gas VISL (588 µg/m^3).

This location was resampled on June 24, 2021. Laboratory results from KAFB-106V3-007 were non-detect for EDB and below the NMED Residential Soil Gas VISL for benzene. Laboratory results from KAFB-106V3-015 were non-detect for both EDB and benzene (Table 10-1). The higher results from the first sampling event may be the result of displacement of soil vapor due to the high pressures exerted on the soils by the air rotary drilling techniques employed in the construction of this well shortly before the initial Q2 2021 sampling event. If this is the case, the June 2021 resampling data is more indicative of a return of contaminant concentrations to equilibrium around this wellbore. These SVMPs will continue to be monitored.

Samples collected from three shallow SVMPs (KAFB-106132-025, KAFB-106133-025, and KAFB-106135-025), centered around the Air National Guard facility and approximately 750 ft east-northeast of the source area, contained trichloroethene at concentrations in exceedance of the VISL (69.5 µg/m^3). These detections are likely related to Area of Concern SS-400, a recently established chlorinated solvent site in the vicinity of the Air National Guard facility (NMED, 2020c).

Three compounds had detections exceeding the residential soil gas VISL in the vicinity of the former fuel tanks. Bromodichloromethane exceeded the residential soil gas VISL at six locations in the vicinity of the former fuel tanks in the BFF, with a maximum detected concentration of 270 µg/m^3 at KAFB-106123-025. Chloroform exceeded the residential soil gas VISL at eight locations around the former fuel tanks, with a maximum detection of 1,300 µg/m^3 at KAFB-106124-025. Naphthalene also exceeded the residential VISL, with a detection of 37 µg/m^3 at KAFB-106123-025. Due to their location, including sample depth and distance from buildings, these detections are not considered to be related to the BFF release and do not require additional investigation at this time.

10.1.2.3 On-Base, Inside the Source Area Shallow SVMP VISL Exceedances

There are no SVMPs within the nominal 25-ft depth interval within the source area.

10.2 Groundwater Data Interpretation

10.2.1 Aquifer Conditions

The horizontal groundwater gradient within the monitoring network is dominated by radial flow patterns toward depressions in the water table created by groundwater extraction wells. Water levels across the site rose in the first half of 2021, resulting in an average water level increase of 1.25 ft since Q4 2020. More recently, water levels decreased by 0.02 ft between the first and second quarters of 2021.

Water levels have been rising across the site since 2008, when the San-Juan Chama Drinking Water Project became operational and the quantity of groundwater used by the City of Albuquerque decreased. The recent decline observed in 2021 may be attributed to additional City of Albuquerque and Kirtland AFB production well pumping due to drought conditions.

10.2.2 Light Non-Aqueous Phase Liquid

During gauging, LNAPL was detected and measured in five wells located on-Base within the Source Area Plume (KAFB-106005, KAFB-106059, KAFB-106076, KAFB-106150-484, and KAFB-106154-484), consistent with previous quarters (Table 10-2). LNAPL thickness ranged from 0.01 ft in KAFB-106005, KAFB-106059, and KAFB-106076 to 0.39 ft in KAFB-106150-484 (Figure 5-4).

The historical extent of LNAPL has decreased since GWM began. LNAPL detections since 2011 are presented on Table 10-2. Within the past 5 years, the extent of LNAPL detections has been only at on-Base locations, with the majority of detections within the past year located within or immediately adjacent to the BFF (Figure 5-4).

Each of the wells with historical LNAPL detections is either screened across the water table or is located in close proximity to a well that is currently screened across the water table. In some of these locations, the well sampled was installed within the past two years to fill a previous data gap created by the rising water table that submerged screens across the monitoring network. The newer water table wells provide additional data points to assist with the analysis of conditions at the water table.

10.2.3 Dissolved-Phase EDB and BTEX Plumes

The bulk of EDB and BTEX concentrations in excess of their respective MCLs occurs in REI 4857 south of Ridgecrest Drive SE (Figures 5-5 through 5-10). Only four EDB exceedances of the MCL were detected within the IMOA, in REIs 4857 and 4838; however, the northern plume appears slightly larger than historical depictions. This is due to extraction well KAFB-106234 operating as designed. This mass will eventually be captured by this extraction well (Figure 5-5) because the capture analysis indicates that the plume is 100 percent captured by the IM (see Section 10.4). Note that Figure 5-5 utilizes the primary sample value of 0.019 J µg/L for well KAFB-106225 (Table 5-5) because the primary results are used in the discussion of analytical results, while duplicate results are used for quality control purposes. The duplicate value of 0.041 µg/L was utilized for the modeling discussed in Section 10.4.1 in order to present the most conservative value. Benzene concentrations in excess of the MCL were not detected north of Ridgecrest Drive SE in Q2 2021.

10.3 Drinking Water Supply Well Data Interpretation

Drinking water supply well organic and inorganic analytical data are provided in Tables 6-1 and 6-2, respectively. Consistent with previous monitoring events, no detectable concentrations of EDB or BTEX were observed in the drinking water supply well samples in Q2 2021 (Table 6-1).

10.4 Interim Measure Operation Data Interpretation

The pump-and-treat interim measure to contain the dissolved-phase EDB groundwater plume is being implemented pursuant to the corrective action provisions in Part 6 of Kirtland AFB's RCRA Permit. As discussed above, this interim measure focuses on the collapse and treatment of the dissolved-phase EDB concentrations in groundwater that extend north of Ridgecrest Drive SE, the IMOA. It does not address dissolved-phase EDB or other fuel-related constituent concentrations present in the source area located south of Ridgecrest Drive SE. The fuel release-related contamination south of Ridgecrest Drive SE will be comprehensively addressed in the Corrective Measures Implementation phase once the final remedy for the source area has been selected by NMED.

The principal goals of the groundwater interim measure are to:

- Collapse the dissolved-phase EDB plume within the IMOA, which includes reducing the volume and EDB mass over time

- Halt plume expansion in the dissolved-phase EDB plume in the IMOA and provide protection to water supply wells by hydraulic capture of the dissolved-phase EDB utilizing well pumping

Measuring the attainment of these goals during implementation of both the interim measure and the final remedy is referred to as performance assessment.

Defining the effectiveness of the interim measure in achieving the first goal of collapsing the plume is performed by analyzing groundwater samples for the presence and concentration of EDB and interpolating the extent of the plume based on these analyses. Groundwater samples are collected and analyzed in Q2 and Q4 of each year, and the plume volume and mass are interpolated for each sampling period. In this way, the effect of interim measure extraction on the extent of the plume can be observed and quantified. This analysis also provides a domain against which the interim measure's capture potential (second goal) can be evaluated.

The second goal, referred to as plume capture by EPA (EPA, 2008) and in this report, provides mitigation of impact to receptors prior to implementation of the final remedy. Performance assessment of the EDB pump-and-treat interim measure is performed in Q2 and Q4 of each year using the EPA Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems (EPA, 2008). Performance assessment, consisting of multiple lines of evidence including numerical modeling, was approved by NMED on April 23, 2018 (NMED, 2018c) in resolution of the modeling component of the Notice of Deficiency issued to Kirtland AFB on November 16, 2017 (NMED, 2017d).

EPA (2008) highlights six key steps for systematically performing a capture zone evaluation (detailed in Section 6.4.2). Quoting from this document:

> *Specific techniques to interpret the extent of capture achieved by the ground-water extraction are applied in Steps 3 to 5. Each of these techniques is subject to limitations, and in most cases, no single line of evidence will conclusively differentiate between successful and failed capture. Therefore, developing "converging lines of evidence," by applying multiple techniques to evaluate capture, increases confidence in the conclusions of the capture zone analysis.*

This section details the evaluation of the volume and mass of the dissolved phase EDB plume in the IMOA, referred to as the target capture zone (TCZ). The evaluation relies on field sampling results and assesses TCZ capture based on current water level measurements and concentration trends. The efficiency of the interim measure extraction network is quantified by first determining the volume and mass of the current TCZ that is captured under the current hydrogeologic conditions by the interim measure extraction network, then the remaining TCZ volume and mass not captured is compared to the initial TCZ volume and mass as defined by the Q4 2016 TCZ delineation. The capture under current conditions is presented as a percentage of the initial TCZ volume and mass, which was the design objective for the extraction network. The results from this analysis estimates 100 percent capture of the volume and mass of the initial TCZ by the interim measure extraction system under Q2 2021 conditions.

Specific lines of evidence used to assess the TCZ include:

- Interpretation of collected water level data
- Evaluation of concentration trends

This performance assessment is a snapshot of the system's performance at the time of the synoptic gauging event and is designed to evaluate point-in-time capture produced by the interim measure extraction system. It does not provide an integrated assessment of capture throughout Q2 2021, and it is not intended to be a final remedy evaluation.

10.4.1 Plume Collapse Analysis

This section describes the analyses designed to quantify the distribution of dissolved-phase EDB mass and volume within the aquifer over the course of the interim measure. The interim measure goal is to reduce the mass and volume of contaminated media by containing, capturing, and treating contaminated groundwater in the IMOA.

As discussed in Section 5, the IMOA for the groundwater interim measure is the distal section of the EDB plume located north of Ridgecrest Drive SE. The TCZ within the IMOA is defined in accordance with EPA 2008 guidance. The definition used by EPA defines the TCZ as the three-dimensional (3D) zone of groundwater that must be captured by the remedy extraction wells for the hydraulic containment portion of the remedy to be considered successful. The 3D zone of groundwater that must be captured by the interim measure extraction wells (i.e., the TCZ) is defined as the MCL for dissolved EDB, 0.05 µg/L. The iso-shell delineating the cleanup standard is defined as the 3D polygon with a periphery concentration of 0.05 µg/L. Collapse of the TCZ is the long-term goal; therefore, establishing a consistent method of measurement that allows comparison of plume mass and volume trends over the duration of cleanup activities is essential.

The effectiveness of the interim measure is evaluated by comparing the most recent dissolved-phase EDB delineation with past delineations. EDB concentration data are collected and analyzed from the full GWM network in Q2 and Q4 of each year. Therefore, dissolved-phase EDB delineations are updated on this schedule, and plume comparisons are presented in the reports associated with these quarters. All delineation updates are performed using the same methodology with the only variations being the insertion of the current EDB concentration data, addition of any new monitoring wells since the last assessment, and allowance of volume variation due to resetting the plume upper surface to the current water table surface. The EDB iso-shell was simulated in three dimensions and is only used for TCZ analysis purposes in this section. Plume delineations discussed in Section 5 are based on two-dimensional interpolations of specific REI concentration measurements in order to graphically illustrate the individual measurements without the projection of overlying or underlying concentration data. Figures 5-5 (REI 4857) and 5-6 (REI 4838) represent the EDB plume manually interpolated using the measured monitoring data collected in Q2 2021. All EDB concentrations presented in Figure 5-7 (EDB in REI 4814) are non-detect.

Figure 10-1 shows the interpolated TCZ delineations for the last four synoptic measuring periods, as well as the TCZ delineation for Q4 2016 for baseline comparison. The TCZ volume changes between measuring periods as a result of the changing regional water table and interim measure extraction activity. The volume and mass of the TCZ is calculated for each assessment period shown in Figure 10-1, and the values are listed in Table 10-3.

As can be seen in both Figure 10-1 and Table 10-3, the volume and mass of the TCZ have reduced significantly over time. In Q4 2016, 15 months after the first interim measure extraction well KAFB-106228 became active, the TCZ volume and mass were estimated at 1.15E+08 cubic ft and 103.94 grams, respectively. Both of these values have been on a decreasing trend over the last 5 years with the current plume volume and mass estimated at 1.02E+07 cubic ft and 4.8 grams, respectively. This represents a 91.1 percent decrease in TCZ volume and a 95.3 percent decrease in TCZ mass from Q4 2016.

Figure 10-2 shows a cross-section comparison of the TCZ extent in Q4 2020 and Q2 2021. The plume has been cut along the T1A transect that, in general, runs along the longitudinal axis of the plume from southwest to northeast. The plume is shown transparent against the stratigraphic layers of the saturated portion of the aquifer along this transect developed by AECOM (2016) so that the shape and movement of the plume can be compared to the location and extent of coarse-grained (white) and fine-grained (gray) lithology as coarse-grained sediments are generally more permeable and conductive and may provide pathways for plume movement.

Beginning in Q2 2019, the plume collapse analysis was modified to focus on dissolved-phase EDB mass and volume changes solely for the TCZ, the plume extent in the IMOA. East-west transect intervals were started at, and were oriented parallel to, Ridgecrest Drive SE. The total number of analysis intervals was reduced from 11 to 6 (A through F) (Figure 10-2). Both Figure 10-2 and Table 10-3 list the volume and mass of each interval and summarize these for total TCZ plume characterization. In order to retain mass and volume change comparisons, the modified analysis was repeated on dissolved-phase EDB plumes derived for Q4 2016 through Q2 2018 performance assessments. Figure 10-2 shows a graphic comparison of the Q4 2020 and Q2 2021 analyses, while Table 10-3 summarizes the analysis comparisons from Q4 2016 to Q2 2021. The dissolved-phase EDB mass values (in grams) assume a uniform total porosity of 25 percent for the contaminated thickness of the aquifer.

In Q2 2021, the total mass in the TCZ decreased by 0.4 grams from 5.2 to 4.8 grams. The decrease in mass is due to the removal of a significant portion of the mass that had collected around interim measure extraction well KAFB-106228. The decrease in plume mass around KAFB-106228 is due to a decrease in measured dissolved EDB concentrations, compared to Q4 2020 measurements, in five monitoring wells (Table 5-6): EDB in KAFB-106035 decreased from 0.06 to 0.031 parts per billion (ppb), EDB in KAFB-106036 decreased from 0.12 to 0.09 ppb, EDB in KAFB-106037 decreased from 0.059 ppb to below detection, EDB in KAFB-106089 decreased from 0.074 to 0.048 ppb, and EDB in KAFB-106243-425 decreased from 0.042 to 0.03 ppb. Interpolation based on these concentration decreases resulted in a total mass decrease for interval A of 0.5 grams (from 1.7 to 1.2 grams), for interval B of 1.9 grams (from 2.2 to 0.3 grams), and for interval C of 0.6 grams (from 0.7 to 0.1 grams) as shown in Figure 10-2 and Table 10-3.

The reduction in mass around KAFB-106228 is offset by an estimated increase in mass associated with the isolated plume segment located south of interim measure extraction well KAFB-106234 (Figure 10-2). The increase in plume mass in this location is due to an increase in measured dissolved EDB concentrations, compared to Q4 2020 measurements, in three monitoring wells (Tables 5-5 and 5-6): EDB in KAFB-106041 increased from 0.074 to 0.098 ppb, EDB in KAFB-106042 increased from 0.043 to 0.056 ppb, and EDB in KAFB-106225 increased from 0.017 to 0.041 ppb. Interpolation based on these concentration increases resulted in a total mass increase for interval D of 1.9 grams (from 0.7 to 2.6 grams) and for interval E of 0.6 grams (from 0.0 to 0.6 grams) as shown in Figure 10-2 and Table 10-3. The increase in concentration in monitoring well KAFB-106225 indicates that the mass in this plume segment is migrating towards extraction at interim measure well KAFB-106234. It should be noted that the primary sample from KAFB-106225 had an estimated concentration of 0.019 ppb, but the higher value from the field duplicate sample was used in this analysis.

This analysis shows that the interim measure has collapsed the TCZ over the last 5 years and is currently containing the remaining mass with the bulk of the remaining volume and mass north of Ridgecrest Drive SE being located south of interim measure well KAFB-106234, or present just north of Ridgecrest Drive SE as an extension of the Source Area Plume. Overall, the plume analysis reveals the general pattern of dissolved-phase EDB volume and mass response expected due to interim measure system extraction.

10.4.2 Plume Capture Evaluation

As described in Section 10.4, one of the goals of the interim measure is to halt the migration of the EDB plume toward municipal drinking water wells. The degree to which the interim measure is achieving this goal is defined by performing a capture evaluation during each assessment period. The subsections below describe the methods and results of the capture evaluation being utilized to assess the effectiveness of the interim measure. The evaluation follows EPA capture evaluation guidelines defined as a six-step process (EPA, 2008):

- Step 1: Review site data, site conceptual model, and remedy objectives
- Step 2: Define site-specific TCZ
- Step 3: Interpret water levels
    - Potentiometric surface maps (horizontal capture)
    - Water level difference maps (vertical capture)
    - Water level pairs (gradient control points)
- Step 4: Perform calculations
    - Estimate flow rate calculation
    - Capture zone width calculation
    - Modeling (analytical or numerical) to simulate water levels, in conjunction with particle tracking and/or transport modeling
- Step 5: Evaluate concentration trends
- Step 6: Interpret actual capture based on Steps 3 through 5, compare to TCZ, and assess uncertainties and data gaps

As defined by EPA, a "Capture Zone" refers to the 3D region in an aquifer system that contributes the groundwater extracted by one or more wells (EPA, 2008). The purpose of the performance assessment is to assess hydraulic containment produced by each interim measure extraction well at a single point in time (period of gauging) and compare it to the TCZ (dissolved EDB concentrations above the MCL). The percentage of the plume contained will be identified as captured, meaning that if conditions do not change, the contained portion of the plume will eventually flow to the extraction well and be removed from the aquifer. The terms "capture" and "contained" are used interchangeably representing the above definition.

Steps 3 through 5 represent techniques for systematically evaluating capture and each has limitations, meaning that no single line of evidence will conclusively differentiate between successful and failed capture. Therefore, in order to increase the confidence in the conclusions of a capture zone analysis, multiple techniques are applied so that converging lines of evidence can be developed. This section

describes the methods and results for each line of evidence used to evaluate dissolved-phase EDB capture at Kirtland AFB BFF. Descriptions of the methodologies utilized are provided in Appendix B-3.

10.4.2.1 Step 1: Review Site Data, Site Conceptual Model, and Remedy Objectives

EPA (2008) identifies four prerequisites for establishing meaningful TCZs. These prerequisites are cited below, followed by responses to the posed questions.

1. *Is the plume adequately delineated in three dimensions?*

   Yes, plume delineation is accomplished through the GWM network gauging and sampling activities described in Section 5, along with the gauging of 32 wells that are not in the GWM network (Appendix H-2). In Q2 2021, the groundwater level and water chemistry monitoring network included 173 and 167 monitoring wells, respectively. A total of 135 wells are located in vertical profiles with two-, three-, or four-well nests/clusters designed to monitor vertical gradients and 3D water chemistry. Nested wells are wells that are located within the same borehole. Clustered wells are individual well screens that were installed at different depths and generally located within 50 ft of each other laterally and 80 ft of each other vertically. The 42 well nests/clusters consist of nine nested wells (13 well screens/sample points) and 33 clustered wells (115 well screen/sample points). The use of multiple well screens at different depths allows for assessment of the plume in three dimensions.

2. *Is there adequate hydrogeologic information for performing capture zone evaluations?*

   Yes, quarterly analyses are used to identify data gaps and define locations for additional monitoring wells. Based on this information, the performance of the monitoring well network can be continually improved when new wells are installed to fill in the data gaps. A summary of hydrogeologic information used for the capture zone evaluations follows:

   - Groundwater levels across the site are measured during 3- to 5-day synoptic periods every quarter (note that "groundwater level" and "head" are used interchangeably). Based on screen interval elevations, the monitoring well network has been divided into three horizons/REIs that allow for a systematic way to analyze the horizontal flow and vertical gradients at depth in the aquifer.

   - Water chemistry data are collected from the entire monitoring well network in Q2 and Q4 of every year in order to define and monitor the extent and character of contaminant concentrations, including dissolved-phase EDB addressed in this section.

   - Quarterly water level measurements have shown that the groundwater levels in the project area have been increasing at an average rate of approximately 3.3 ft per year since 2013. However, groundwater levels across the project area decreased in the latter half of 2020, presumably due to additional groundwater extraction for drinking purposes both on-Base and off-Base in response to drought conditions (Table 5-2). Groundwater levels rose by an average of 1.3 ft between the Q4 2020 and Q2 2021 gauging events. In Q2 2021, well screens of 38 monitoring wells within the GWM network were unsubmerged.

3. *Is there a site conceptual model (not a numerical model)?*

   Yes, the plume exists in an unconfined aquifer characterized by coarse-grained, braided river deposits with a northeast-southwest-oriented channel axis (AECOM, 2016). Silt and clay units representing overbank, backwater, and/or floodplain deposits are interbedded with the coarser grained channel deposits.

   Due to relatively high evapotranspiration rates, recharge from the ground surface is usually negative. The primary source of recharge to the aquifer is from mountain front runoff and from seepage from the Rio Grande and its tributary streams and arroyos (AECOM, 2016).

   In a study of the hydrologic system of the Middle Rio Grande Basin (Bartolino and Cole, 2002), USGS states, "Though the aquifer is under confined conditions locally, it is considered to be an unconfined aquifer as a whole. (For groundwater flow modeling, the upper part of the aquifer system is treated as unconfined and the lower part as confined.)."

   The network currently incorporates 26 nested and co-located groundwater level monitoring locations (Figures 10-3 and 10-4 and Tables 10-4 and 10-5) within the IMOA, which measure pressure at vertically distinct horizons in the aquifer at relatively the same lateral location (for this discussion, wells are considered nested if the wells being compared are located less than 180 ft apart). While 23 of the nested and co-located locations gauge groundwater levels at three distinct vertical elevations, three locations gauge groundwater levels at only two elevations (one location in the upper portion of the aquifer and two locations in the lower portion). Well pairs are evaluated across the entire plume in conjunction with the Step 3 potentiometric surface analysis. Aquifer confinement would be indicated by differences in pressure between vertical nested wells.

   A comparison of the head difference between the shallow (REI 4857) and intermediate (REI 4838) monitoring location for each of the 24 well pairs shows that 63 percent (15 well pairs) represent unconfined conditions, having vertical pressure differences of between -0.1 ft and 0.1 ft (head difference rounded to the nearest tenth of a foot) (Table 10-4). The remaining 9 well pairs are scattered throughout the monitored groundwater network for the IMOA representing localized aquifer separation due to discontinuous interbedded fine grain lenses between the nested well screens. A comparison of the head difference between the intermediate (REI 4838) and deep (REI 4814) monitoring location for each of the 25 well pairs shows that 68 percent (17 well pairs) represents unconfined conditions, having vertical pressure differences of between -0.1 ft and 0.1 ft (Table 10-5). Similar to the upper comparison, the remaining 8 well pairs are scattered around the project area representing localized aquifer separation due to discontinuous interbedded fine grain lenses between the nested well screens.

   The section of aquifer upon which the hydraulic containment analyses presented in this section are performed includes the upper part of the Santa Fe Group (Middle Rio Grande Basin), above the uppermost confining unit referred to as A2 (AECOM, 2015).

4. *Is the objective of the remedy clearly stated?*

   Yes, the objective of the groundwater pump-and-treat system is hydraulic containment (capture) and collapse of the dissolved-phase EDB is greater than 0.05 µg/L north of Ridgecrest Drive SE (TCZ).

10.4.2.2 Step 2: Define Site-Specific Target Capture Zone

According to EPA (2008), the *TCZ is defined herein as the 3D zone of groundwater that must be captured by the remedy extraction wells for the hydraulic containment portion of the remedy to be considered successful. This will depend on the site-specific remedy objectives (Step 1).*

- Water chemistry analyses for samples collected from vertically nested wells have shown that EDB in concentrations above the detection limit do not extend throughout the entire thickness of the aquifer; therefore, a 3D delineation of the TCZ is required.

- Samples for determining EDB concentrations are collected and analyzed from the full GWM network during Q2 and Q4 of each year. Therefore, dissolved-phase EDB delineations and plume comparisons are updated in the respective reports. All delineation updates are performed using the same methodology with the only variations being the insertion of the current EDB concentration data, addition of any new monitoring wells since the last assessment, and allowance of volume increase due by resetting the plume upper surface to the current water table surface.

EPA (2008) also states that *the TCZ should be defined in terms of specific criteria, such as a specific concentration contour or a geographical boundary along which an inward hydraulic gradient is to be established.*

- The 3D zone of groundwater (the iso-shell) that must be captured by the interim measure extraction wells (i.e., the TCZ) is defined as the MCL for dissolved EDB, 0.05 µg/L.

The plume delineation produced in Step 2 estimates the volume and mass of the TCZ against which the interim measure capture potential for each evaluation period is gauged. As shown in Section 10.4.1, the volume and mass of the TCZ has continued to decrease over time, meaning that the interim measure capture target has decreased. It is important to note that the decreasing plume extent affects how the effectiveness of interim measure capture is reported. For example, if the interim measure is found to capture all but 1 gram of EDB mass in the TCZ in Q4 2016, this would result in an estimated capture potential of 99 percent, while if the interim measure is found to capture all but 1 gram of EDB mass in the current TCZ, the estimated capture potential would be only 58 percent. While the two capture percentages are very different, they both represent the same amount of uncaptured mass. For this reason, the interim measure capture potential will be reported in volume and mass values, percent of current TCZ, and percent of initial TCZ that is represented by the Q4 2016 baseline TCZ delineation. The final determination of interim measure capture for the evaluation period will be based on the percent of initial TCZ captured.

10.4.2.3 Step 3: Interpret Water Levels

EPA (2008) states that *for most sites, it is appropriate to analyze groundwater flow patterns in three dimensions (i.e., both horizontal and vertical). The potential for vertical transport of contaminants to underlying or overlying aquifers should be considered. Three-dimensionality of groundwater flow patterns in the vicinity of pumping wells should also be considered.*

Horizontal and vertical hydraulic capture analyses are based on defining the direction of groundwater flow through mapping pressure in the aquifer from discrete gauging points (monitoring wells). The purpose of the performance assessment is to delineate the zone of hydraulic containment produced by each interim measure extraction well at a single point in time (period of gauging) and compare to the TCZ (dissolved-phase EDB north of Ridgecrest Drive SE).

The percentage of the plume within the containment zone will be identified as contained; meaning that, if conditions do not change, the contained portion of the dissolved-phase EDB will eventually flow to the extraction well and be removed from the aquifer. The current capture zone analyses were conducted using groundwater head and EDB concentration data sets collected during this monitoring event (Section 5 above).

It should be noted that Steps 3a and 3b, which are discussed below, are capture analyses that do not rely on the delineation or interpretation of drawdown. Drawdown is the change of water level due to groundwater extraction. It is calculated by subtracting the water level measured under pumping conditions from the water level measured without pumping. The "cone of depression" (i.e., drawdown) caused by extraction from one or more locations does not represent the capture zone associated with that extraction.

If a regional hydraulic gradient exists (which it does across the project area), there are locations outside the capture zone where drawdown due to pumping is observed. These analyses define capture by delineating the flow field under pumping conditions only.

Step 3a: Potentiometric Surface Maps (Horizontal Capture Analysis)

EPA (2008) states that *horizontal capture is defined by a bounding flow line, within which all other flow lines reach an extraction location. The delineation of the capture zone in this manner is a derived interpretation since water level contours must first be interpreted from water level values.*

Water level maps indicate contours of water levels within the aquifer from which the extent of horizontal capture can be interpreted. Flow lines are interpreted as perpendicular lines to water level contours. The method used in this analysis uses Esri Spatial Analyst to develop potentiometric surface grids (analogous to groundwater level contours) from measured groundwater levels, then converts the potentiometric surface grid into flow direction grids (analogues to flow lines). From the flow direction grids, still using Spatial Analyst, the hydraulic divides defining capture by each interim measure extraction well are delineated.

Capture analyses are performed in Q2 and Q4 of each year when dissolved-phase EDB delineations are updated. The horizontal capture analysis for the current TCZ, previous TCZs, including the baseline TCZ, (Q4 2016) are summarized in Table 10-6.

Figure 10-5 shows the horizontal capture of the portion of the Q2 2021 TCZ within REI 4857. Within the REI 4857 TCZ, the interim measure was shown to capture 99.6 percent of the dissolved-phase EDB volume and 99.7 percent of the mass (Table 10-6). Table 10-7 shows REI 4857 TCZ capture divided among the four extraction wells that were active during the synoptic gauging period (KAFB-106228, KAFB-106233, KAFB-106234, and KAFB-106239). With respect to REI 4857, the performance of the interim measure extraction wells is detailed below:

- Extraction well KAFB-106234 was the most effective with capturing 66.8 percent of the TCZ volume and 71.5 percent of the TCZ mass.
- KAFB-106239 captured 28.6 percent of the TCZ volume and 24.6 percent of the mass.
- KAFB-106228 captured 3.4 percent of the TCZ volume and 3.0 percent of the TCZ mass.
- KAFB-106233 captured 0.8 percent of the TCZ volume and 0.7 percent of the TCZ mass (Table 10-7).

Figure 10-6 shows the horizontal capture of the TCZ within REI 4838 during Q2 2021. With respect to capture in the current TCZ, the interim measure resulted in the horizontal capture of 100.0 percent of the dissolved-phase EDB volume and mass (Table 10-6). The following describes the performance of the IM extraction wells within the REI 4838 TCZ (Table 10-7):

- Extraction well KAFB-106228 was the most effective, capturing 85.8 percent of the dissolved-phase EDB volume and 86.6 percent of the mass.

- KAFB-106234 captured 14.2 percent of the dissolved-phase EDB volume and 13.4 percent of the mass.

- Even though KAFB-106233 and KAFB-106239 were active, their capture zones did not intercept any of the REI 4838 TCZ volume.

There is no horizontal mass capture assessment for the REI 4814 TCZ because there were no EDB detections in excess of the MCL in REI 4814 (Figure 10-7). With respect to the total current TCZ (EDB plume within the IMOA), the interim measure resulted in the horizontal capture of 99.7 percent of the dissolved-phase EDB volume and mass (Table 10-6).

Combining the TCZ volume and mass capture analyses for both REIs 4857 and 4838, the interim measure resulted in the horizontal capture of 1.02E+07 cubic ft and 4.8 grams of the current TCZ volume and mass, respectively (Table 10-8). This equates to a capture of 100.0 percent of the initial TCZ volume and mass under Q2 2021 groundwater conditions.

With the addition of the 21 water table wells, six in Q4 2018, nine in Q1 2019, and six in Q2 2021, the flow directions and hydraulic containment along the saturated/unsaturated interface can start to be analyzed. Combining data from the additional wells and from the existing wells with screens not submerged or slightly submerged (top of screen less than 5.0 ft below the water table) in REI 4857, a water table surface will be interpolated.

Figure 10-8 shows the interpolated water table surface within the IMOA based on groundwater levels from unsubmerged screens for Q2 2021. Since this analysis merges with REI 4857 at locations throughout the domain, a unique plume split cannot be developed; however, hydraulic containment can be represented graphically by placing delineated water table containment basins over the REI 4857 plume outline as defined by dissolved-phase EDB. The data presented in Figure 10-8 indicate that along the water table, the flow directions for the TCZ are toward either interim measure extraction wells KAFB-106228 or KAFB-106234. While the potential cannot be ruled out, the likelihood of EDB migrating away from the interim measure extraction wells along the water table is very low.

Below is a list of parameters used for the interpretation of horizontal capture cited by EPA (EPA, 2008) to be considered and how this assessment addresses them:

- Are the number and distribution of measurement locations adequate?

    - Yes, while there is no rule regarding the “correct” amount of groundwater level data (EPA, 2008), each of the four interim extraction wells is surrounded by five to eight nested monitoring wells indicating the direction of flow radially around the extraction well and at depth. Groundwater level monitoring is also conducted within, at the perimeter, and

downgradient of the TCZ to interpret groundwater flow patterns and the associated capture zone.

- ― Contouring accuracy will increase as data points are added. Measurement locations have improved with the installation of 21 new wells between Q4 2018 and Q2 2021, as discussed above. Well locations are shown on Figure 3-2.

- Are water levels included in the vicinity of extraction wells (and have well inefficiency and losses been considered at extraction well locations)?

  - ― Yes, for extraction wells KAFB-106228 and KAFB-106233, which have nested monitoring wells located less than 55 ft away.

  - ― Yes, for extraction well KAFB-106234, with the addition of monitoring KAFB-106252-425 in Q2 2021 located 62 ft away.

  - ― No, for extraction well KAFB-106239; where the closest monitoring well is 150 ft away.

  - ― The water level measured in an extraction well is typically lower than the level in the adjacent aquifer due to well inefficiency and well losses (EPA, 2008). Therefore, groundwater levels at the extraction wells are estimated through linear interpolation using the measured head in the closest monitoring well to the extraction well and all other neighboring monitoring wells.

- Has the horizontal capture evaluation been performed individually for all pertinent horizontal units?

  - ― Yes, horizontal capture is performed in three REIs covering the extraction screen interval and is reported for each REI containing a portion of the TCZ.

- Is there bias based on contouring algorithm?

  - ― No, the potentiometric surface for each REI is interpolated using a natural neighbor algorithm that honors all measured values, places contours based on the distance between any one well and all of its neighboring wells and eliminates over- and under-run estimates related to the gradient between neighboring wells.

  - ― Uncertainty still exists as the method assumes that all ridges and valleys (divides) in the potentiometric surface are represented by the monitoring well network.

- Is representation of transient influences adequate?

  - ― No, but the data required to perform a fully transient evaluation are not available. Groundwater level measurements are only available for Q2 and Q4 of each year except at four locations within the model domain. Water supply well extraction rate data (on- and off-Base) are only available as monthly total volumes. It is recognized that extraction within and surrounding the project area is transient and, therefore, the regional gradient across the site is transient, requiring continual updating of the capture assessment currently scheduled to occur twice a year. As discussed in Section 10.4 above, this performance assessment is a snapshot of the system's performance. The transient nature of the system is addressed by

performing multiple capture assessments each year under different hydrogeologic conditions defined by assessment concurrent synoptic data collection events including groundwater gauging and water chemistry sampling. EPA guidance emphasizes that while the modeling used for this biannual performance assessment is a tool for evaluating and improving the site conceptual model, predicting capture zones, and evaluating alternative remediation scenarios, capture zone effectiveness is "ultimately determined by field monitoring."

- Has the potential for vertical transport been neglected when evaluating horizontal capture?

  — No, vertical transport potential is assessed separately from, but in conjunction with, horizontal capture (see next section). Horizontal capture is assessed by REI volume, and vertical transport is assessed between REIs.

Step 3b: Water Level Difference Maps (Vertical Capture Analysis)

EPA (2008) states that *water levels between adjacent hydrogeologic units are evaluated to indicate zones of upward versus downward flow. The analysis can be based on vertical head differences or vertical gradients (the head difference divided by the vertical distance between measurements).*

The vertical capture analysis for the interim measure TCZ for the current monitoring period is summarized in Table 10-9. Hydraulic containment is defined through the vertical capture analysis by evaluating groundwater levels between adjacent hydrologic units to determine zones of upward versus downward flow. Containment is defined by zones with upward flow that prevents dissolved contaminants from being transported by advection deeper into the aquifer. Vertical flow direction can be evaluated by subtracting the groundwater head measured in an adjacent lower hydrologic unit from the groundwater head measured in the overlying unit. A head difference of less than zero indicates that the head in the lower unit is greater than the head in the upper unit and, therefore, water will flow vertically upward.

Vertical hydraulic gradient is the head difference divided by the vertical distance between measuring points. While vertical gradients can provide more information than head differences because they account for the distance between measurements, error exists in calculating vertical gradients from groundwater levels measured from long screen intervals. Also, vertical gradient values are typically very small, reducing their ability to represent the magnitude of the vertical difference. Because of this and because site monitoring well screens are not uniform in saturated length and vertical placement, this analysis uses vertical head differences to illustrate vertical capture as described in the EPA guidance above.

The well network was resurveyed in 2017 by USGS, and all measuring point elevations were officially updated in October 2017. As such, the measuring point elevations and, therefore, groundwater elevations for most of the GWM wells changed from historical values, as discussed in more detail in Section 10.4.2.1.

The method for delineating vertical containment was changed in the Q4 2018 analysis. Previously, the vertical head difference between REIs was calculated by subtracting the potentiometric surfaces developed for each REI. However, uncertainty was introduced using this method as the data resolution was different within each REI because the number of head measurements decreased with depth.

Starting in Q4 2018, vertical head differences were calculated only at each nested well location. Those difference values were then used to interpolate the vertical head differences across the plume area using a linear interpolation method assigning head differences between data points based on the distance from

and magnitude of all neighboring data points. While the new method removed the data resolution issues going forward, the change limits the usefulness of comparison of vertical containment with past analyses.

The TCZ volume delineated for Q2 2021 was sliced along an elevation surface dividing REI 4857 and REI 4838 and along an elevation surface dividing REI 4838 and REI 4814. The upper dissolved-phase EDB volume has two opportunities to be contained vertically. Initially, this plume volume can be contained by upward flow between REI 4838 and REI 4857. Portions of the plume not contained in this interval have the potential to move downward into the lower unit. Once in the lower unit, these portions can be contained by vertical upward flow between REI 4814 and REI 4838. The lower plume volume can only be contained by vertical upward flow between REI 4814 and REI 4838. Potentiometric surfaces are not developed under non-pumping conditions and, as such, no pumping versus non-pumping difference maps are prepared.

Figure 10-3 shows the results of the vertical containment analysis for the upper unit TCZ volume (above the 4838 REI midpoint) in Q2 2021. All "green" areas are vertically captured and "tan" areas do not have vertical capture. With respect to the dissolved-phase EDB within the current interim measure TCZ, 99.7 percent of the dissolved-phase EDB volume and mass were vertically contained in this unit (Table 10-9). Figure 10-4 shows the results of the vertical containment analysis for the lower TCZ volume (below the 4838 REI midpoint) in Q2 2021. Similar to Figure 10-3, the "green" areas show vertical capture and "tan" areas do not have vertical capture. With respect to the current interim measure TCZ, 98.8 percent of the dissolved-phase EDB volume and 98.9 percent of the mass were vertically contained (Table 10-9).

In total (above and below the 4838 REI mid-point), the vertical capture evaluation estimated that the interim measure extraction system produced containment of 1.02E+07 cubic ft and 4.8 grams of the current TCZ volume and mass, respectively (Table 10-10). This equates to a capture of 100.0 percent of the initial TCZ volume and 100.0 percent of the initial TCZ mass under Q2 2021 groundwater conditions.

Vertical capture based on vertical head differences or vertical hydraulic gradients is subject to a similar set of uncertainties as described for horizontal capture. With respect to having an adequate vertical distribution of monitoring wells, 11 of the REI 4814 monitoring wells within the IMOA are screened above an elevation of 4,790 ft. Downward vertical flow at these well nests may be in response to the 3D capture zone of an extraction well and not the loss of capture.

Step 3c: Water Level Pairs (Gradient Control)

To support the previously presented horizontal and vertical containment analyses, a water level pairs analysis was performed. Water level pairs analysis defines gradient control points and demonstrates the direction of flow relative to the plume boundary, thus providing an initial assessment of interim measure effectiveness and a supporting line of evidence for assumptions made during horizontal and vertical containment analyses. Two types of water level pairs analyses were performed, as described below.

To support the horizontal containment analyses, a horizontal water level pairs analysis was performed for REI 4857 and REI 4838. Thiessen polygons, which define the area that is closest to each point relative to all other points within a spatial dataset, were developed for each of the interval group wells within the IMOA. Water levels were then compared among a well in the center of a polygon and all of the wells with neighboring polygons. The graphical representation of the Q2 2021 horizontal water levels pairs analysis is shown on Figure 10-9. The arrows on these figures show the potential directions of flow from each well based off of the head comparison. Polygon colors delineate the plume area as: captured (by one or more extraction wells), possibly captured (flow could go to an extraction well or to an unidentified

sink), or not captured (flow cannot go to an extraction well). The horizontal water level pairs analyses show that the entirety of the TCZ in REI 4857 and REI 4838 has the potential to flow toward at least one of the extraction wells that are part of the interim measure. However, there are regions of the TCZ, south of KAFB-106228 and south of KAFB-106234 (around monitoring well KAFB-106041), where the flow direction across the TCZ boundary is outward with respect to the TCZ footprint. Under Q2 2021 conditions, the well pairs analysis cannot conclusively define capture of the TCZ.

To support the vertical containment analysis, heads in vertically nested well sets were compared to verify the vertical flow direction. The locations of the centroid for each nested well pair are shown on Figures 10-3 and 10-4. The values associated with these wells represent the head difference when the lower unit's head is subtracted from the upper unit's head. A head difference of less than zero represents upward flow (wells shown as "green") and, therefore, vertical containment is achieved.

A head difference greater than zero presents downward flow (wells shown as orange) and, therefore, vertical containment is not achieved. Results from this well pair analysis are shown on the figures to identify the location and magnitude of gradient control points for the vertical containment analysis.

10.4.2.4 Step 4: Perform Calculations

Step 4 of the EPA Systematic Approach for Evaluation of Capture Zones (EPA, 2008) states that *specific calculations can be performed to add additional lines of evidence regarding the extent of capture, including the following:*

- *Simple horizontal analyses related to capture, such as estimated flow rate calculations and capture zone width calculations* (EPA, 2008).

- *Modeling (analytical or numerical) to simulate heads, in conjunction with particle tracking and/or contaminant transport modeling* (EPA, 2008).

- *Determining the appropriate types of calculations to perform should be based on site complexity. For instance, numerical simulation of heads for evaluating capture may not be necessary for sites with very simple hydrogeology and only minor heterogeneity of aquifer parameters* (EPA, 2008).

The 16 November 2017 Notice of Deficiency (NOD) required the Air Force to perform the six-step plume capture analysis in accordance with EPA guidance. This NOD, which was issued ahead of the completion of NMED's formal review of the January 20, 2017, "Resource Conservation and Recovery Act Facility Investigation Report" (RFI Phase I), contained direction related to the potential impacts of the rising water table on the Air Force's "…*ability to complete a robust calculation of EDB* [ethylene dibromide] *plume mass and removal.*" Specifically, the NOD required the development of a numerical or analytical model to address the impacts of "…*reduced resolution of monitoring data at the water table*…" from the rising water table.

The Air Force began semiannual plume capture modeling to support capture zone analysis and evaluate the performance of the interim measure in Q2 2018. The modeling results were presented in the Q2 and Q4 periodic monitoring reports for the BFF, SWMUs ST-106/SS-111. In Q4 2016, fifteen months after the first interim measure extraction well became active, the TCZ volume and mass were estimated at approximately 115.7 million cubic feet and 104 grams, respectively (Table 10-3). By the end of Q2 2021, the interim measure had extracted and treated approximately 1.161 billion gallons of groundwater (Table 7-2), decreased the TCZ volume by 91.1 percent, and reduced the TCZ mass by 95.3 percent. Monitoring data collected in the IMOA demonstrates that the pump-and-treat system has successfully

collapsed the targeted portion of the EDB plume and is currently containing the isolated EDB detections north of Ridgecrest Drive SE.

In the Q4 2020 assessment period (Kirtland AFB, 2021c), EDB was not detected in any of the deep monitoring wells sitewide. Of the 82 GWM wells within the IMOA north of Ridgecrest Drive SE, samples from 76 had concentrations of EDB either below the MCL or were non-detect. All locations where detections were above the MCL have downgradient monitoring sampling points with non-detect concentrations.

Over the past several years of model development, pumping rates and hydraulic parameters have been established and are now well understood, and no further estimation of aquifer parameters is anticipated in the near future. The interim measure capture evaluations over the six quarters from Q2 2018 through Q4 2020 were based on numerical modeling consistently showing hydraulic containment of ≥ 97 percent of the Initial Q4 2016 TCZ volume and mass (Table 10-11), which is in agreement with Step 3 capture evaluation results. Consistent with the iterative approach outlined in the EPA guidance, the Air Force has determined that capture is sufficient, modeling no longer adds value to the evaluation of the interim measure, and that ongoing routine monitoring is sufficient to evaluate future progress of the interim measure. Therefore, beginning in Q2 2021, Step 4 of the six-step process will not be performed, and capture evaluation will be accomplished by performing the groundwater level based horizontal and vertical analyses described in Step 3.

10.4.2.5 Step 5: Evaluate Concentration Trends

Step 5 of the EPA Systematic Approach for Evaluation of Capture Zones (EPA, 2008) states that *Contaminant concentrations can be monitored at two types of locations downgradient of the TCZ in an attempt to interpret capture…:*

- *Sentinel wells located downgradient of the TCZ and are not currently impacted above background concentrations.*

- *Downgradient performance monitoring wells located downgradient of the TCZ and are currently impacted above background concentrations.*

Trends of concentrations measured downgradient of the dissolved-phase EDB plume provide supporting evidence to the primary capture analyses. Concentration trends are being performed at two location types at Kirtland AFB: performance assessment sentinel wells and downgradient performance monitoring wells. For sentinel wells, contaminant concentrations should remain at background levels over time if capture is successful. For downgradient performance monitoring wells, contaminant concentrations should decline to background levels (or below cleanup levels) over time if capture is successful. Figure 10-10 shows the location of the nine monitored performance assessment sentinel wells and the location and concentration trends in the five distal performance monitoring wells. EDB concentrations in the performance assessment sentinel wells have remained below laboratory detection limits since monitoring began.

Concentration trends in distal performance monitoring wells are shown (Figure 10-10) from the beginning of 2015 to the present. Within this time period, water chemistry samples from KAFB-106205, located northeast of the distal end of the dissolved-phase EDB plume, have mostly been non-detect for EDB and have always been below the TCZ concentration of 0.05 µg/L. The increase of EDB in Q2 2017 was a result of a 30-day system shutdown. With the interim measure extraction returning to full capacity, the concentration in KAFB-106205 decreased and continued to be below the detection limit.

Groundwater samples collected from KAFB-106106, located on the western edge of the dissolved-phase EDB boundary, have historically had detectable EDB concentrations. Before interim measure extraction began in June 2015, EDB concentrations in this well were above the EDB MCL concentration (0.05 µg/L) and the well was within the dissolved-phase EDB boundary. Since interim measure wells KAFB-106233 and KAFB-106234 came on-line in 2016, the EDB concentrations in KAFB-106106 have declined so that for the last eight assessment periods, they have been at or below the laboratory detection limit. EDB was reported below the detection limit of 0.019 µg/L in the groundwater sample collected from KAFB-106106 in Q2 2021.

At the beginning of 2015, EDB was detected in groundwater samples collected from the three clustered wells (KAFB-106055, KAFB-106057, and KAFB-106058). Concentrations above the MCL were observed in well KAFB-106055 (REI 4857) and well KAFB-106057 (REI 4838) and decreased with depth. Since interim measure extraction began regular operation at KAFB-106234 in January 2016, the EDB concentrations in KAFB-106057 and KAFB-106058 have decreased and currently have estimated values at or below the laboratory detection limit. In Q4 2018, the data gap associated with submergence at this well nest was eliminated by the installation of monitoring well KAFB-106241-428 that is screened across the water table. The EDB concentration measured in this well has been constantly below 0.05 µg/L since sampling began in Q4 2018, with an estimated Q2 2021 concentration of 0.017 µg/L (below the detection limit).

10.4.2.6 Step 6: Interpret Actual Capture and Compare to Target Capture Zone

Step 6 of the EPA Systematic Approach for Evaluation of Capture Zones (EPA, 2008) states that, *Once multiple lines of evidence regarding capture have been evaluated, actual capture achieved by the extraction wells should be interpreted… To avoid bias, the actual capture should be interpreted independent of the TCZ (i.e., they should be compared after the actual capture zone is interpreted).*

Based on evaluations discussed in Step 3 and Step 5 described above, the actual capture achieved by the interim measure extraction wells is interpreted in Step 6, and the following items are addressed:

- Compare the interpreted capture zone to the TCZ
- Assess uncertainties in the interpretation of the actual capture zone
- Assess the need for additional characterization and/or monitoring

In Step 3, the potentiometric surface analysis resulted in 100 percent capture of the volume and mass of the initial TCZ. The vertical head difference analysis resulted in an estimated containment of 100 percent of the initial TCZ. In Step 5, the concentration trends in the designated performance monitoring wells show static or decreasing trends indicating decreasing dissolved-phase EDB volume and mass reduction. Table 10-11 summarizes the TCZ evaluation for this site, which concludes that 100 percent of the initial TCZ volume and mass for which the interim measure was designed to contain are being captured under Q2 2021 conditions.

10.4.2.6.1 Uncertainty and Data Gaps

With the removal of Step 4 from the capture evaluation process, uncertainty estimation is limited to the Step 3 and Step 5 analyses. The primary source of uncertainty in the Step 3 analyses is related to the density of the gauging network. The accuracy of estimation of the location of hydraulic divides created by the interim measure extraction wells is limited by the distance between operational area monitoring wells. The process assumes that the gauging network represents all of the high and low groundwater elevations in the operational area. While the low groundwater elevations should be accounted for with monitoring

wells located close to interim measure extractions wells, the uncertainty of the location of hydraulic highs (capture divides) is a function of the distance between monitoring wells. For example, the distance between monitoring wells in the operational area for REI 4857 ranges from 53 to 2,087 ft with a mean distance of 752 ft. This means that on average, the location of a capture divide could vary within the mean distance if the monitoring network does not represent the operational area high groundwater elevations.

Capture zone analysis is an iterative process, as shown on Figure 10-11, and includes the following:

- Evaluate capture based on existing data
- Identify any data gaps that create uncertainty in the conclusions of the capture zone analysis
- Fill any data gaps that are identified (e.g., add new monitoring wells), and re-evaluate capture
- Continue monitoring capture over time
- If capture is ever determined to not be sufficient, optimize the extraction system until capture is sufficient
- If capture is determined to be sufficient, continue routine monitoring and consider the potential to optimize extraction locations and/or rates to reduce cost

The installation of the six most recent data gap monitoring wells began in Q4 2020 under the Work Plan for Data Gap Monitoring Well Installation KAFB-106248 to KAFB-106252 (Kirtland AFB, 2019). In Q2 2021, these six monitoring wells were active in the gauging and sampling network. In addition, analysis methods are continuously evaluated through comparison to observed data and are revised when more accurate results can be obtained.

As discussed in Section 10.4 above, this performance assessment is a snapshot of the system's performance. EPA guidance emphasizes that capture zone effectiveness is "ultimately determined by field monitoring," and modeling is only one line of evidence used to support the field monitoring data.

10.5 Analysis of the Lines of Evidence

The following includes the various lines of evidence used in the plume capture assessment:

- The volume and mass of the plume has reduced significantly over time. In Q4 2016, 15 months after the first interim measure extraction well KAFB-106228 became active, the plume volume and mass were estimated at 1.15E+08 cubic ft and 103.9 grams, respectively (Table 10-3). Both of these values have been on a decreasing trend over the last 5 years with the current plume volume and mass estimated at approximately 1.02E+07 cubic ft and 4.8 grams, respectively (Table 10-3). With respect to the Q4 2016 TCZ, the Q2 2021 TCZ represents a 91.1 percent decrease in plume volume and a 95.3 percent decrease in plume mass.
- This analysis shows that the interim measure has collapsed the TCZ, with the bulk of the remaining volume and mass north of Ridgecrest Drive SE either being located in isolated segments south of extraction well KAFB-1062234 or as an extension from the source area to the KAFB-106228 cone of depression. Overall, the plume analysis reveals the general pattern of dissolved-phase EDB volume and mass response expected due to interim measure system extraction.

- Actual field sampling resulted in potentiometric surface analyses estimating that the interim measure extraction system produced horizontal containment of approximately 1.02E+07 cubic ft and 4.8 grams of the current TCZ volume and mass, respectively (Table 10-6). This equates to a horizontal capture component of 100.0 percent of the initial TCZ volume and 100.0 percent of the initial TCZ mass under Q2 2021 groundwater conditions (Table 10-8).

- The vertical capture analysis estimated that the interim measure extraction system produced containment of approximately 1.02E+07 cubic ft and 4.8 grams of the current TCZ volume and mass, respectively (Table 10-9). This equates to a vertical capture component of 100.0 percent of the initial TCZ volume and 100.0 percent of the initial TCZ mass under Q2 2021 groundwater conditions (Table 10-10).

- The horizontal water level pairs analyses within the IMOA show that all well pair gradients within or surrounding the plume boundary north of Ridgecrest Drive SE in REI 4857 and REI 4838 have the potential to flow toward one or more interim measure extraction wells.

- Concentration trends analysis in performance monitoring wells indicated static or decreasing trends of dissolved-phase EDB volume and mass reduction.

- Table 10-12 summarizes the TCZ evaluation for this site, which concludes that 100.0 percent of the initial TCZ volume and mass the interim measure was designed to contain is being captured under Q2 2021 conditions.

- Capture zone effectiveness is ultimately determined by field monitoring that includes hydraulic head measurement and groundwater sampling and analysis, in conjunction with field confirmation of pumping rates.

- A total of 14 USGS sentinel wells installed outside the IMOA between the EDB plume and drinking water wells owned and operated by the Albuquerque Bernalillo County Water Utility Authority and Raymond G. Murphy VA Medical Center were tested, and no contaminants associated with the BFF release were detected in Q2 2021 samples. These wells are tested quarterly to provide advance notice of any threat to drinking water wells. The USGS transmittal letter, including the Q2 2021 data results, is provided in Appendix H-5.

- Three Kirtland AFB drinking water supply wells (KAFB-003, KAFB-015, and KAFB-016) and the VA drinking water supply well (ST106-VA-2) are sampled monthly to verify the safety of the drinking water. No dissolved-phase organic contamination was detected in the sample collected in Q2 2021 from the drinking water supply wells.

These lines of evidence suggest that under Q2 2021 conditions, 100 percent of the initial TCZ volume and mass for which the interim measure was designed to contain is being captured.

10.6 Data Gaps

No data gaps were identified in Q2 2021. The current IMOA monitoring network is assumed to be sufficient to represent the extent of the TCZ and to evaluate TCZ capture produced by the IM extraction network. The network now includes six new nested water table wells addressing a previous data gap stemming from submerged well screens due to water table rise. Monitoring network data gaps will be evaluated in the future as the TCZ continues to change due to IM activities.

10.7 Recommendations

It is recommended that monitoring and GWTS operation continue in accordance with the schedules provided in the approved work plans (Section 1.1).

Q3 2021 will comprise the period between July 1 and September 30, 2021. Planned Q3 2021 activities are summarized below:

Groundwater Monitoring

- Perform and report on quarterly GWM in Q3 2021
- Report quarterly monitoring of USGS sentinel wells (by USGS)

Drinking Water Supply Well Monitoring

- Perform drinking water supply well monitoring monthly for organic compound analysis for the four wells sampled, and once for semi-annual inorganic compound analysis

Groundwater Treatment System Operation

- Continue operating the GWTS and extraction wells KAFB-106228, KAFB-106233, KAFB-106234, and KAFB-106239

- Perform GWTS well disinfection as required

Reporting

- Prepare a report to detail the activities conducted during quarterly monitoring

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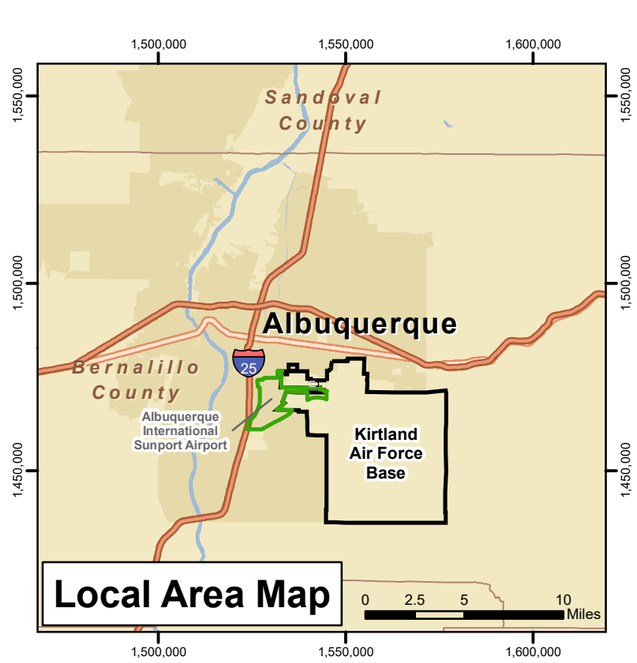
NMED. 2020a. Correspondence from Mr. Kevin Pierard, Chief, Hazardous Waste Bureau, to Colonel David S. Miller, Base Commander, 377 AB/CC, Kirtland AFB, NM and Lt. Colonel Wayne J. Acosta, Civil Engineer Office, 377 Civil Engineer Division, Kirtland AFB, NM, *re: Reporting Requirements for All Document Submittals, Kirtland Air Force Base, New Mexico.* EPA ID# NM6213820974, HWB-KAFB-19-017. September 2.

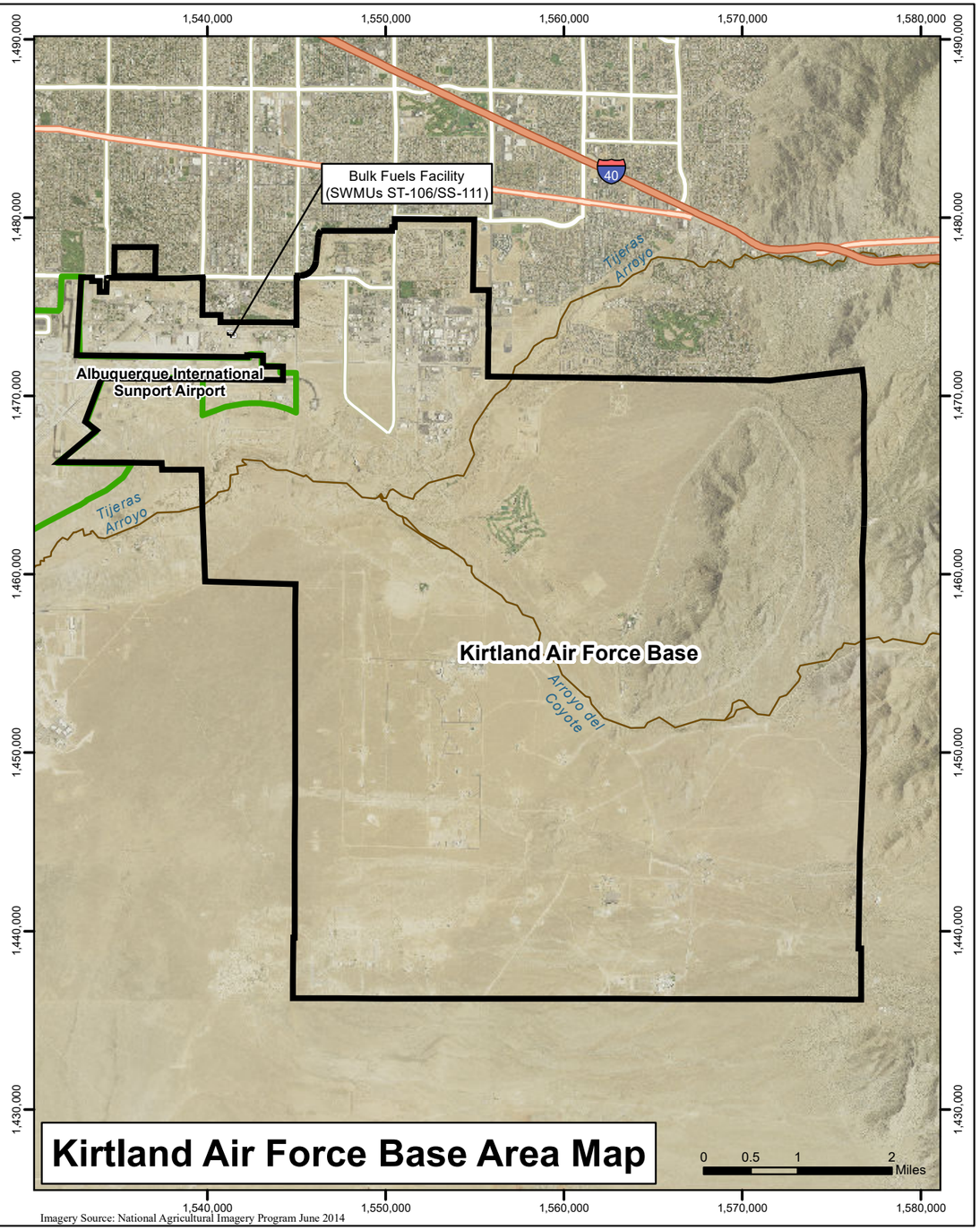
NMED. 2020b. Correspondence from Mr. Kevin Pierard, Chief, Hazardous Waste Bureau, to Colonel David S. Miller, Base Commander, 377 AB/CC, Kirtland AFB, NM and Lt. Colonel Wayne J. Acosta, Civil Engineer Office, 377 Civil Engineer Division, Kirtland AFB, NM, *re: Quarter Monitoring Report for April-June 2019, Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111, Kirtland Air Force Base, New Mexico.* EPA ID# NM6213820974, HWB-KAFB-19-017. July 11.

NMED. 2020c. Correspondence from Mr. Kevin Pierard, Chief, Hazardous Waste Bureau, to Colonel David S. Miller, Base Commander, 377 AB/CC, Kirtland AFB, NM and Lt. Colonel Wayne J. Acosta, Civil Engineer Office, 377 Civil Engineer Division, Kirtland AFB, NM, *re: Approval Fifteen Day Notification of Newly Discovered SWMU or AOC Kirtland Air Force Base, New Mexico.* EPA ID# NM9570024423, HWB-KAFB-20-Misc. April 6.

FIGURES







Imagery Source: National Agricultural Imagery Program June 2014

Legend

- Kirtland Air Force Base Installation Boundary
- Albuquerque International Sunport Airport
- Major Highways
- Highways
- Major Roads
- Arroyos
- Rivers
- Source Area

Note:
SWMU = Solid Waste Management Unit

N

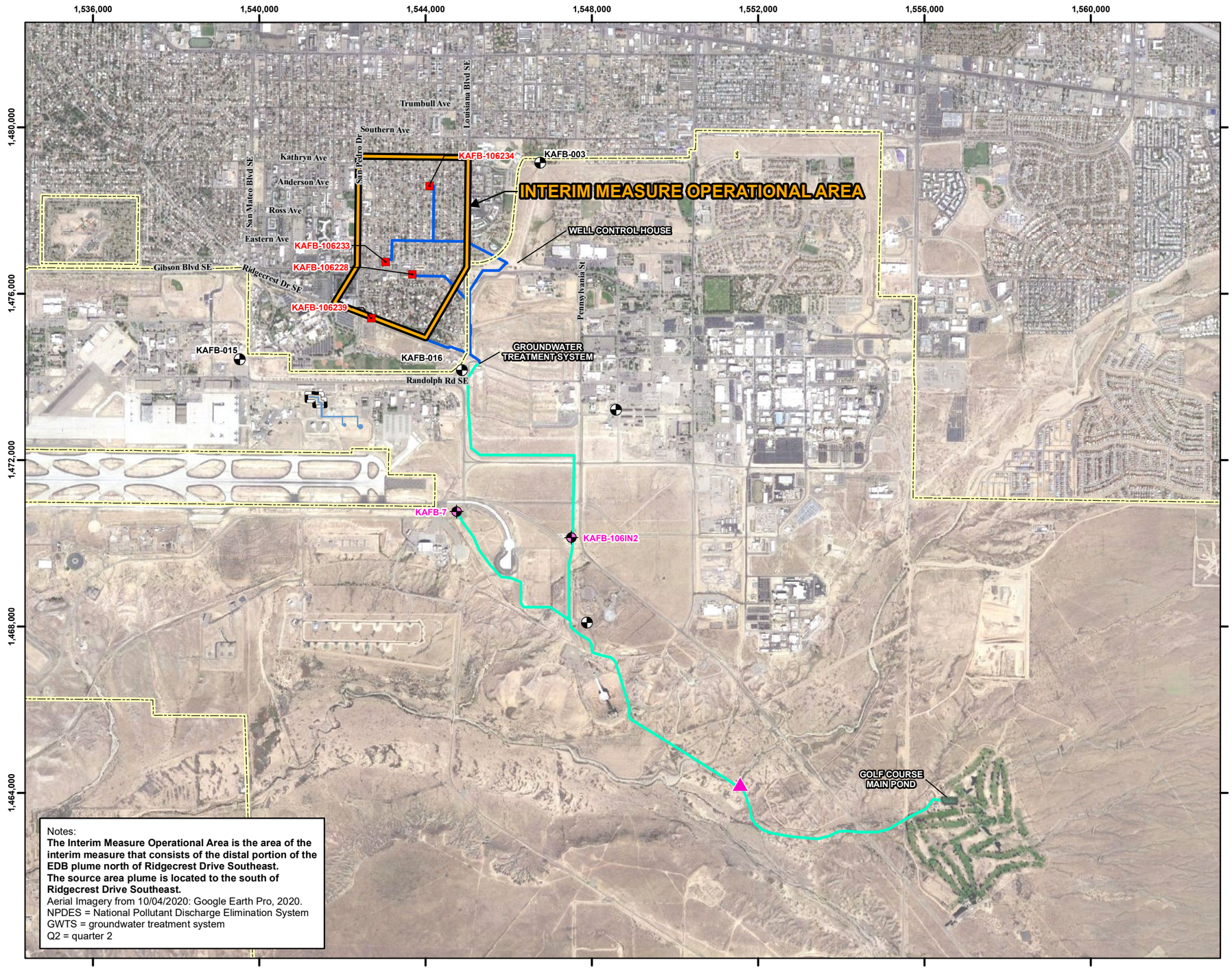
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 1-1

SITE LOCATION MAP

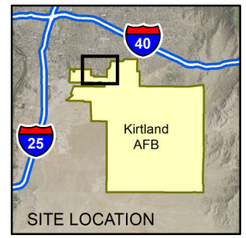
P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\Section 1\1-1 SiteLocMap_Q221.mxd 7/27/2021 EA ecarpio



Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive Southeast.
The source area plume is located to the south of Ridgecrest Drive Southeast.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
NPDES = National Pollutant Discharge Elimination System
GWTS = groundwater treatment system
Q2 = quarter 2

Legend

- Injection Well
- Extraction Well
- Drinking Water Supply Well
- NPDES Outfall
- Former Aboveground Storage Tank
- Former Fuel Transfer Line
- GWTS Influent Piping
- GWTS Effluent Piping
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 1,250 2,500 5,000

Feet

1 inch = 2,500 feet

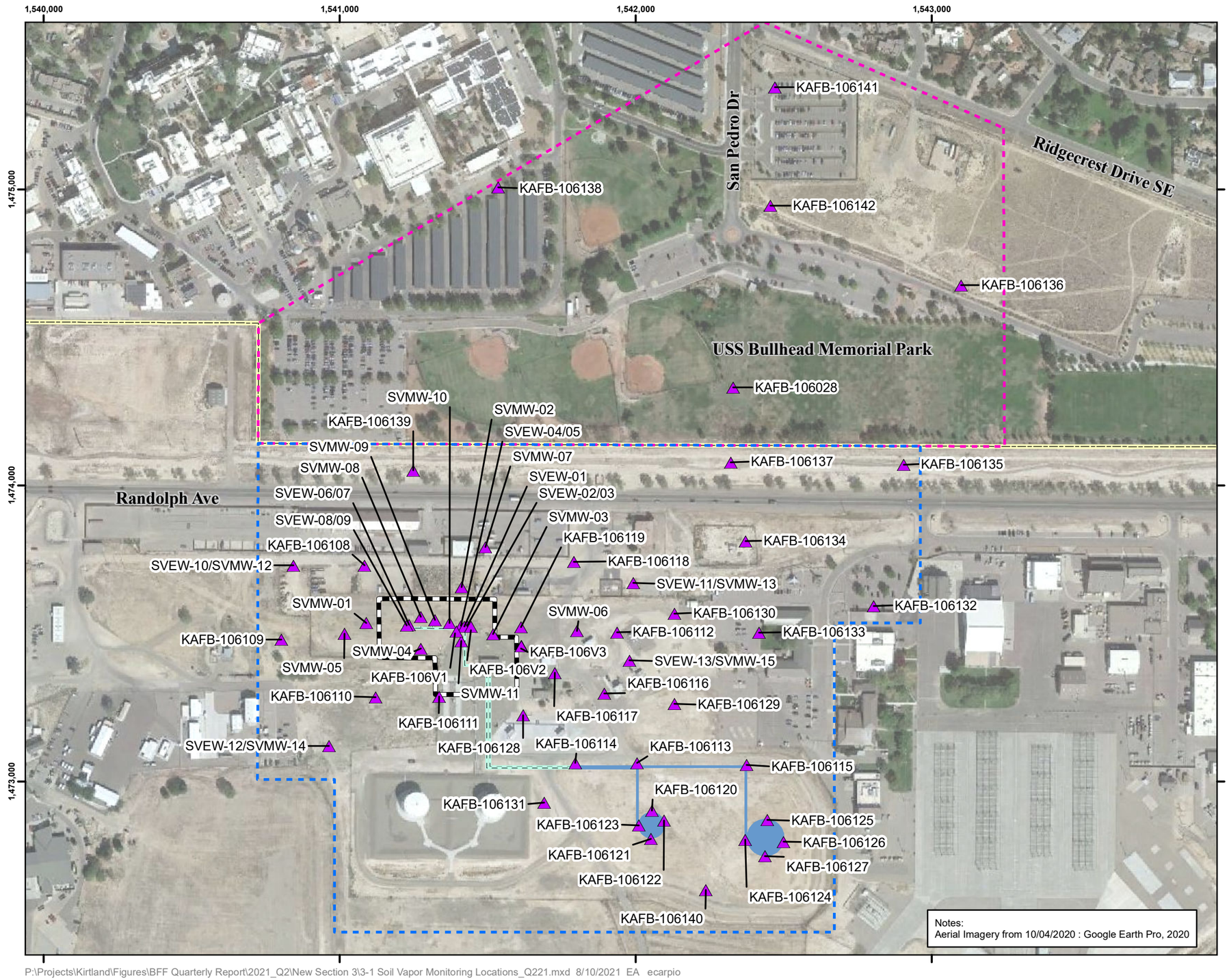
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 1-2

GROUNDWATER EXTRACTION WELLS AND TREATMENT SYSTEM LOCATION

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\Section 1\1-2 Groundwater Extraction and Treatment System_Q221.mxd 10/14/2021 EA ecarpio

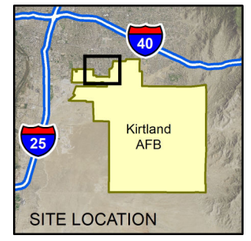


Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of the Source Area
- Source Area



N

0 175 350 700

Feet

1 inch = 350 feet

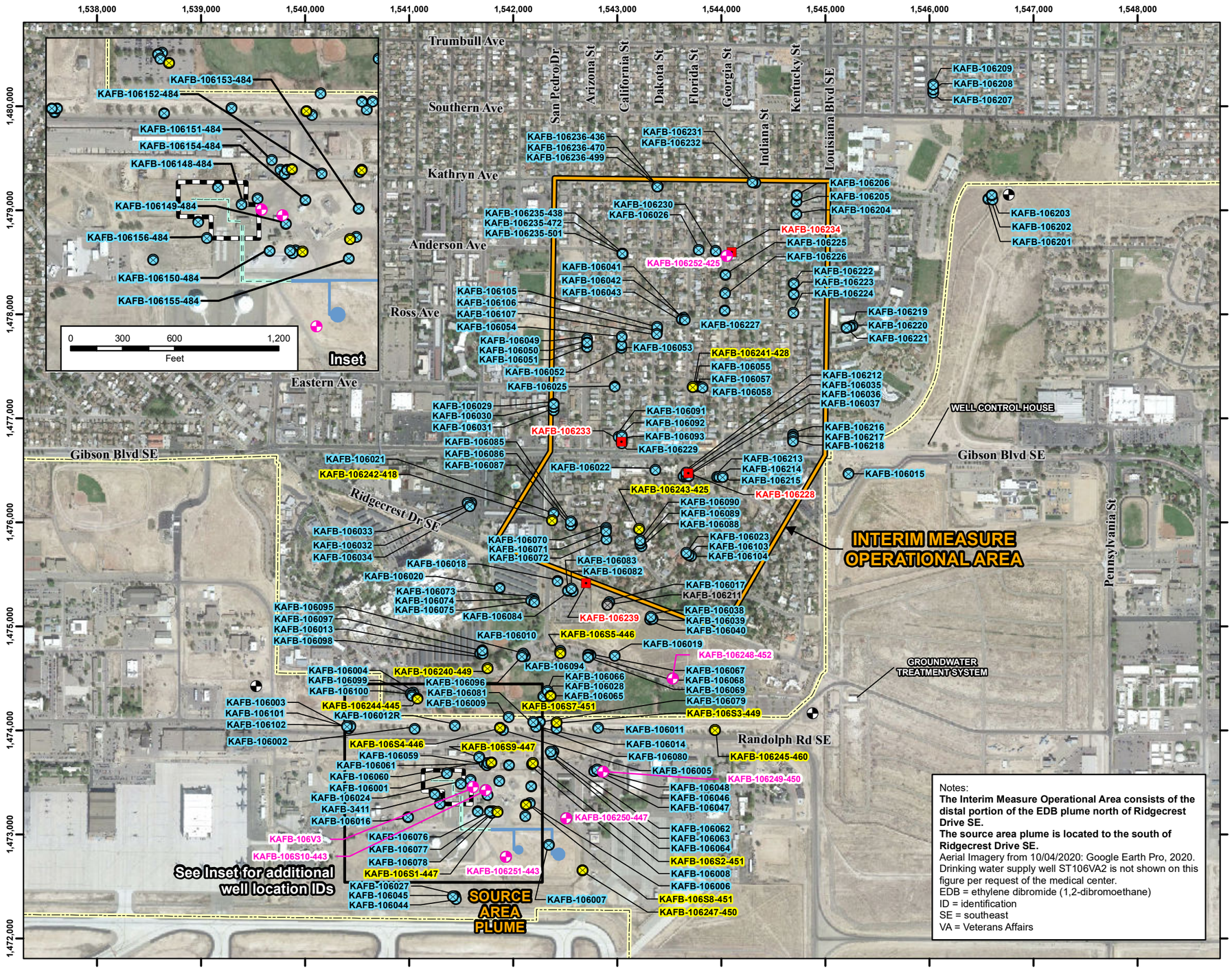
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 3-1

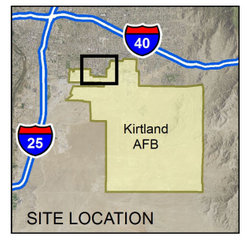
SOIL VAPOR MONITORING LOCATIONS IN THE SOURCE AREA PLUME

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 3\3-1 Soil Vapor Monitoring Locations_Q221.mxd 8/10/2021 EA ecarpio



Legend

- Groundwater Monitoring Well
- Extraction Well
- Drinking Water Supply Well
- Monitoring Well (pending water table rise)
- Data Gap Well Installed in 2018 and 2019
- Well Installed between November 2020 and March 2021
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

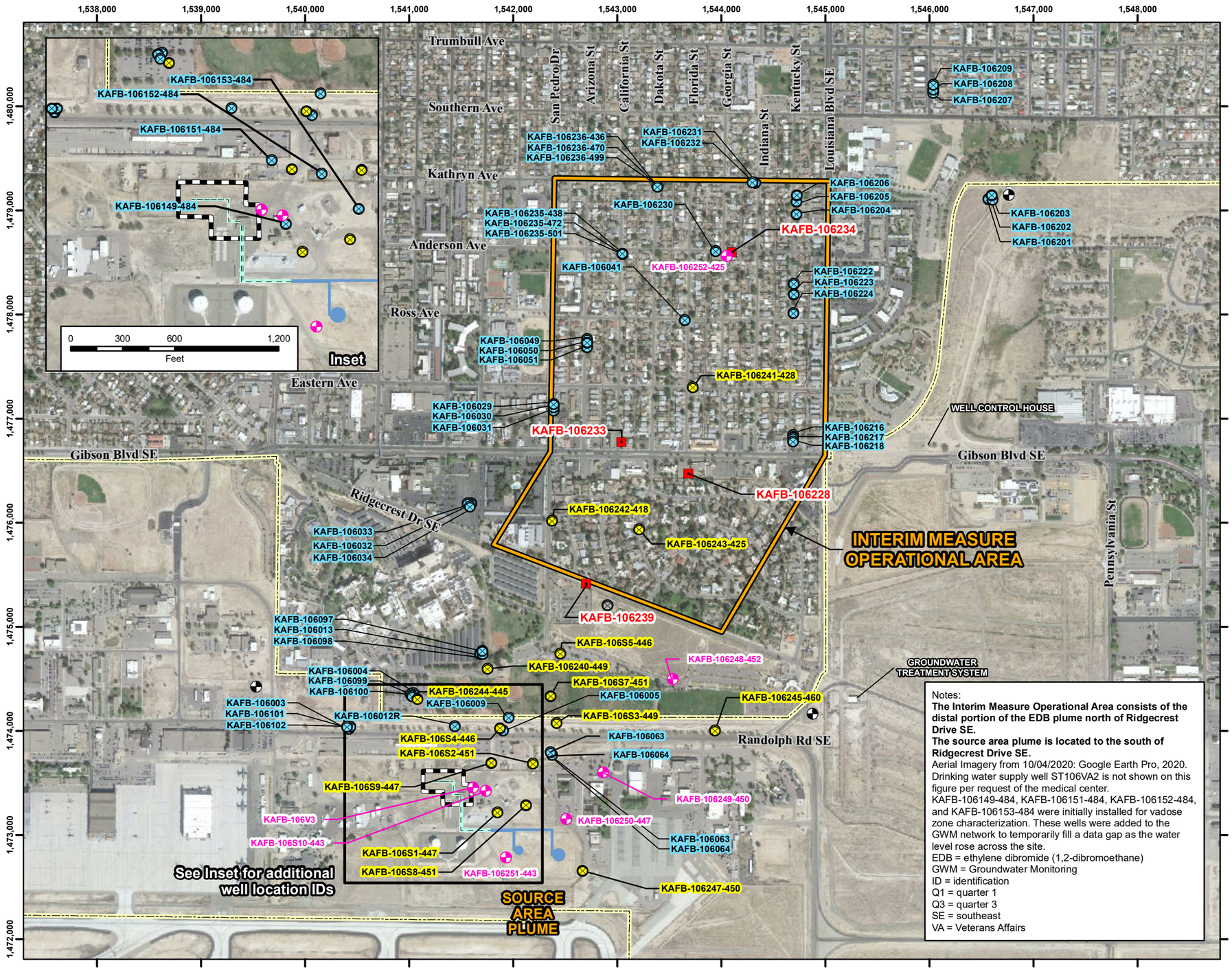
Notes:
The Interim Measure Operational Area consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Drinking water supply well ST106VA2 is not shown on this figure per request of the medical center.
EDB = ethylene dibromide (1,2-dibromoethane)
ID = identification
SE = southeast
VA = Veterans Affairs

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FIGURE 3-2

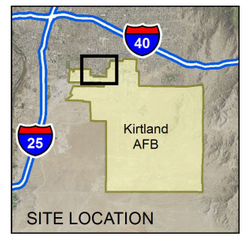
GROUNDWATER MONITORING NETWORK, DRINKING WATER SUPPLY WELL, AND EXTRACTION WELL LOCATIONS

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 3\3-2 Well Map_Q221.mxd 8/11/2021 EA ecarpio



Legend

- Groundwater Monitoring Well
- Extraction Well
- Drinking Water Supply Well
- Groundwater Monitoring Well (pending water table rise)
- Data Gap Groundwater Monitoring Well Installed in 2018 and 2019
- Groundwater Monitoring Well Installed between November 2020 and March 2021
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000
Feet
1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

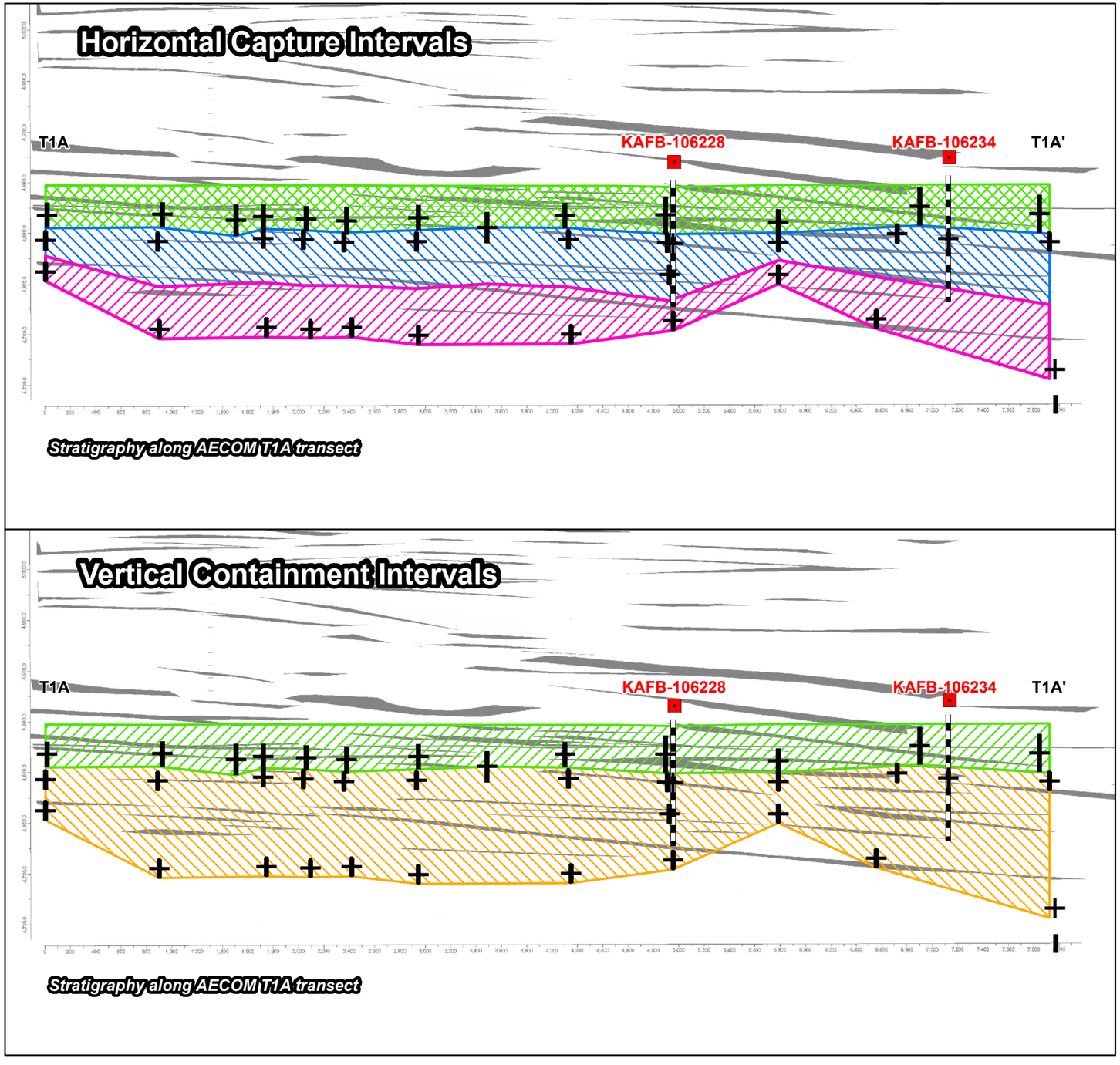
Notes:
The Interim Measure Operational Area consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Drinking water supply well ST106VA2 is not shown on this figure per request of the medical center.
KAFB-106149-484, KAFB-106151-484, KAFB-106152-484, and KAFB-106153-484 were initially installed for vadose zone characterization. These wells were added to the GWM network to temporarily fill a data gap as the water level rose across the site.
EDB = ethylene dibromide (1,2-dibromoethane)
GWM = Groundwater Monitoring
ID = identification
Q1 = quarter 1
Q3 = quarter 3
SE = southeast
VA = Veterans Affairs

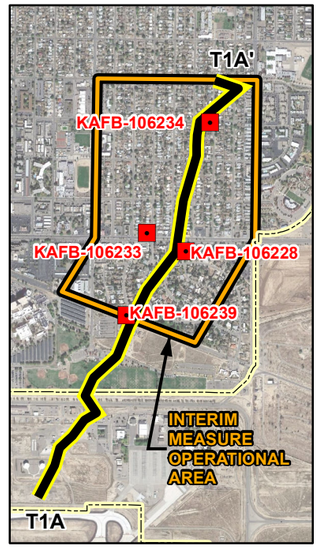
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FIGURE 3-3

GROUNDWATER MONITORING WELLS SAMPLED IN Q1 AND Q3

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 3\3-3 Well Map_Q1 and Q3_Q221.mxd 8/11/2021 EA ecarpio





Legend

- Groundwater Monitoring Well Screen (With Midpoint)
- Extraction Well Screen
- Extraction Well
- T1A Transect
- AECOM Defined Fine Grained Lithology
- Interim Measure Operational Area

Reference Elevation Interval For Horizontal Capture

- 4857 (ft AMSL)
- 4838 (ft AMSL)
- 4814 (ft AMSL)

Reference Elevation Interval For Vertical Containment

- Above 4838 Midpoint (ft AMSL)
- Below 4838 Midpoint (ft AMSL)

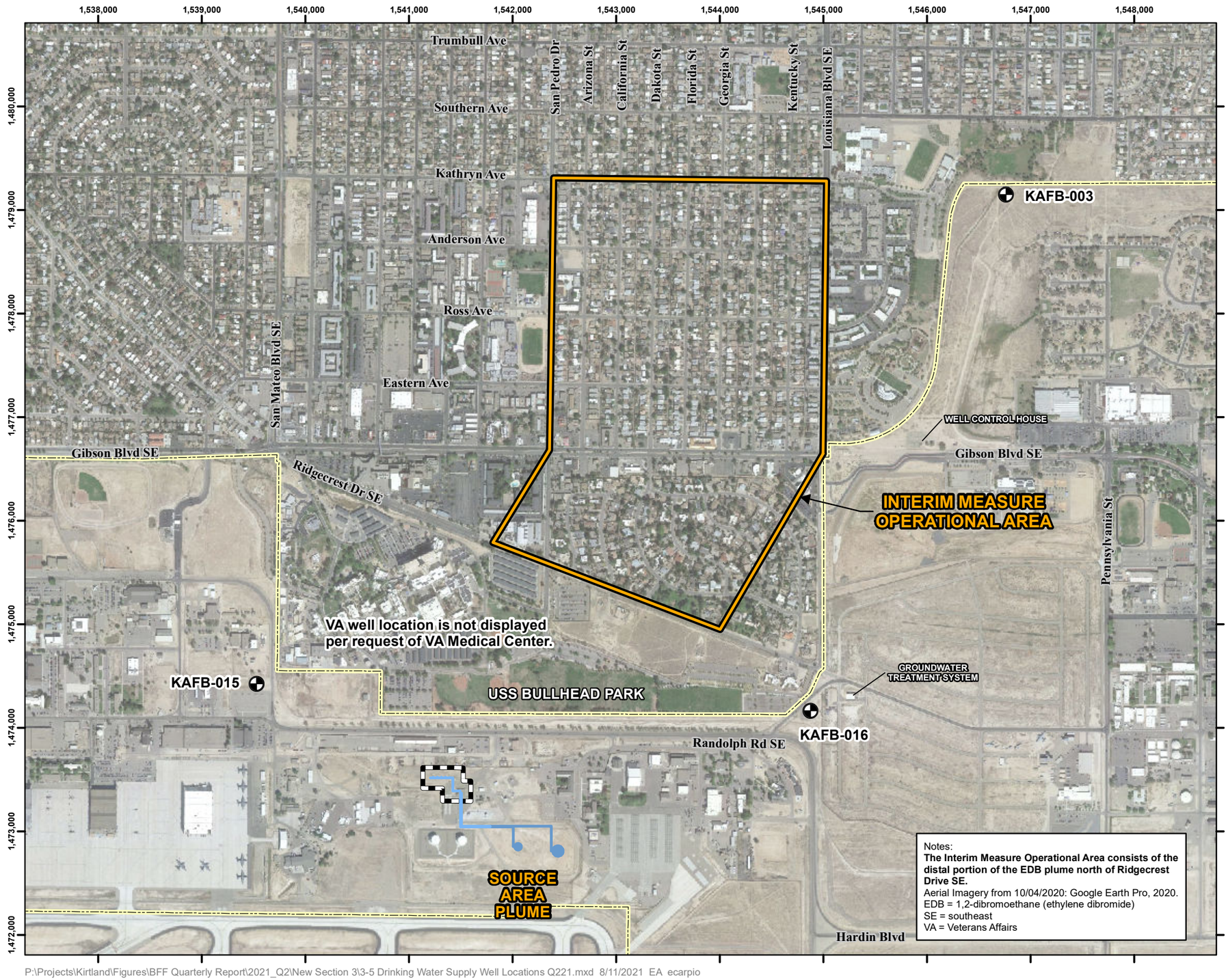
Notes:
ft AMSL = feet above mean sea level
AECOM = Architecture, Engineering, Consulting, Operations, and Maintenance
Q2 = quarter 2

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FIGURE 3-4

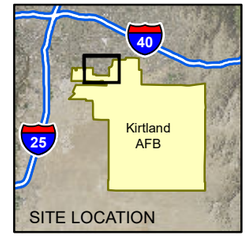
REFERENCE ELEVATION CAPTURE AND CONTAINMENT INTERVALS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 3\3-4 Reference Elevation Intervals_Q221.mxd 10/15/2021 EA ecarpio



Legend

- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

Notes:
The Interim Measure Operational Area consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
EDB = 1,2-dibromoethane (ethylene dibromide)
SE = southeast
VA = Veterans Affairs

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FIGURE 3-5

DRINKING WATER SUPPLY WELL LOCATIONS

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 3\3-5 Drinking Water Supply Well Locations Q221.mxd 8/11/2021 EA ecarpio

1,540,000 1,541,000 1,542,000 1,543,000

1,475,000 1,474,000 1,473,000

San Pedro Dr

Ridgecrest Drive SE

USS Bullhead Memorial Park

Randolph Ave

KAFB-106141-025
EDB: ND
Benzene: 0.69 J
HC: 2

KAFB-106138-025
EDB: ND
Benzene: 0.57 J
HC: 4

KAFB-106142-030
EDB: ND
Benzene: 0.91 J
HC: 9

KAFB-106136-025
EDB: ND
Benzene: 0.79 J
HC: 4

KAFB-106119-025
EDB: ND
Benzene: 0.43 J
HC: 2

KAFB-106112-025
EDB: ND
Benzene: 0.49 J
HC: 0

KAFB-106130-025
EDB: ND
Benzene: 1.2 J
HC: 3

KAFB-106139-025
EDB: ND
Benzene: 0.60 J
HC: 0

KAFB-106116-025
EDB: ND
Benzene: 0.79 J
HC: 0

KAFB-106137-025
EDB: ND
Benzene: 0.90 J
HC: 1

KAFB-106135-025
EDB: 0.58 J
Benzene: 1.1 J
HC: 0

KAFB-106118-025
EDB: ND
Benzene: ND
HC: 0

KAFB-106134-025
EDB: ND
Benzene: ND
HC: 0

KAFB-106108-025
EDB: ND
Benzene: ND
HC: 0

KAFB-106V3-007
EDB: ND
Benzene: 1.1
HC: 8

KAFB-106132-025
EDB: ND
Benzene: ND
HC: 0

KAFB-106133-025
EDB: ND
Benzene: 0.79 J
HC: 0

KAFB-106V3-015
EDB: ND
Benzene: ND
HC: 16

KAFB-106109-025
EDB: ND
Benzene: 0.40 J
HC: 0

KAFB-106111-025
EDB: ND
Benzene: 22 J
HC: 24

KAFB-106129-025
EDB: ND
Benzene: 3.6
HC: 3

KAFB-106110-025
EDB: ND
Benzene: 1.1 J
HC: 0

KAFB-106117-025
EDB: ND
Benzene: 0.73 J
HC: 0

KAFB-106113-020
EDB: ND
Benzene: 0.49 J
HC: 1

KAFB-106120-025
EDB: ND
Benzene: 1.1 J
HC: 1

KAFB-106115-025
EDB: ND
Benzene: 2.5
HC: 2

KAFB-106128-025
EDB: ND
Benzene: 3.0 J
HC: 2

KAFB-106124-025
EDB: ND
Benzene: 0.35 J
HC: 0

KAFB-106114-025
EDB: ND
Benzene: 2.5
HC: 0

KAFB-106125-025
EDB: ND
Benzene: 0.42 J
HC: 0

KAFB-106131-025
EDB: ND
Benzene: 1.5 J
HC: 5

KAFB-106123-025
EDB: 0.90 J
Benzene: 3.1
HC: 2

KAFB-106126-025
EDB: ND
Benzene: 0.58 J
HC: 5

KAFB-106121-025
EDB: ND
Benzene: 0.81 J
HC: 1

KAFB-106122-025
EDB: ND
Benzene: ND
HC: 3

KAFB-106127-025
EDB: ND
Benzene: 0.7 J
HC: 0

KAFB-106140-025
EDB: ND
Benzene: 0.36 J
HC: 0

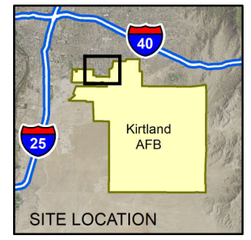
Notes:
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
VISL exceedances are shown in bold.
Concentrations for EDB and benzene are reported in $\mu g/m^3$.
Concentrations for HC are reported in ppmv.
$\mu g/m^3$= microgram(s) per cubic meter
bgs = below ground surface
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
VISL = vapor intrusion screening level
Qualifier:
J = qualifier denotes the analyte was positively identified, but the associated numerical value is estimated

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area



N

0 175 350 700
Feet
1 inch = 350 feet

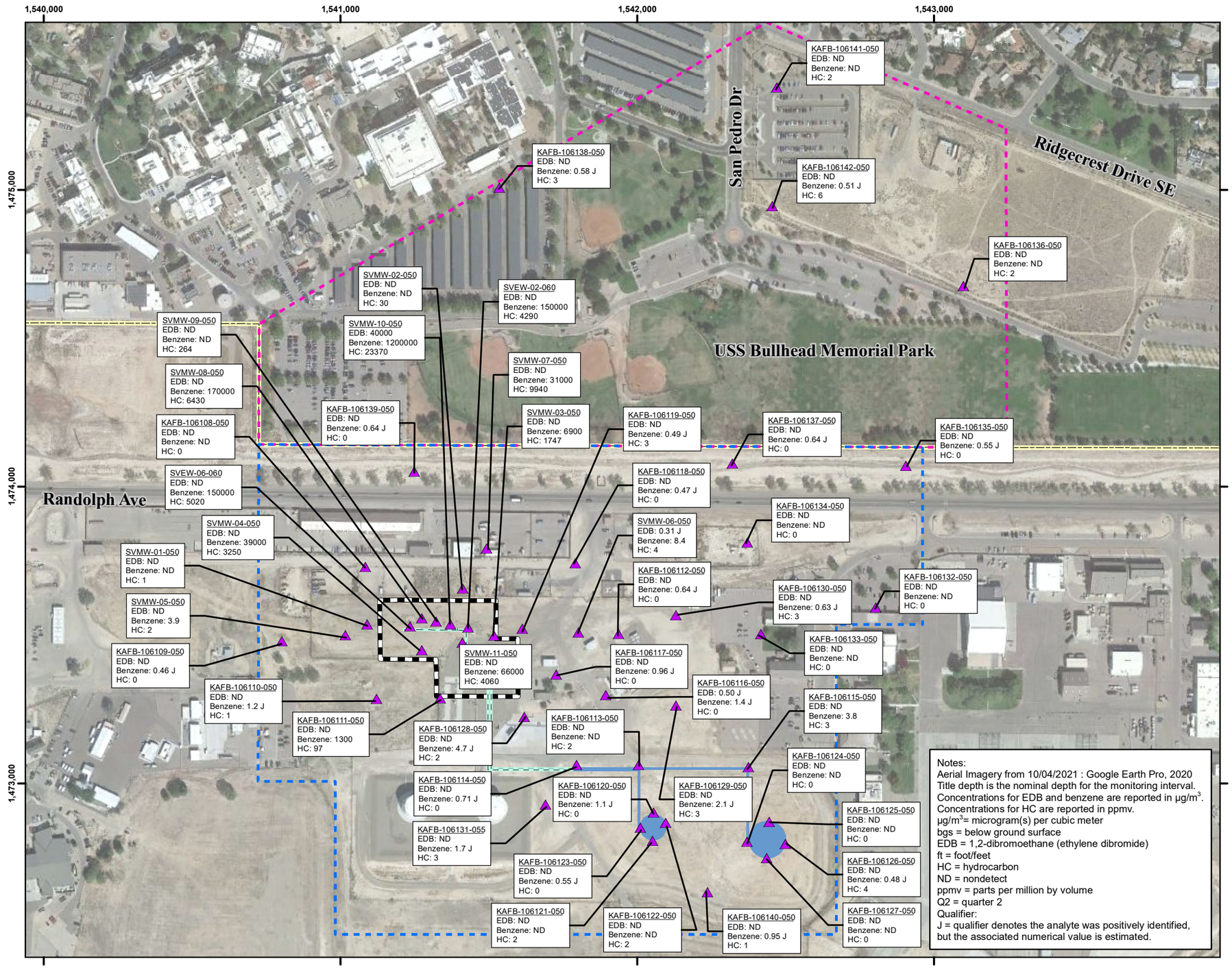
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-1

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 25 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-1 Benzene_EDB_HC_Conc_25ft_Q221.mxd 9/9/2021 EA ecarpio



Notes:
Aerial Imagery from 10/04/2021 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
Concentrations for EDB and benzene are reported in µg/m^3.
Concentrations for HC are reported in ppmv.
µg/m^3= microgram(s) per cubic meter
bgs = below ground surface
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
Qualifier:
J = qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area

N

0 175 350 700

Feet

1 inch = 350 feet

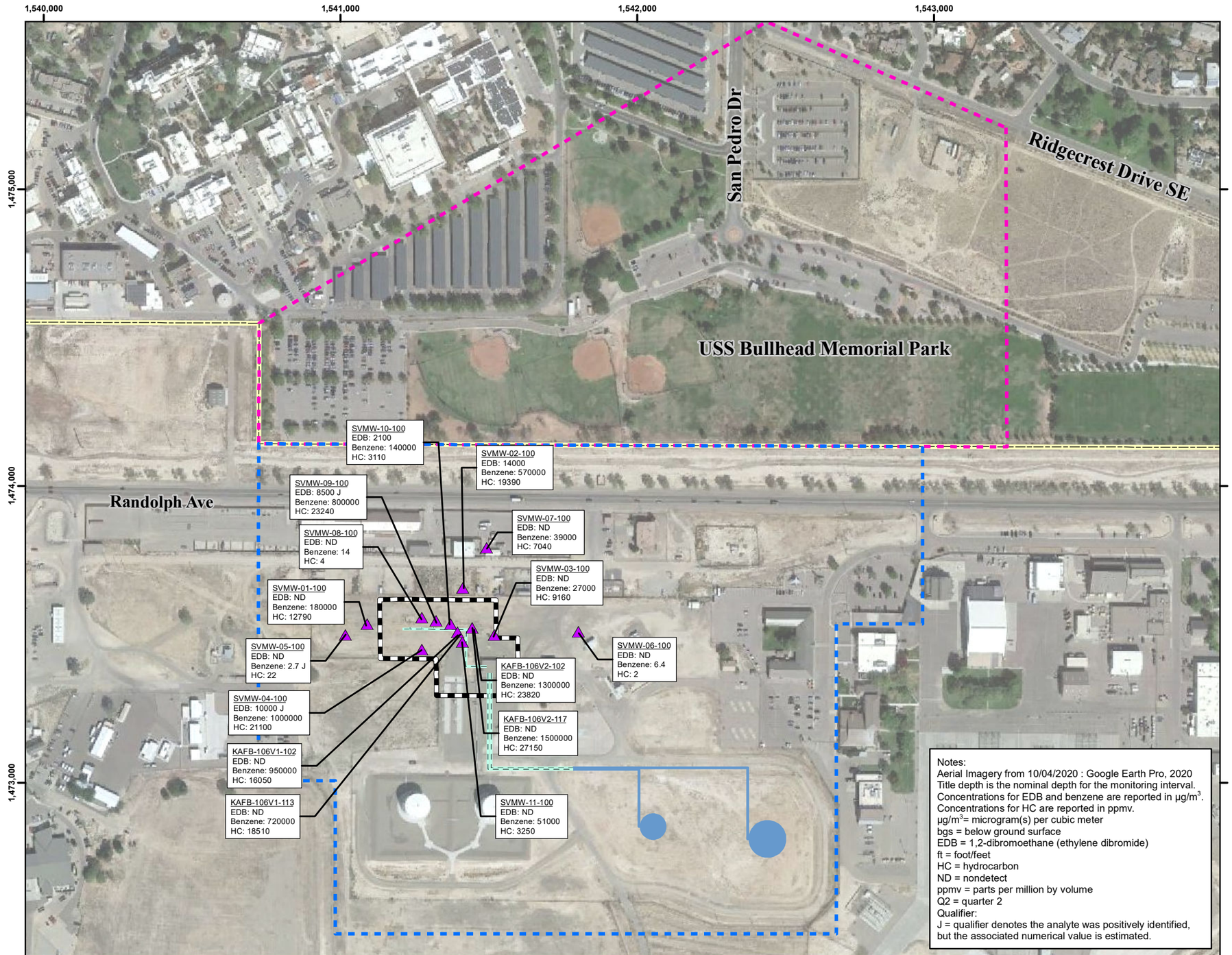
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-2

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 50 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-2 Benzene_EDB_HC_Conc_50ft_Q221.mxd 9/9/2021 EA ecarpio



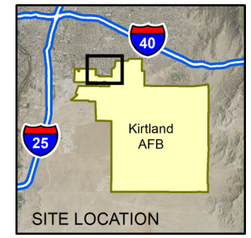
Notes:
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
Concentrations for EDB and benzene are reported in µg/m^3.
Concentrations for HC are reported in ppmv.
µg/m^3= microgram(s) per cubic meter
bgs = below ground surface
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
Qualifier:
J = qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area



N

0 175 350 700

Feet

1 inch = 350 feet

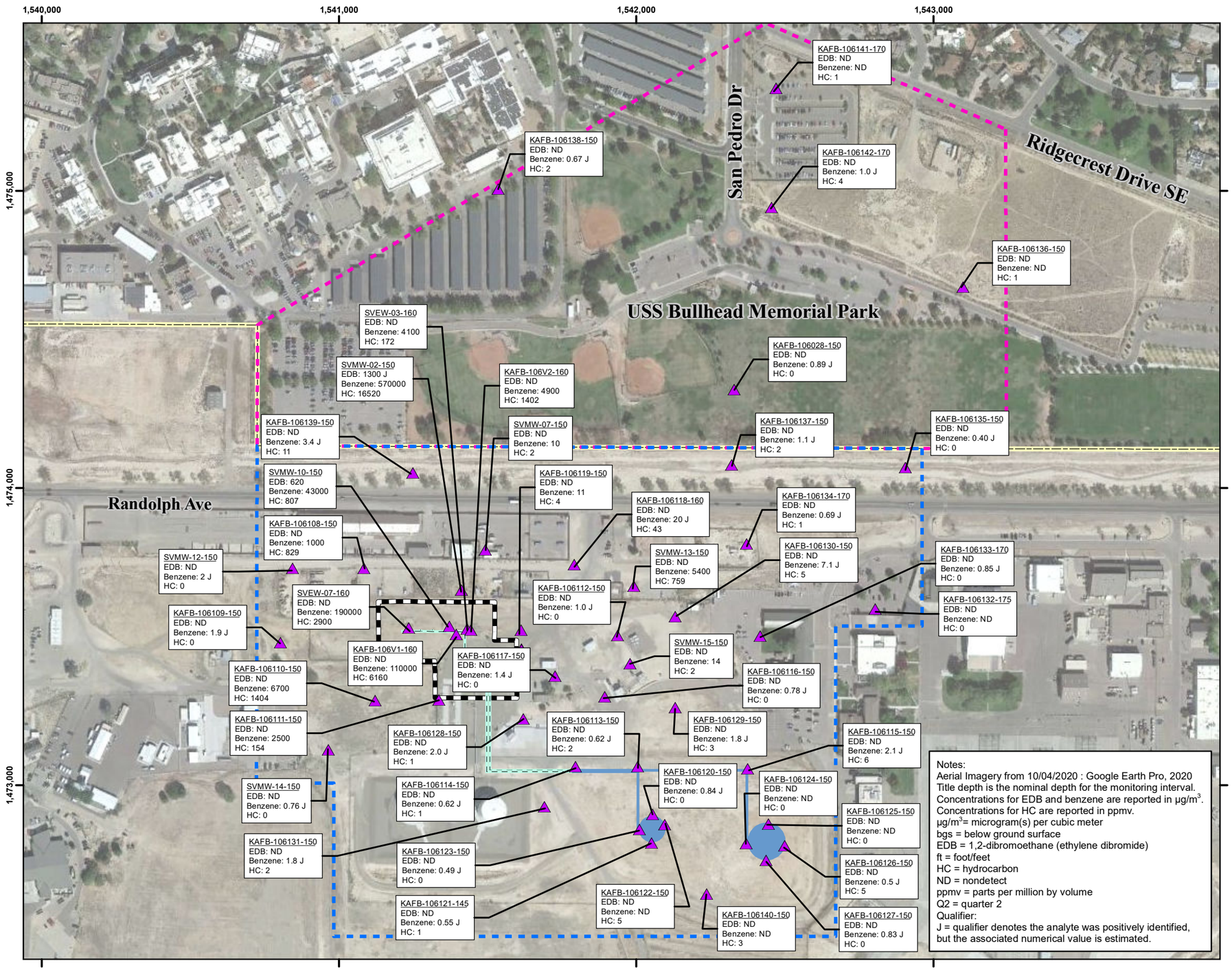
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-3

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 100 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-3 Benzene_EDB_HC_Conc_100ft_Q221.mxd 7/12/2021 EA ecarpio



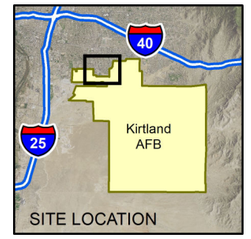
Notes:
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
Concentrations for EDB and benzene are reported in µg/m^3.
Concentrations for HC are reported in ppmv.
µg/m^3= microgram(s) per cubic meter
bgs = below ground surface
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
Qualifier:
J = qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area



N

0 175 350 700

Feet

1 inch = 350 feet

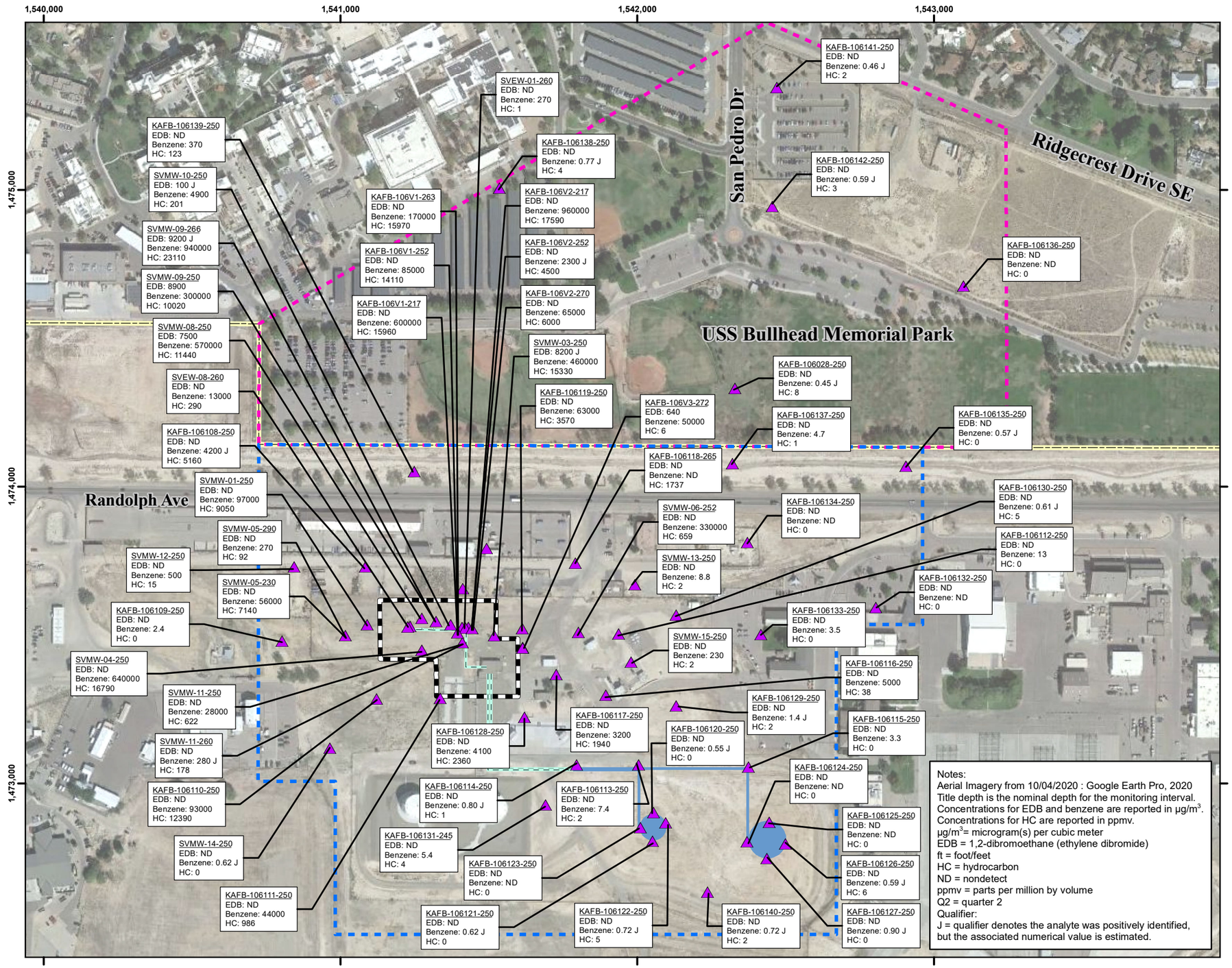
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-4

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 150 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-4 Benzene_EDB_HC_Conc_150ft_Q221.mxd 7/27/2021 EA ecarpio



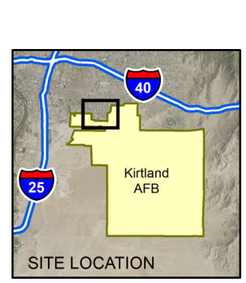
Notes:
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
Concentrations for EDB and benzene are reported in µg/m^3.
Concentrations for HC are reported in ppmv.
µg/m^3= microgram(s) per cubic meter
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
Qualifier:
J = qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area



N

0 175 350 700

Feet

1 inch = 350 feet

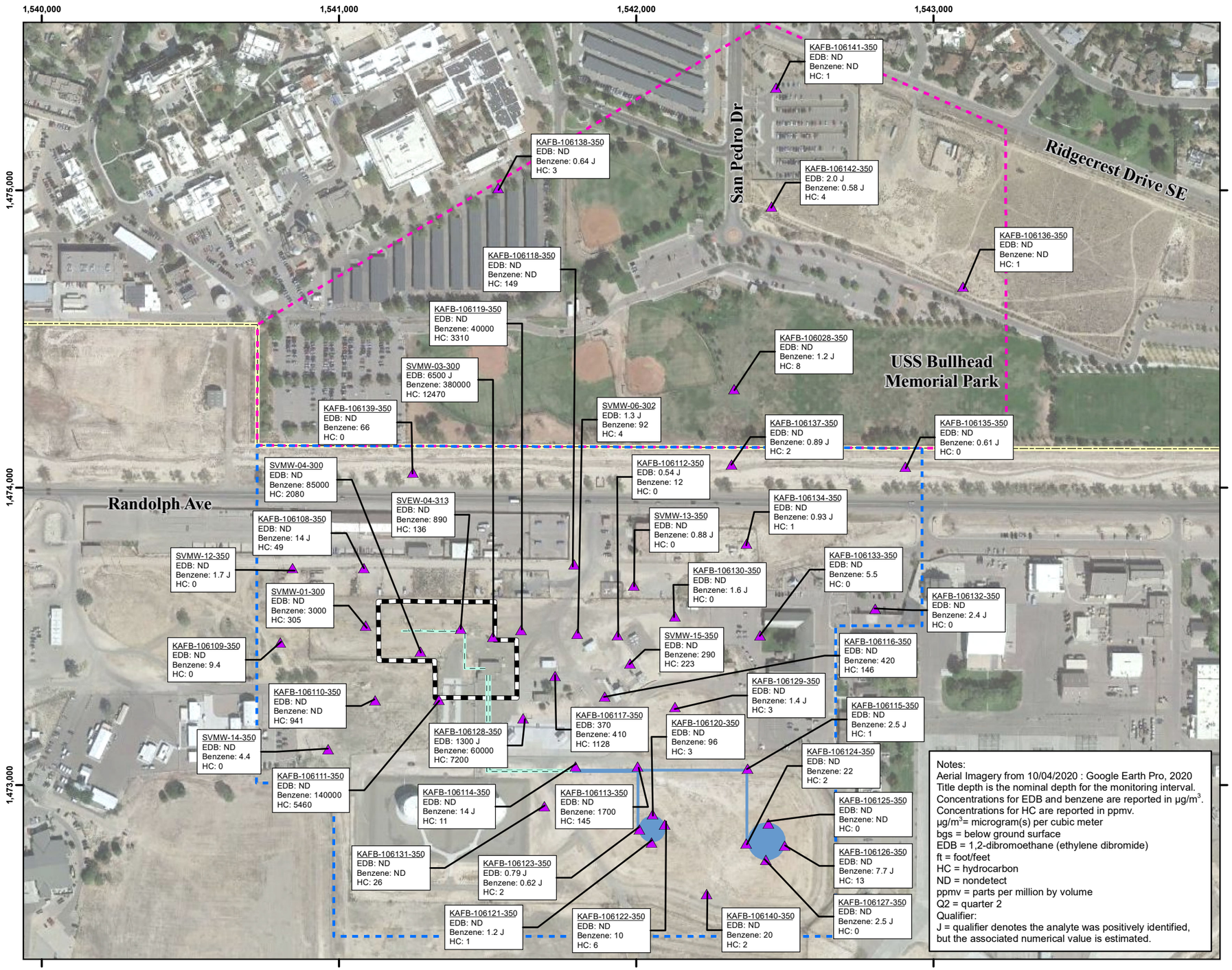
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-5

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 250 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-5 Benzene_EDB_HC_Conc_250ft_Q221.mxd 9/9/2021 EA ecarpio



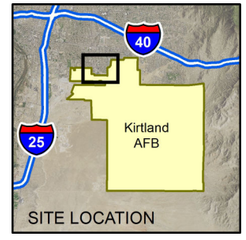
Notes:
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
Concentrations for EDB and benzene are reported in µg/m^3.
Concentrations for HC are reported in ppmv.
µg/m^3= microgram(s) per cubic meter
bgs = below ground surface
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
Qualifier:
J = qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area



N

0 175 350 700

Feet

1 inch = 350 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-6

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 350 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-6 Benzene_EDB_HC_Conc_350ft_Q221.mxd 9/9/2021 EA ecarpio

1,540,000 1,541,000 1,542,000 1,543,000

1,475,000 1,474,000 1,473,000

San Pedro Dr

Ridgecrest Drive SE

USS Bullhead Memorial Park

Randolph Ave

KAFB-106141-450
EDB: ND
Benzene: 1.5 J
HC: 1

KAFB-106138-450
EDB: ND
Benzene: ND
HC: 0

KAFB-106142-450
EDB: ND
Benzene: 240
HC: 14

KAFB-106136-450
EDB: ND
Benzene: 4.2 J
HC: 2

SVEW-05-460
EDB: ND
Benzene: 970
HC: 166

KAFB-106119-450
EDB: ND
Benzene: 23
HC: 4

KAFB-106028-450
EDB: 3.8
Benzene: 0.55 J
HC: 0

KAFB-106139-450
EDB: ND
Benzene: 2.3 J
HC: 0

KAFB-106118-450
EDB: ND
Benzene: 130
HC: 126

KAFB-106137-450
EDB: 530
Benzene: 6200
HC: 206

KAFB-106135-450
EDB: ND
Benzene: 1.6 J
HC: 0

SVEW-11-410
EDB: ND
Benzene: 5600
HC: 217

SVEW-09-460
EDB: ND
Benzene: 2000
HC: 148

KAFB-106108-450
EDB: ND
Benzene: 15
HC: 0

SVMW-13-450
EDB: ND
Benzene: 91
HC: 2

KAFB-106134-450
EDB: ND
Benzene: 130
HC: 25

KAFB-106130-450
EDB: ND
Benzene: 2600
HC: 86

SVMW-12-450
EDB: ND
Benzene: 11
HC: 0

KAFB-106112-450
EDB: ND
Benzene: 17000
HC: 1363

SVEW-13-410
EDB: ND
Benzene: 25000
HC: 2190

KAFB-106132-450
EDB: ND
Benzene: 1.8 J
HC: 0

SVEW-10-410
EDB: ND
Benzene: 500
HC: 0

KAFB-106111-450
EDB: ND
Benzene: 6900
HC: 181

KAFB-106117-450
EDB: 2900 J
Benzene: 22000
HC: 6790

SVMW-15-450
EDB: ND
Benzene: 57000
HC: 3810

KAFB-106133-450
EDB: ND
Benzene: 2100
HC: 50

KAFB-106109-450
EDB: ND
Benzene: 6.1
HC: 0

KAFB-106129-450
EDB: ND
Benzene: 1900
HC: 108

SVEW-12-410
EDB: ND
Benzene: 5.7
HC: 1

KAFB-106128-450
EDB: 4800
Benzene: 33000
HC: 12110

KAFB-106116-450
EDB: ND
Benzene: 48000
HC: 5380

KAFB-106120-450
EDB: ND
Benzene: 85
HC: 31

KAFB-106115-450
EDB: ND
Benzene: 2700
HC: 415

SVMW-14-450
EDB: ND
Benzene: 0.71 J
HC: 1

KAFB-106114-450
EDB: ND
Benzene: 15000
HC: 5310

KAFB-106124-450
EDB: ND
Benzene: 52
HC: 14

KAFB-106113-450
EDB: 170 J
Benzene: 38000
HC: 1562

KAFB-106110-450
EDB: ND
Benzene: 560
HC: 61

KAFB-106125-450
EDB: ND
Benzene: 170
HC: 53

KAFB-106131-450
EDB: ND
Benzene: 4500
HC: 358

KAFB-106123-450
EDB: ND
Benzene: 3.3
HC: 4

KAFB-106126-450
EDB: ND
Benzene: ND
HC: 239

KAFB-106121-450
EDB: ND
Benzene: 130
HC: 4

KAFB-106122-450
EDB: ND
Benzene: 180
HC: 16

KAFB-106140-450
EDB: ND
Benzene: 61
HC: 4

KAFB-106127-450
EDB: ND
Benzene: 1.6 J
HC: 0

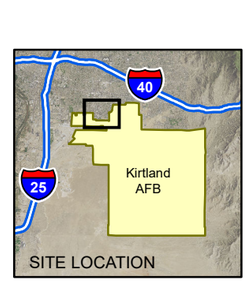
Notes:
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Title depth is the nominal depth for the monitoring interval.
Concentrations for EDB and benzene are reported in µg/m^3.
Concentrations for HC are reported in ppmv.
µg/m^3= microgram(s) per cubic meter
bgs = below ground surface
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
HC = hydrocarbon
ND = nondetect
ppmv = parts per million by volume
Q2 = quarter 2
Qualifier:
J = qualifier denotes the analyte was positively identified but the associated numerical value is estimated.
SVEW-05-460 was not sampled during Q4 2020
soil vapor monitoring due to potential influence from the bioventing system.

Legend

- Soil Vapor Monitoring Point
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary

Area of Interest

- Off-Base
- On-Base Outside of Source Area
- Source Area



N

0 175 350 700

Feet

1 inch = 350 feet

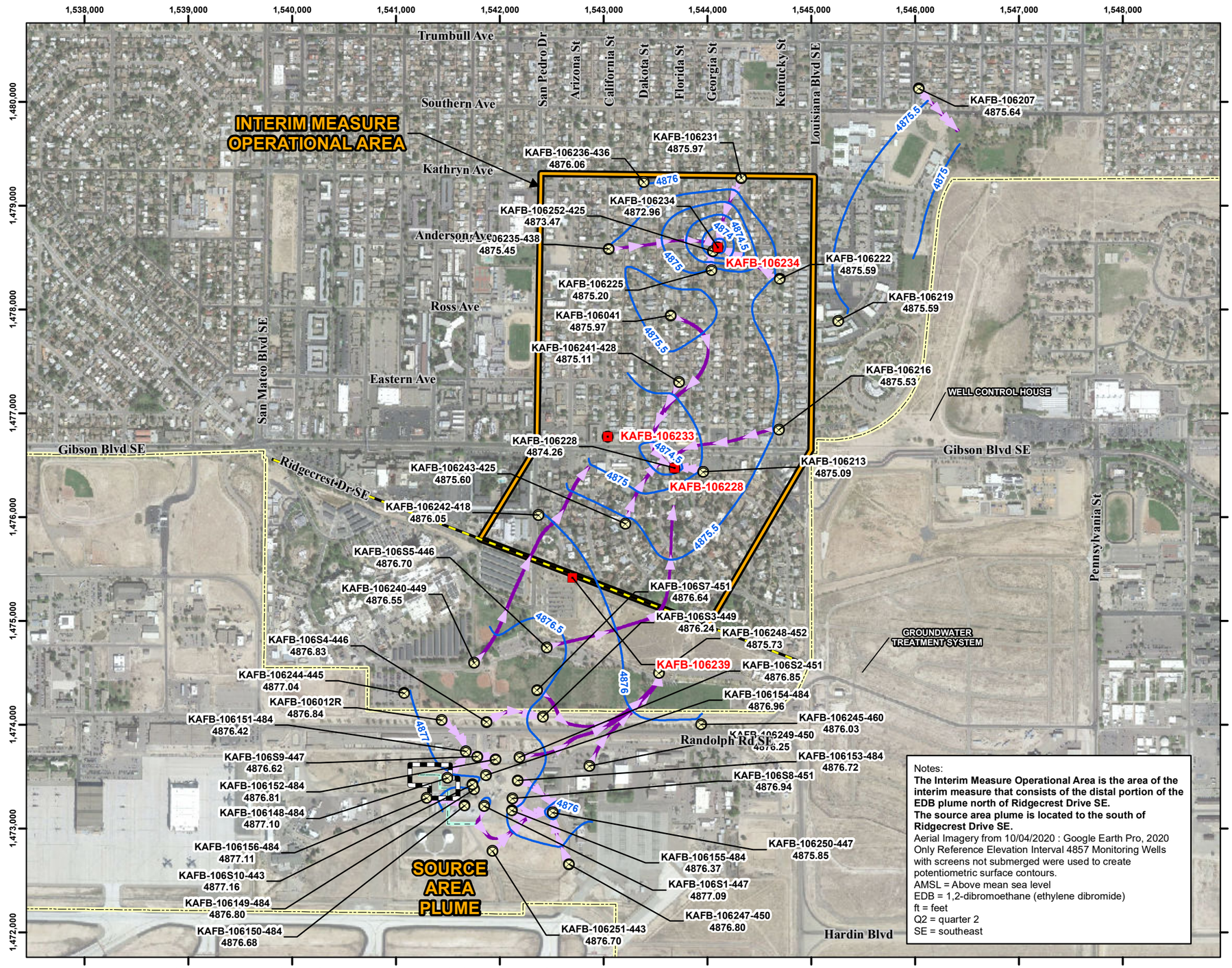
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 4-7

BENZENE, EDB, AND HC CONCENTRATIONS IN SOIL VAPOR IN THE SOURCE AREA PLUME AT 450 FT BGS, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 4\4-7 Benzene_EDB_HC_Conc_450ft_Q221.mxd 9/9/2021 EA ecarpio



Legend

- Extraction Well
- Reference Elevation Interval 4857 Monitoring Well (Screen Not Submerged)
- Groundwater Elevation Contour (0.5 ft interval)
- **4875.64** Groundwater Elevation (ft AMSL)
- Particle Flow Lines (Direction of Groundwater Flow)
- Target Capture Zone Boundary
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area

N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

Notes:

The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.

The source area plume is located to the south of Ridgecrest Drive SE.

Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020

Only Reference Elevation Interval 4857 Monitoring Wells with screens not submerged were used to create potentiometric surface contours.

AMSL = Above mean sea level

EDB = 1,2-dibromoethane (ethylene dibromide)

ft = feet

Q2 = quarter 2

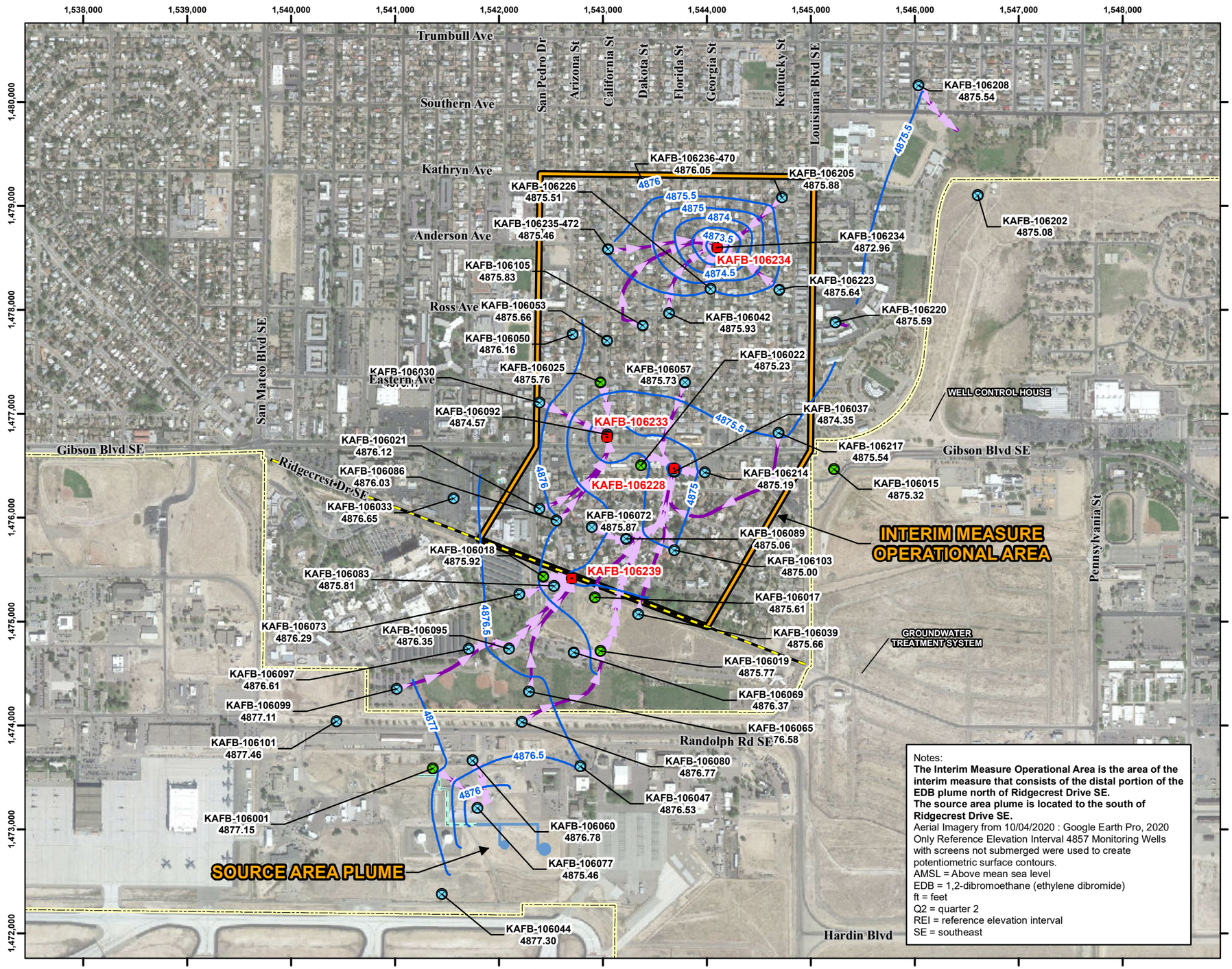
SE = southeast

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FIGURE 5-1

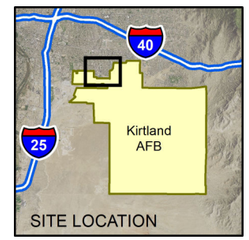
POTENTIOMETRIC SURFACE OF THE WATER TABLE, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 5\5-1 Potentiometric Surface Water Table_Q221.mxd 8/11/2021 EA ecarpio



Legend

- Reference Elevation Interval 4857/4838 Monitoring Well (Screen Submerged)
- Reference Elevation Interval 4838 Monitoring Well (Screen Submerged)
- Extraction Well
- Particle Flow Lines (Direction of Groundwater Flow)
- Groundwater Elevation Contour (0.5 ft interval)
- 4875.08 Groundwater Elevation (ft AMSL)
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Target Capture Zone Boundary
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

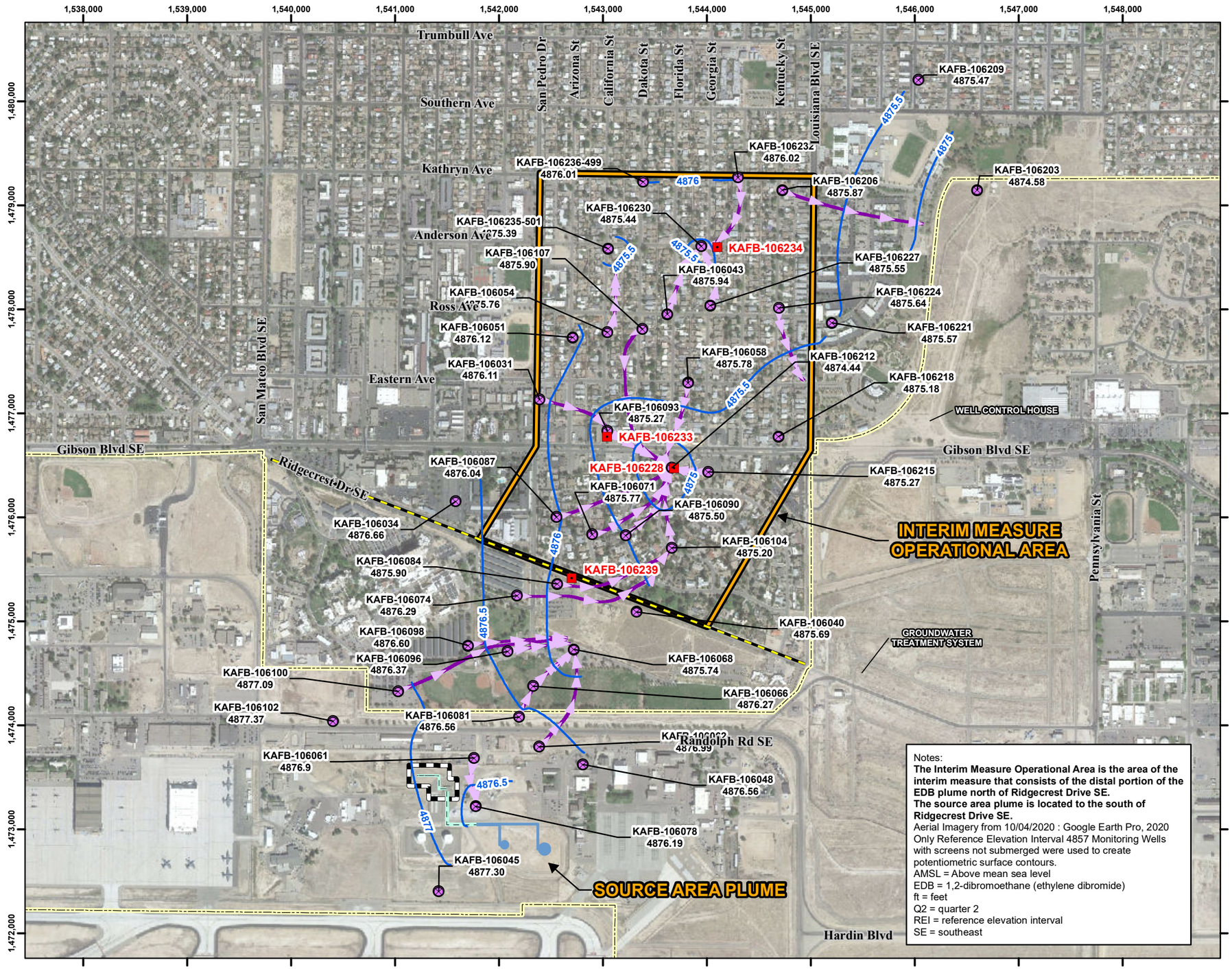
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Only Reference Elevation Interval 4857 Monitoring Wells with screens not submerged were used to create potentiometric surface contours.
AMSL = Above mean sea level
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = feet
Q2 = quarter 2
REI = reference elevation interval
SE = southeast

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FIGURE 5-2

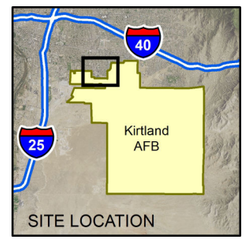
POTENTIOMETRIC SURFACE
REFERENCE ELEVATION INTERVAL
4838, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 5\5-2 Potentiometric Surface REI 4838_Q221.mxd 8/11/2021 EA ecarpio



Legend

- Reference Elevation Interval 4814 Monitoring Well (Screen Submerged)
- Extraction Well
- Groundwater Level Contour (0.5 ft interval)
- 4875.47 Groundwater Elevation (ft AMSL)
- Particle Flow Lines (Direction of Groundwater Flow)
- Former Aboveground Storage Tank
- Former Aboveground Fuel Transfer Line
- Target Capture Zone Boundary
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

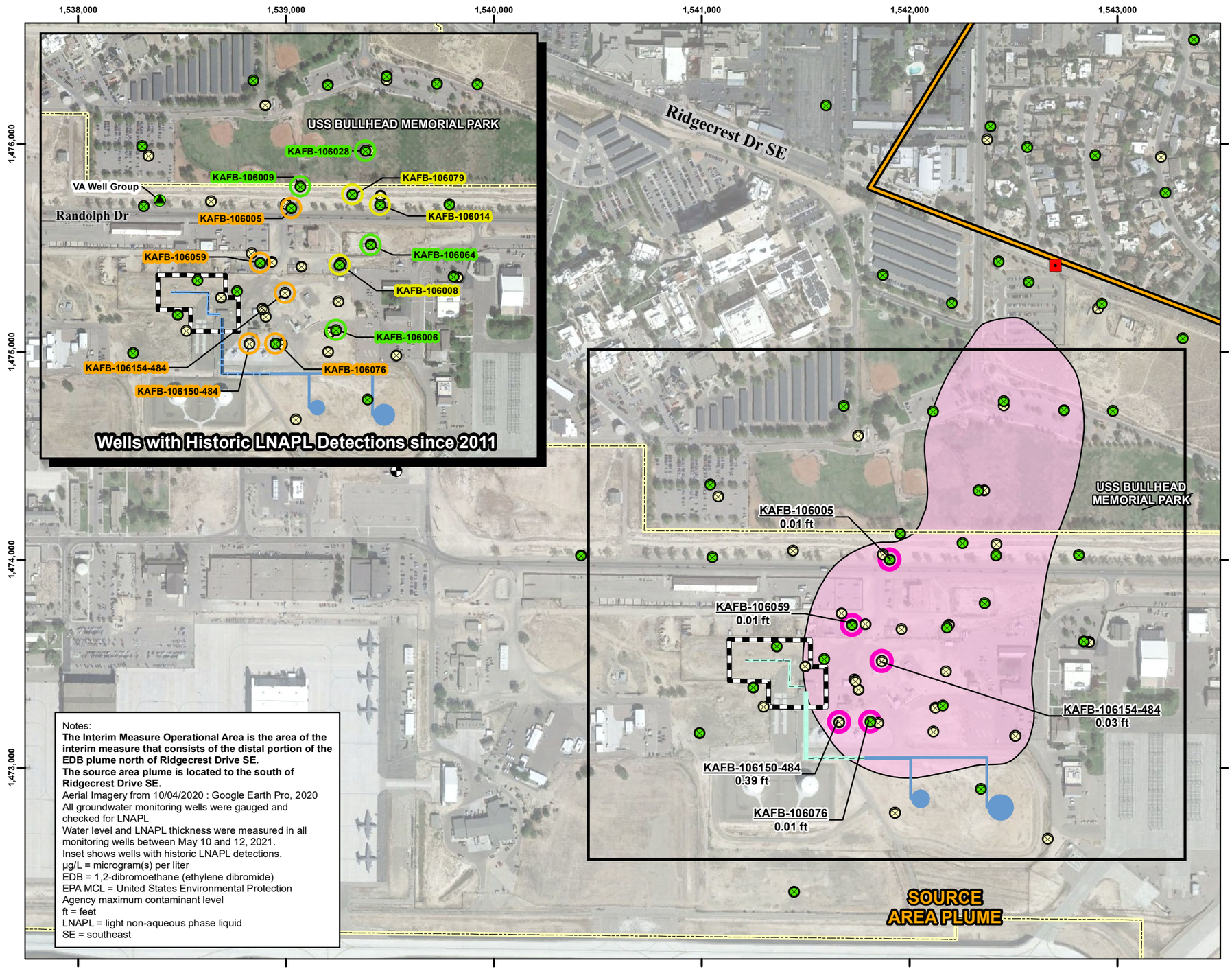
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
Only Reference Elevation Interval 4857 Monitoring Wells with screens not submerged were used to create potentiometric surface contours.
AMSL = Above mean sea level
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = feet
Q2 = quarter 2
REI = reference elevation interval
SE = southeast

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FIGURE 5-3

POTENTIOMETRIC SURFACE
REFERENCE ELEVATION INTERVAL
4814, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 5\5-3 Potentiometric Surface REI 4814_Q221.mxd 8/11/2021 EA ecarpio

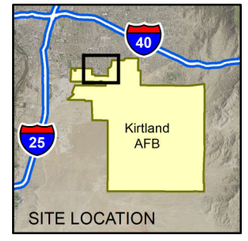


Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020
All groundwater monitoring wells were gauged and checked for LNAPL
Water level and LNAPL thickness were measured in all monitoring wells between May 10 and 12, 2021.
Inset shows wells with historic LNAPL detections.
µg/L = microgram(s) per liter
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA MCL = United States Environmental Protection Agency maximum contaminant level
ft = feet
LNAPL = light non-aqueous phase liquid
SE = southeast

Legend

- Monitoring Well with Confirmed LNAPL in Q2 2021
- Monitoring Well with measurable LNAPL in 2020 and 2021 (Inset Map)
- Monitoring Well with LNAPL last measured between 2015 and 2019 (Inset Map)
- Monitoring Well with LNAPL last measured between 2011 and 2014 (Inset Map)
- Reference Elevation Interval 4857 Groundwater Monitoring Wells with top of screen unsubmerged
- Reference Elevation Interval 4857 and 4857/4838 Groundwater Monitoring Wells with fully submerged screens
- Nested Groundwater Monitoring Well
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Benzene Plume, Q2 2021 ≥5 µg/L (EPA MCL) in the Source Area Plume (Measured)
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area

Well Location ID
LNAPL Thickness (ft)



N

0 250 500 1,000
Feet
1 inch = 500 feet

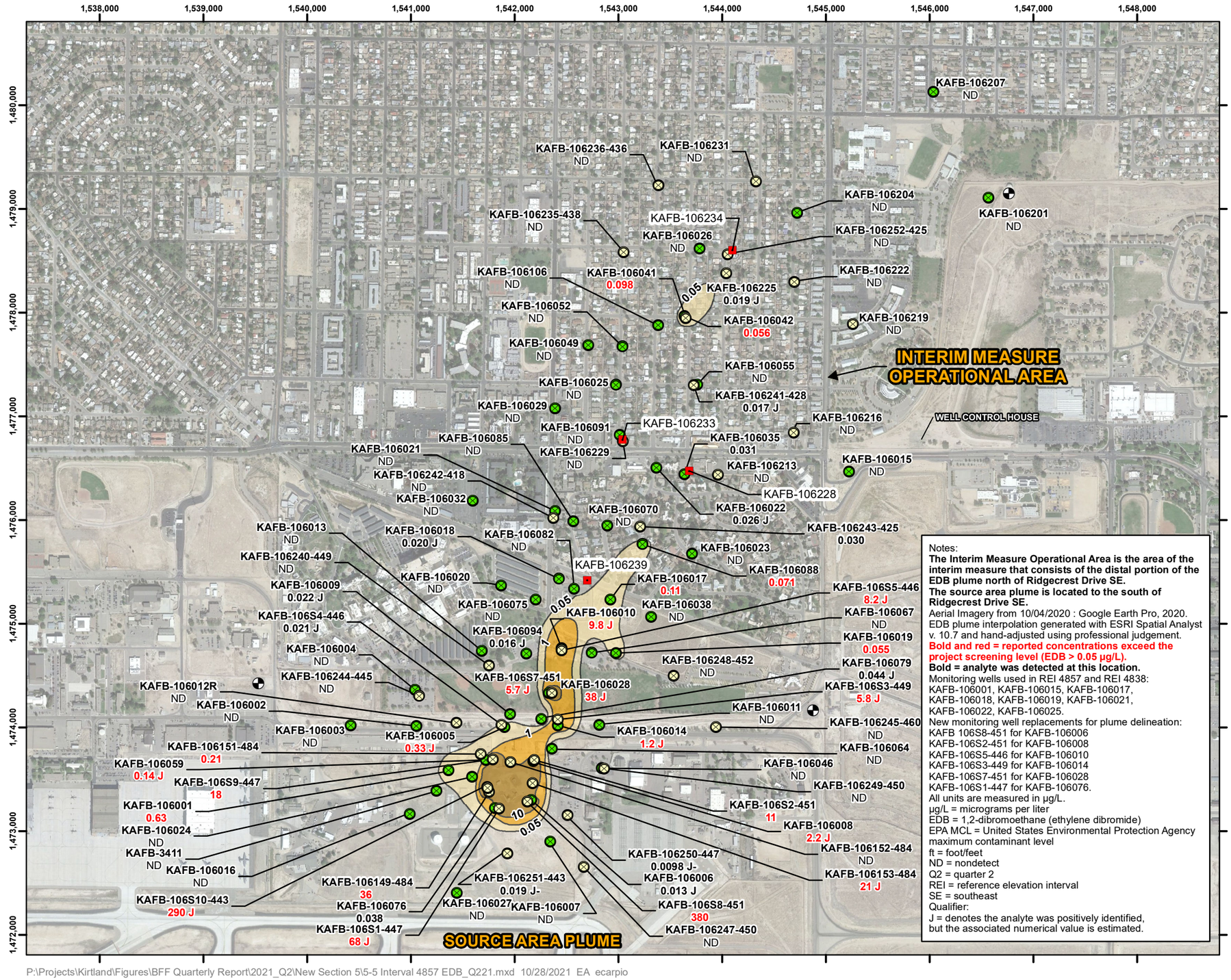
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 5-4

GROUNDWATER MONITORING WELLS WITH MEASURABLE LNAPL

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 5\5-4 GWM with Measurable LNAPL_Q221.mxd 9/8/2021 EA ecarpio

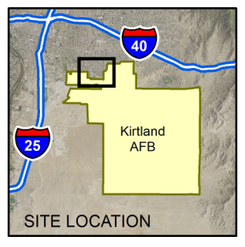


Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020.
EDB plume interpolation generated with ESRI Spatial Analyst v. 10.7 and hand-adjusted using professional judgement.
Bold and red = reported concentrations exceed the project screening level (EDB > 0.05 µg/L).
Bold = analyte was detected at this location.
Monitoring wells used in REI 4857 and REI 4838:
KAFB-106001, KAFB-106015, KAFB-106017, KAFB-106018, KAFB-106019, KAFB-106021, KAFB-106022, KAFB-106025.
New monitoring well replacements for plume delineation:
KAFB 106S8-451 for KAFB-106006
KAFB-106S2-451 for KAFB-106008
KAFB-106S5-446 for KAFB-106010
KAFB-106S3-449 for KAFB-106014
KAFB-106S7-451 for KAFB-106028
KAFB-106S1-447 for KAFB-106076.
All units are measured in µg/L.
µg/L = micrograms per liter
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA MCL = United States Environmental Protection Agency maximum contaminant level
ft = foot/feet
ND = nondetect
Q2 = quarter 2
REI = reference elevation interval
SE = southeast
Qualifier:
J = denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Reference Elevation Interval 4857 Monitoring Well (Screen Not Submerged)
- Reference Elevation Interval 4857 and 4857/4838 Monitoring Well (Screen Submerged)
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- EDB Concentration Isocontour
- Interim Measure Operational Area
- Installation Fence Boundary
- Source

Measured EDB Concentration Range
- 0.05 (EPA MCL) - 1.0 µg/L
- 1.0 - 10 µg/L
- 10 - 500 µg/L



N

0 500 1,000 2,000
Feet
1 inch = 1,000 feet

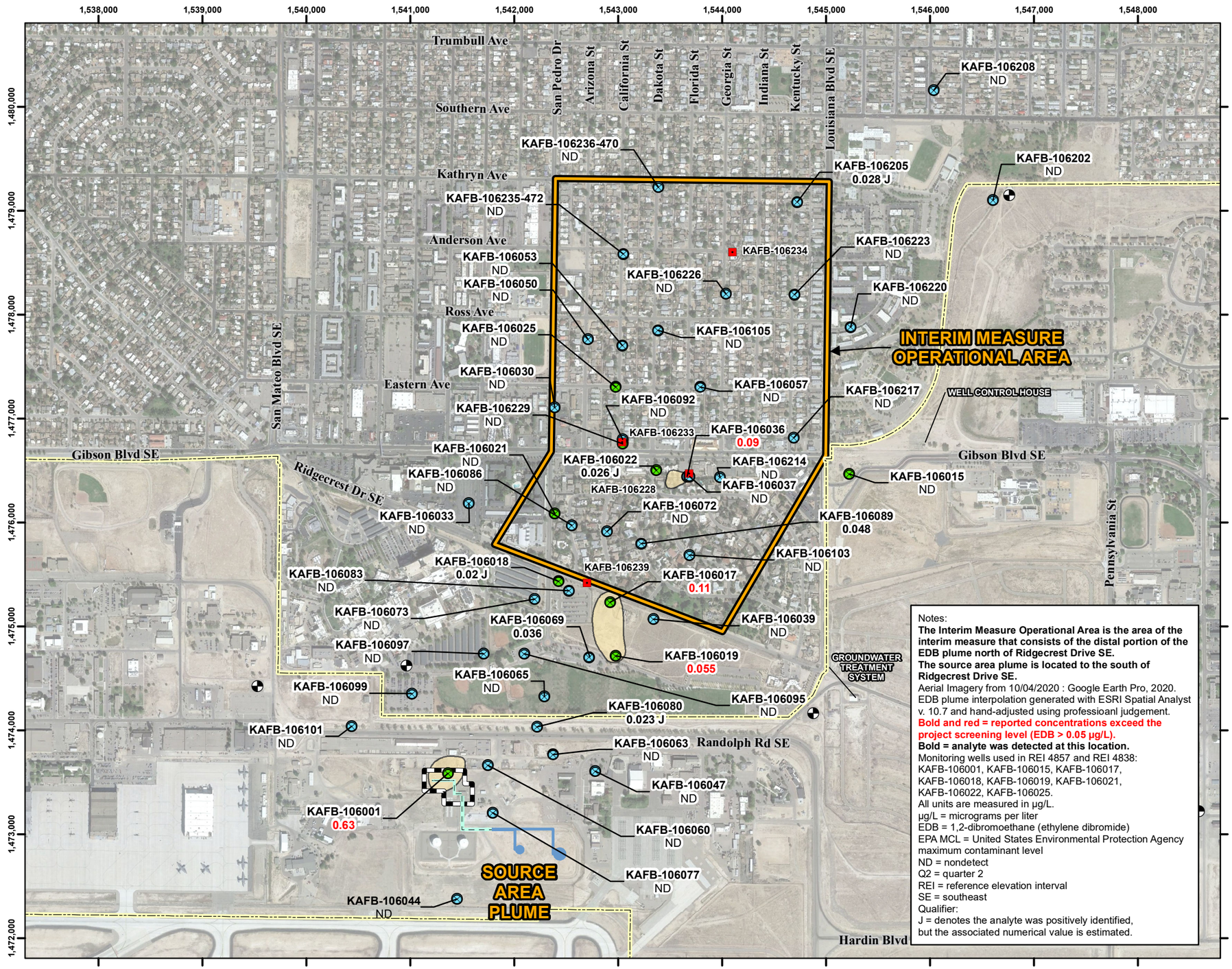
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 5-5

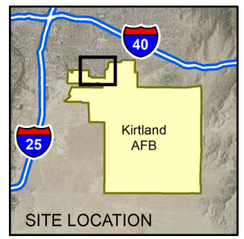
EDB CONCENTRATIONS IN GROUNDWATER
REFERENCE ELEVATION INTERVAL 4857,
Q2 2021

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Legend

- Reference Elevation Interval 4857/4838 Monitoring Well (Screen Submerged)
- Reference Elevation Interval 4838 Monitoring Well (Screen Submerged)
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area
- EDB Plume Q2 2021 (> 0.05 µg/L) Measured EDB Concentration Range



Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020.
EDB plume interpolation generated with ESRI Spatial Analyst v. 10.7 and hand-adjusted using professioanl judgement.
Bold and red = reported concentrations exceed the project screening level (EDB > 0.05 µg/L).
Bold = analyte was detected at this location.
Monitoring wells used in REI 4857 and REI 4838:
KAFB-106001, KAFB-106015, KAFB-106017, KAFB-106018, KAFB-106019, KAFB-106021, KAFB-106022, KAFB-106025.
All units are measured in µg/L.
µg/L = micrograms per liter
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA MCL = United States Environmental Protection Agency maximum contaminant level
ND = nondetect
Q2 = quarter 2
REI = reference elevation interval
SE = southeast
Qualifier:
J = denotes the analyte was positively identified, but the associated numerical value is estimated.

N

0 500 1,000 2,000
Feet
1 inch = 1,000 feet

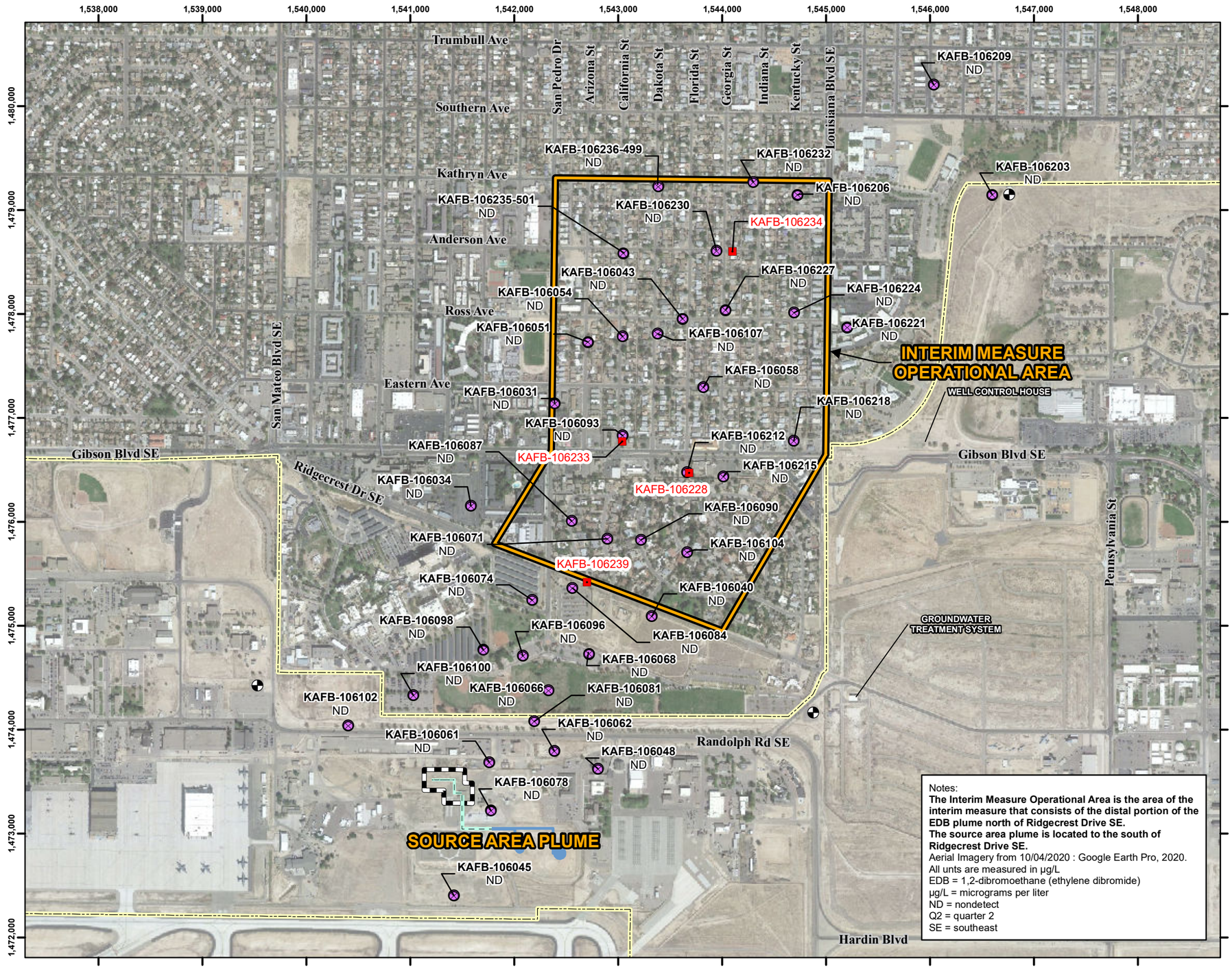
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 5-6

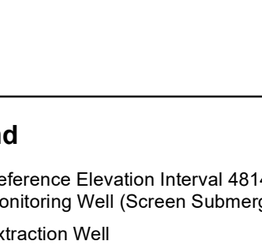
EDB CONCENTRATIONS IN GROUNDWATER
REFERENCE ELEVATION INTERVAL 4838,
Q2 2021

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Legend

- Reference Elevation Interval 4814 Monitoring Well (Screen Submerged)
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

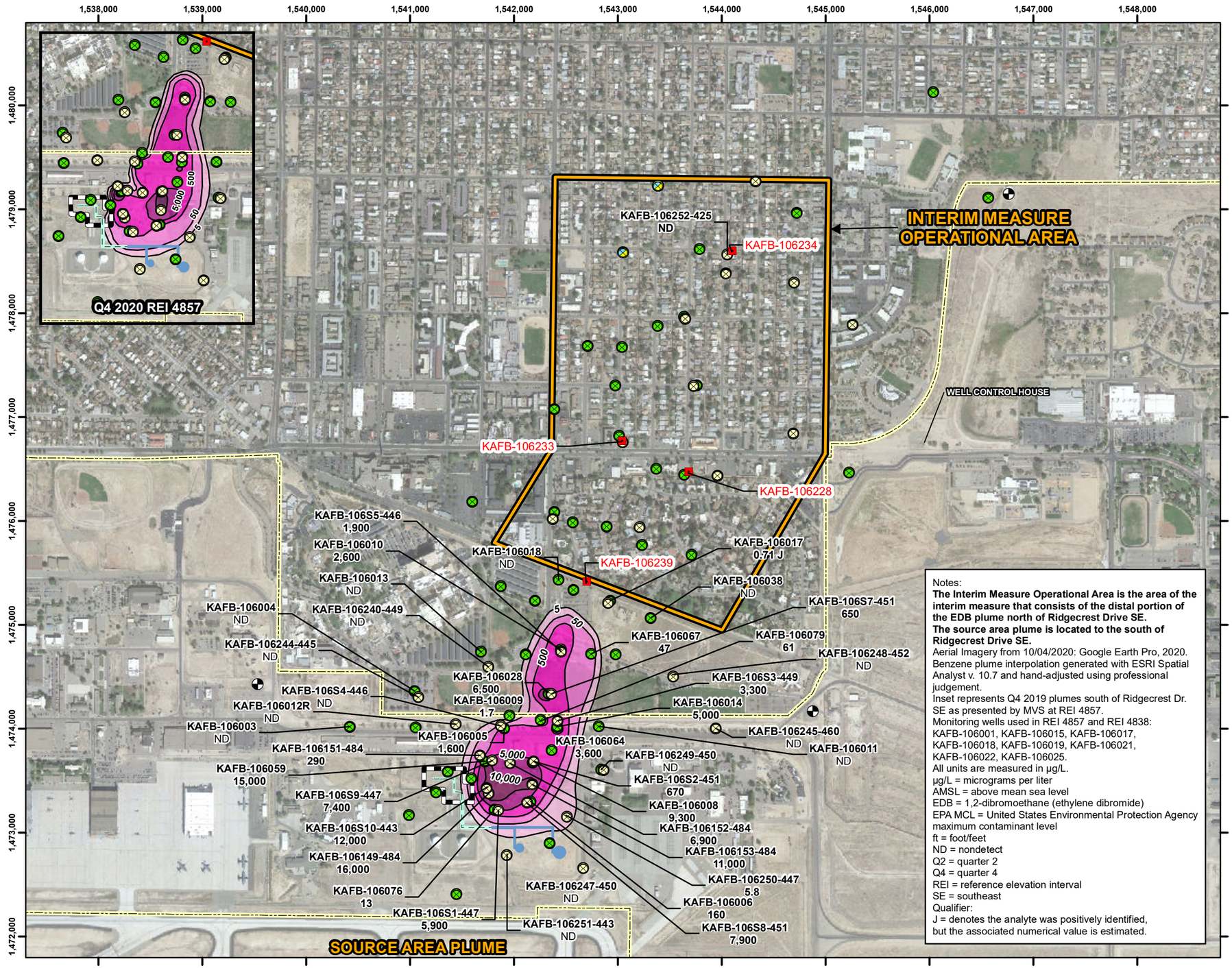
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020 : Google Earth Pro, 2020.
All unts are measured in µg/L
EDB = 1,2-dibromoethane (ethylene dibromide)
µg/L = micrograms per liter
ND = nondetect
Q2 = quarter 2
SE = southeast

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FIGURE 5-7

EDB CONCENTRATIONS IN GROUNDWATER REFERENCE ELEVATION INTERVAL 4814, Q2 2021

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Legend

- Reference Elevation Interval 4857 Monitoring Well (Screen Not Submerged)
- Reference Elevation Interval 4857 and 4857/4838 Monitoring Well (Screen Submerged)
- Nested Groundwater Monitoring Well
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Benzene Concentration Isocontour
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area

Measured Benzene Concentration Range

- 5.0 (EPA MCL) - 50 µg/L
- 50 - 500 µg/L
- 500 - 5,000 µg/L
- 5,000 - 10,000 µg/L
- > 10,000 µg/L

Notes:

The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.

The source area plume is located to the south of Ridgecrest Drive SE.

Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.

Benzene plume interpolation generated with ESRI Spatial Analyst v. 10.7 and hand-adjusted using professional judgement.

Inset represents Q4 2019 plumes south of Ridgecrest Dr. SE as presented by MVS at REI 4857.

Monitoring wells used in REI 4857 and REI 4838: KAFB-106001, KAFB-106015, KAFB-106017, KAFB-106018, KAFB-106019, KAFB-106021, KAFB-106022, KAFB-106025.

All units are measured in µg/L.

µg/L = micrograms per liter

AMSL = above mean sea level

EDB = 1,2-dibromoethane (ethylene dibromide)

EPA MCL = United States Environmental Protection Agency maximum contaminant level

ft = foot/feet

ND = nondetect

Q2 = quarter 2

Q4 = quarter 4

REI = reference elevation interval

SE = southeast

Qualifier:

J = denotes the analyte was positively identified, but the associated numerical value is estimated.

N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

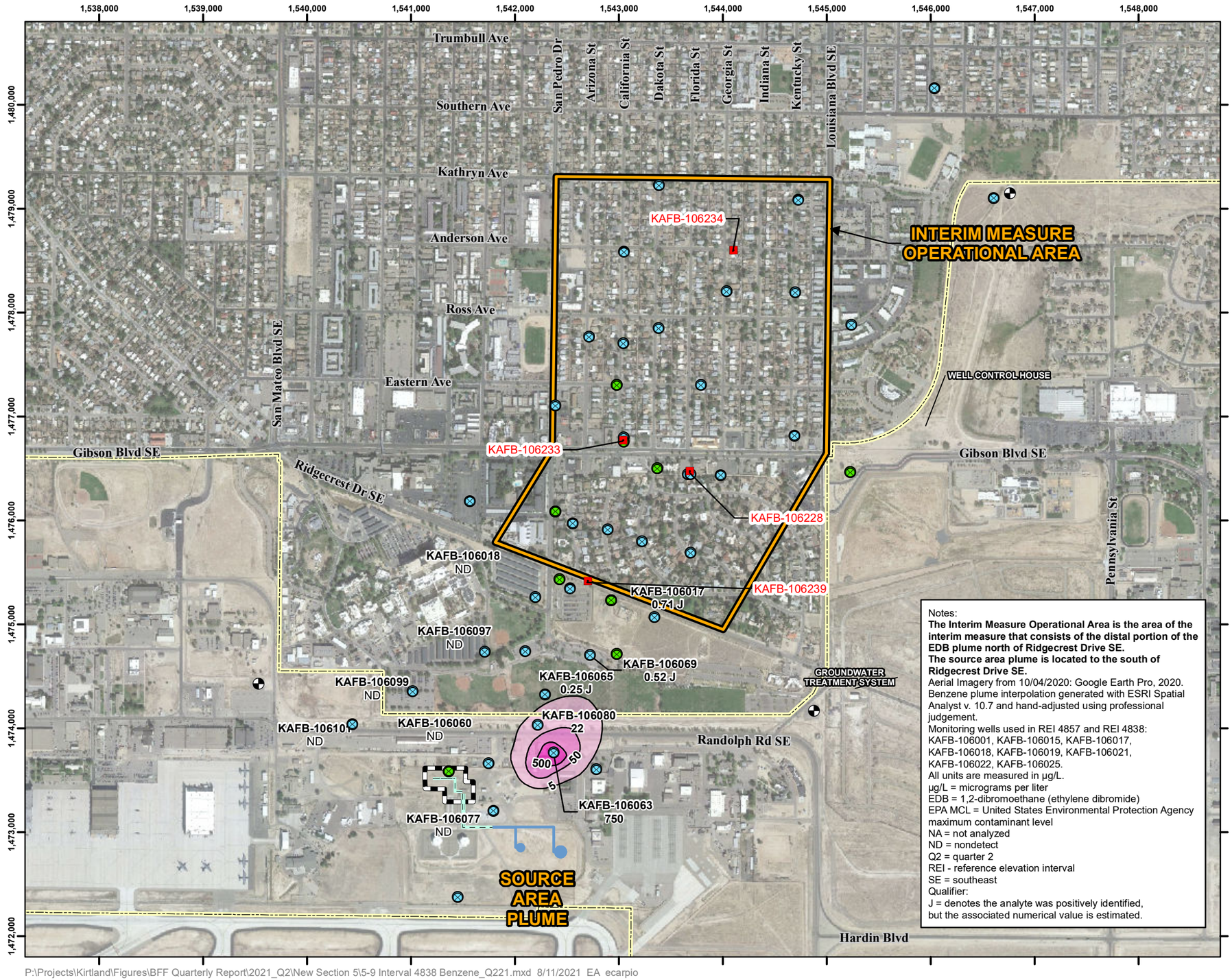
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 5-8

BENZENE CONCENTRATIONS IN GROUNDWATER REFERENCE ELEVATION INTERVAL 4857, Q2 2021

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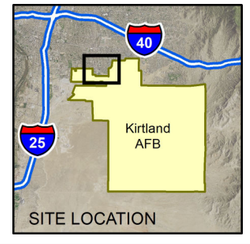
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Benzene plume interpolation generated with ESRI Spatial Analyst v. 10.7 and hand-adjusted using professional judgement.
Monitoring wells used in REI 4857 and REI 4838:
KAFB-106001, KAFB-106015, KAFB-106017, KAFB-106018, KAFB-106019, KAFB-106021, KAFB-106022, KAFB-106025.
All units are measured in µg/L.
µg/L = micrograms per liter
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA MCL = United States Environmental Protection Agency maximum contaminant level
NA = not analyzed
ND = nondetect
Q2 = quarter 2
REI - reference elevation interval
SE = southeast
Qualifier:
J = denotes the analyte was positively identified, but the associated numerical value is estimated.

Legend

- Reference Elevation Interval 4858/4838 Monitoring Well (Screen Submerged)
- Reference Elevation Interval 4838 Monitoring Well (Screen Submerged)
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Benzene Concentration Isocontour
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area

Measured Benzene Concentration Range

- 5.0 (EPA MCL) - 50 µg/L
- 50 - 500 µg/L
- 500 - 5,000 µg/L
- >5,000 µg/L



N

0 500 1,000 2,000
Feet
1 inch = 1,000 feet

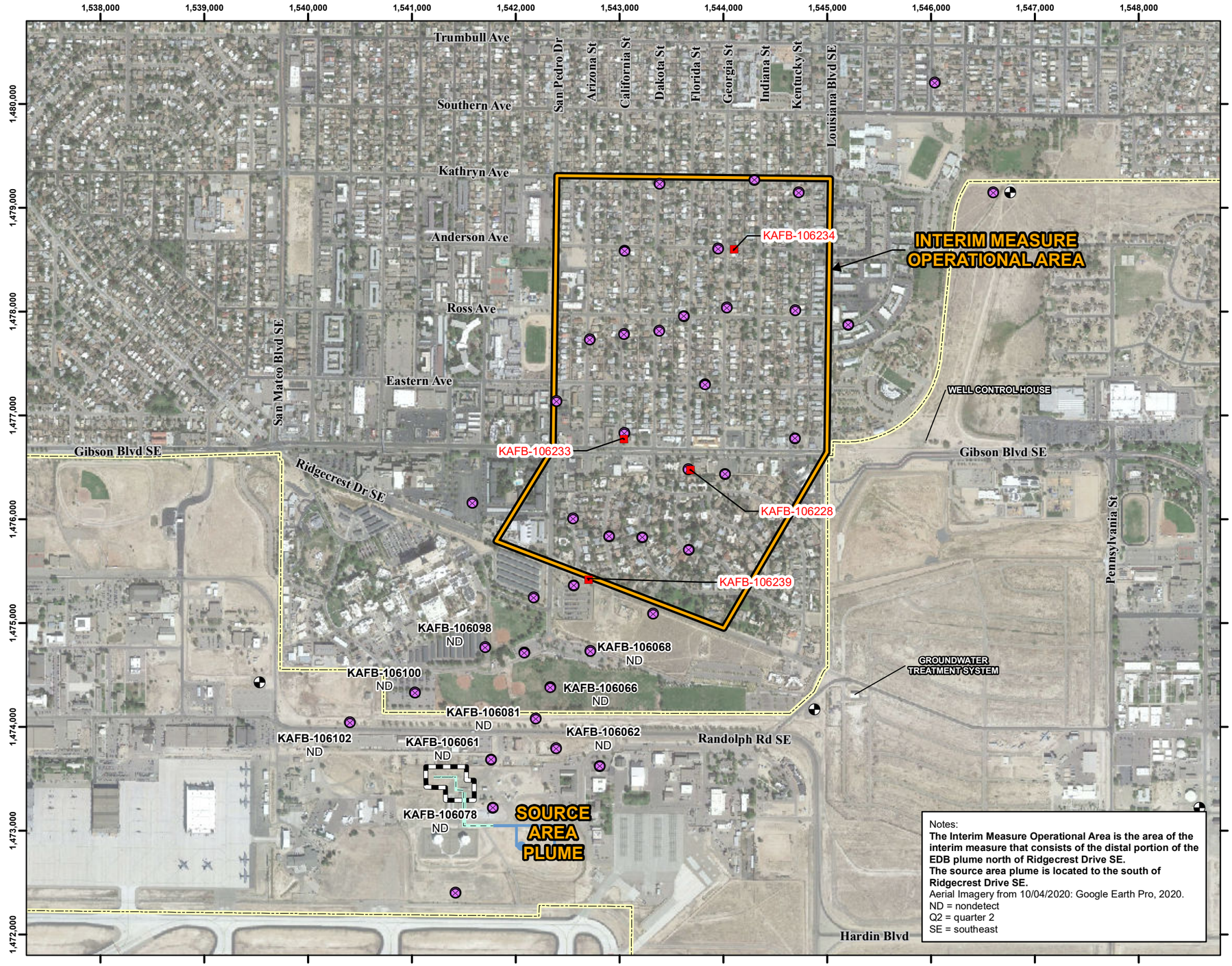
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 5-9

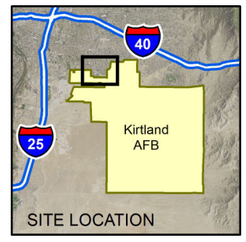
BENZENE CONCENTRATIONS IN GROUNDWATER REFERENCE ELEVATION INTERVAL 4838, Q2 2021

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Legend

- Reference Elevation Interval 4814 Monitoring Well (Screen Submerged)
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

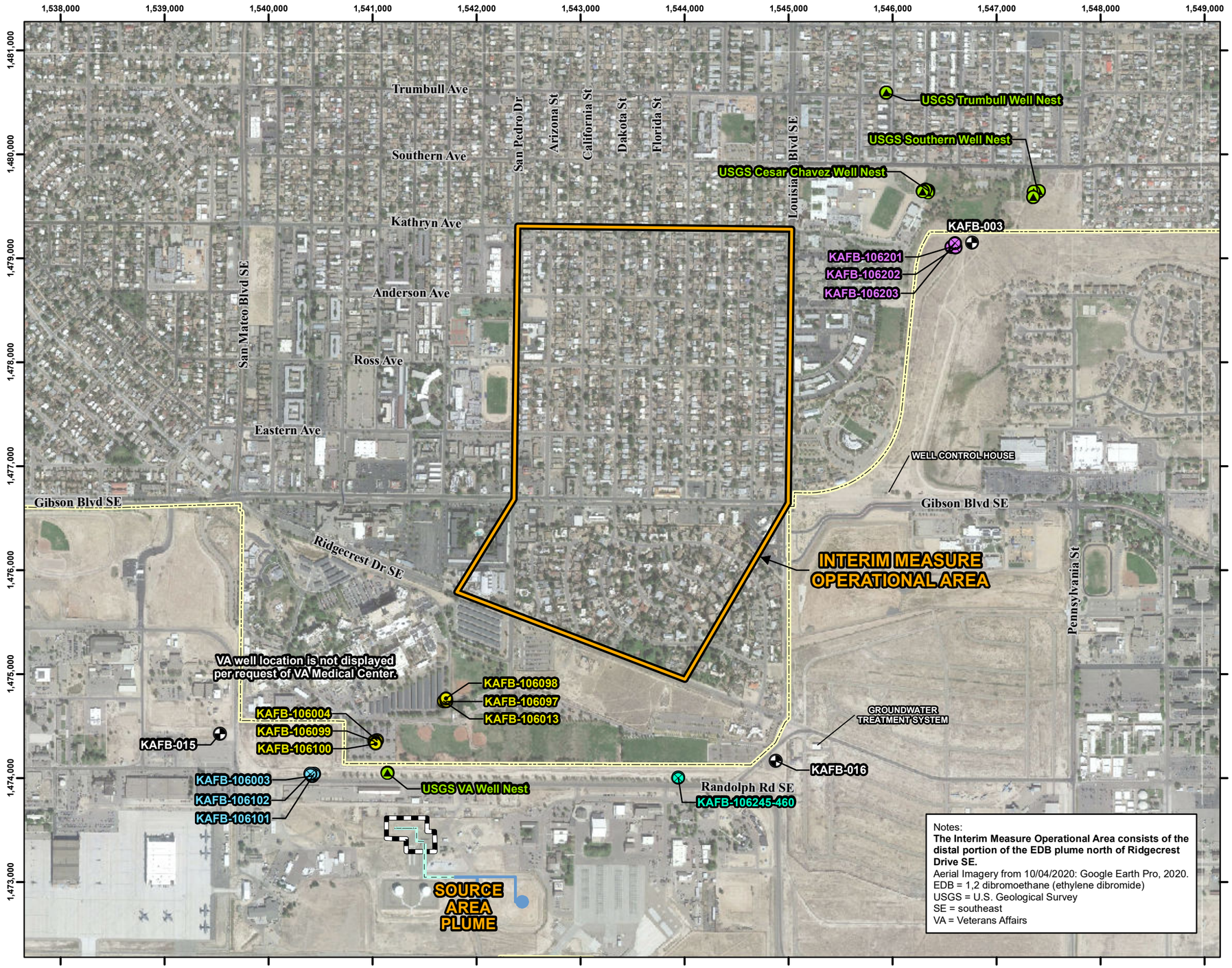
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
ND = nondetect
Q2 = quarter 2
SE = southeast

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FIGURE 5-10

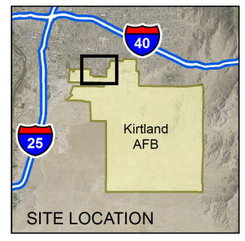
BENZENE CONCENTRATIONS IN GROUNDWATER REFERENCE ELEVATION INTERVAL 4814, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 5\5-10 Interval 4814 Benzene_Q221.mxd 8/11/2021 EA ecarpio



Legend

- KAFB-016 Sentinel Monitoring Well
- KAFB-003 Sentinel Monitoring Well
- VA Proximal and KAFB-015 Sentinel Monitoring Well
- Drinking Water Supply Well
- USGS Sentinel Monitoring Well
- VA Proximal Monitoring Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

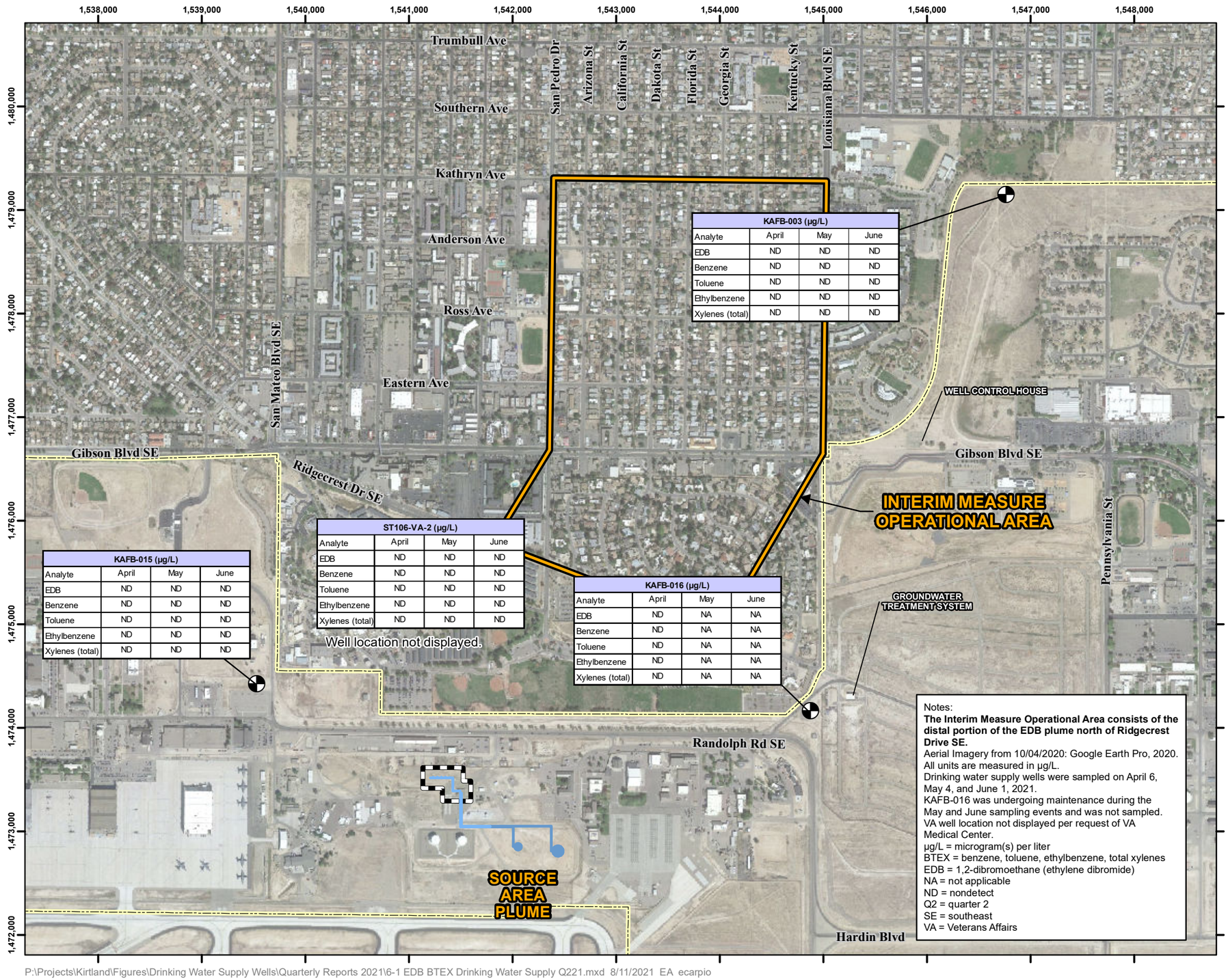
Notes:
The Interim Measure Operational Area consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
EDB = 1,2 dibromoethane (ethylene dibromide)
USGS = U.S. Geological Survey
SE = southeast
VA = Veterans Affairs

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FIGURE 5-11

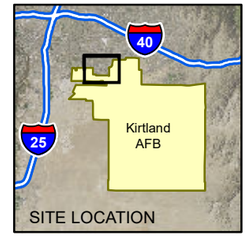
SENTINEL AND PROXIMAL MONITORING WELL LOCATIONS

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 5\5-11 Sentinel Well Locations_Q121.mxd 8/11/2021 EA ecarpio



Legend

- Drinking Water Supply Wells
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

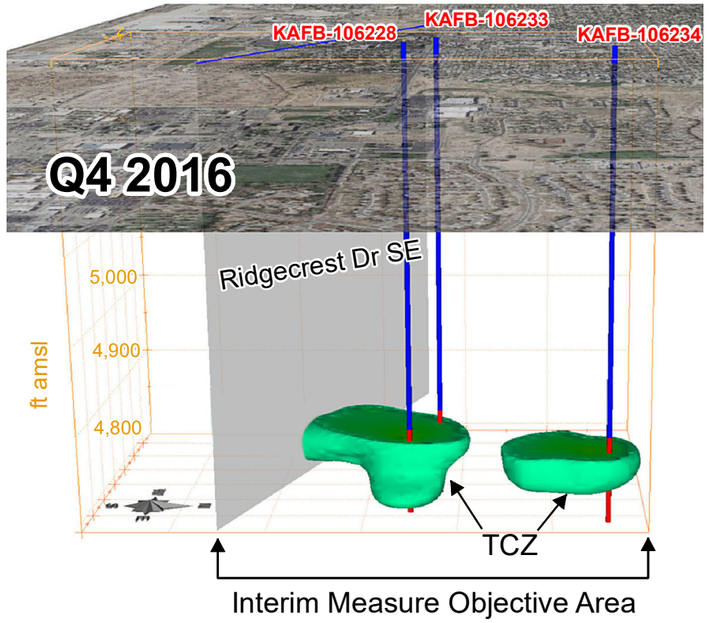
Notes:
The Interim Measure Operational Area consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
All units are measured in µg/L.
Drinking water supply wells were sampled on April 6, May 4, and June 1, 2021.
KAFB-016 was undergoing maintenance during the May and June sampling events and was not sampled.
VA well location not displayed per request of VA Medical Center.
µg/L = microgram(s) per liter
BTEX = benzene, toluene, ethylbenzene, total xylenes
EDB = 1,2-dibromoethane (ethylene dibromide)
NA = not applicable
ND = nondetect
Q2 = quarter 2
SE = southeast
VA = Veterans Affairs

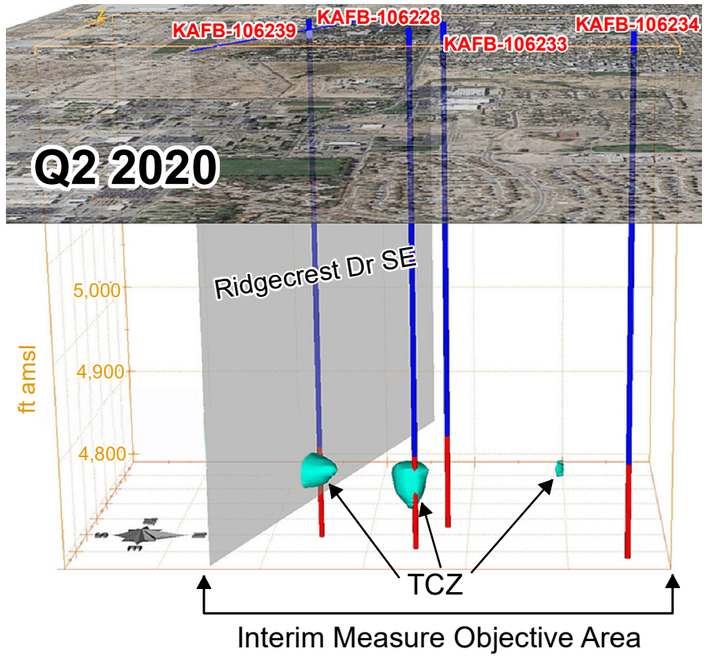
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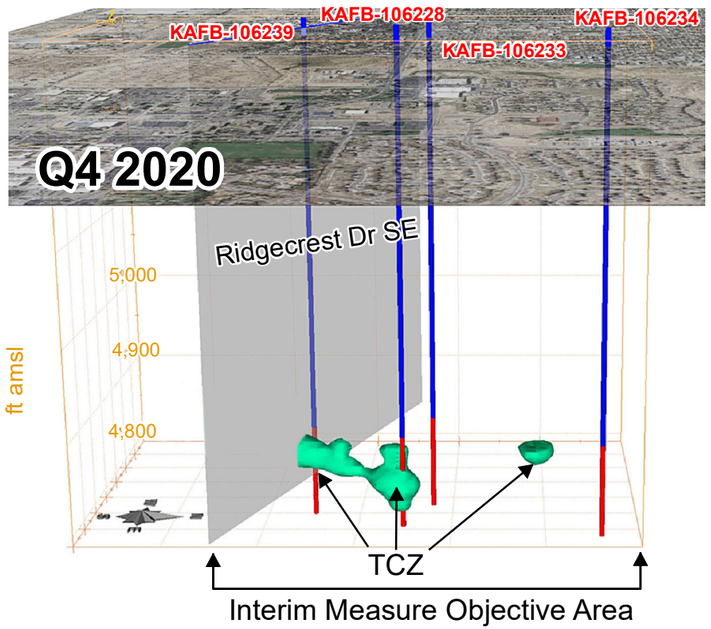
FIGURE 6-1

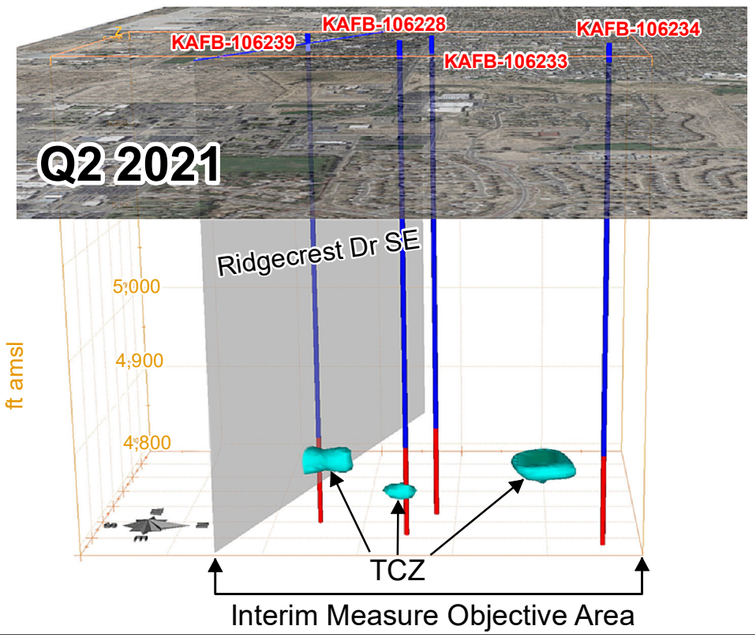
EDB AND BTEX RESULTS IN DRINKING WATER SUPPLY WELLS, Q2 2021

P:\Projects\Kirtland\Figures\Drinking Water Supply Wells\Quarterly Reports 2021\6-1 EDB BTEX Drinking Water Supply Q221.mxd 8/11/2021 EA ecarpio









Legend

0.05 µg/L EDB Iso-shell

Extraction Well

Red = Screened interval

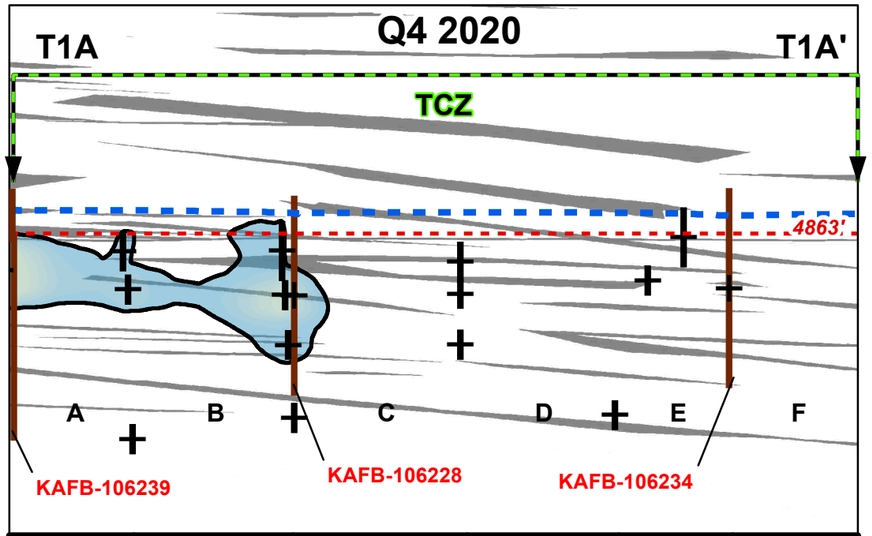
Notes:
Aerial Imagery from 04/22/2017 : Google Earth Pro, 2017
Q4 2016 is baseline TCZ plume morphology.
Figure shows the last four TCZ plume morphologies.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
3D models vertically exaggerated by a factor of 10.
Target Capture Zone is EDB plume >0.05 µg/L north of Ridgecrest Drive SE.
µg/L = microgram(s) per liter
amsl = above mean sea level
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
SE = southeast
TCZ = Target Capture Zone
Q2 = quarter 2
Q4 = quarter 4

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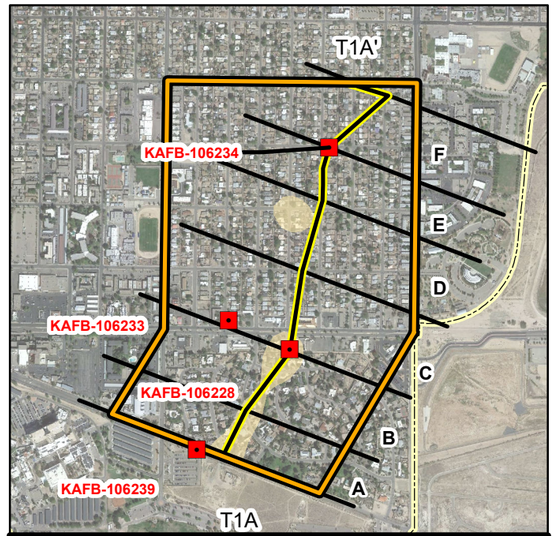
FIGURE 10-1

COMPARISON OF EDB TARGET CAPTURE ZONE MORPHOLOGY, Q4 2016 - Q2 2021

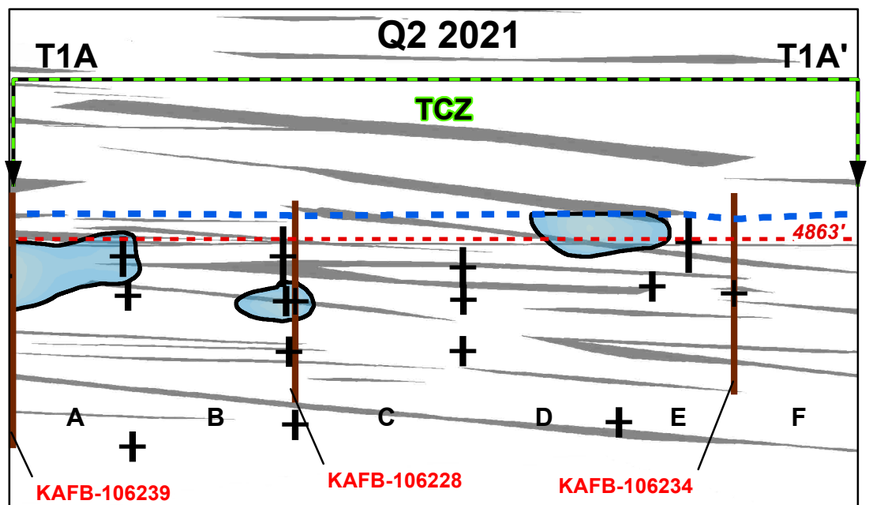
P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-1 Comparison of EDB Plume Morphology 2016-2021Q2_rev.mxd 9/9/2021 EA ecarpio



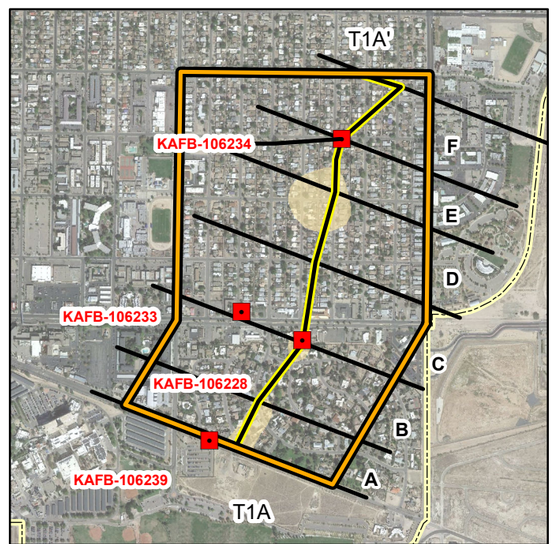
V 3.87E+06 cf M 1.7 g	V 5.16E+06 cf M 2.2 g	V 1.51E+06 cf M 0.7 g	V 1.71E+06 cf M 0.7 g	V 0.00E+00 cf M 0.0 g	V 0.00E+00 cf M 0.0 g



2020 Q4 Plume Totals
Iso-Shell Volume (V) = 1.23E+07 cubic feet (cf)
EDB Mass (M) = 5.2 grams (g)
assuming a total porosity of 25%



V 2.98E+06 cf M 1.2 g	V 7.48E+05 cf M 0.3 g	V 2.47E+05 cf M 0.1 g	V 4.93E+06 cf M 2.6 g	V 1.31E+06 cf M 0.6 g	V 0.00E+00 cf M 0.0 g

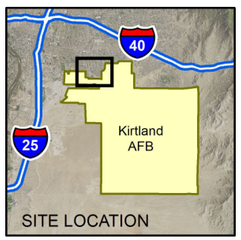


2021 Q2 Plume Totals
Iso-Shell Volume (V) =
1.02E+07 cubic feet (cf)
EDB Mass (M) = 4.8 grams (g)
assuming a total porosity of 25%

Legend

- Groundwater Monitoring Well Screen
- Extraction Well
- Reference Elevation Interval 4863
- Water Table Level
- Volumetric Lines
- Installation Boundary
- Interim Measure Operational Area
- EDB Plume with Concentration > 0.05 µg/L (EPA MCLs) (Simulated)
- AECOM Defined Fine Grained Lithology
- EDB Concentration of 0.05 µg/L (Simulated)
- EDB Concentration of 1.00 µg/L (Simulated)
- EDB Concentration of > 30.0 µg/L (Simulated)

Notes:
Aerial Imagery from 02/04/2020: Google Earth Pro, 2020.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
3D model vertical exaggeration depicted by a factor of 10.
Simulated EDB concentrations were screened against the EPA MCL (0.05 µg/L).
AECOM = Architecture, Engineering, Consulting, Operations, and Maintenance
cf = cubic feet
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA MCL = U.S. Environmental Protection Agency maximum contaminant level
g = grams
V = volume
M = mass
TCZ = Target Capture Zone
µg/L = microgram(s) per liter
Q2 = quarter 2
Q4 = quarter 4



Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

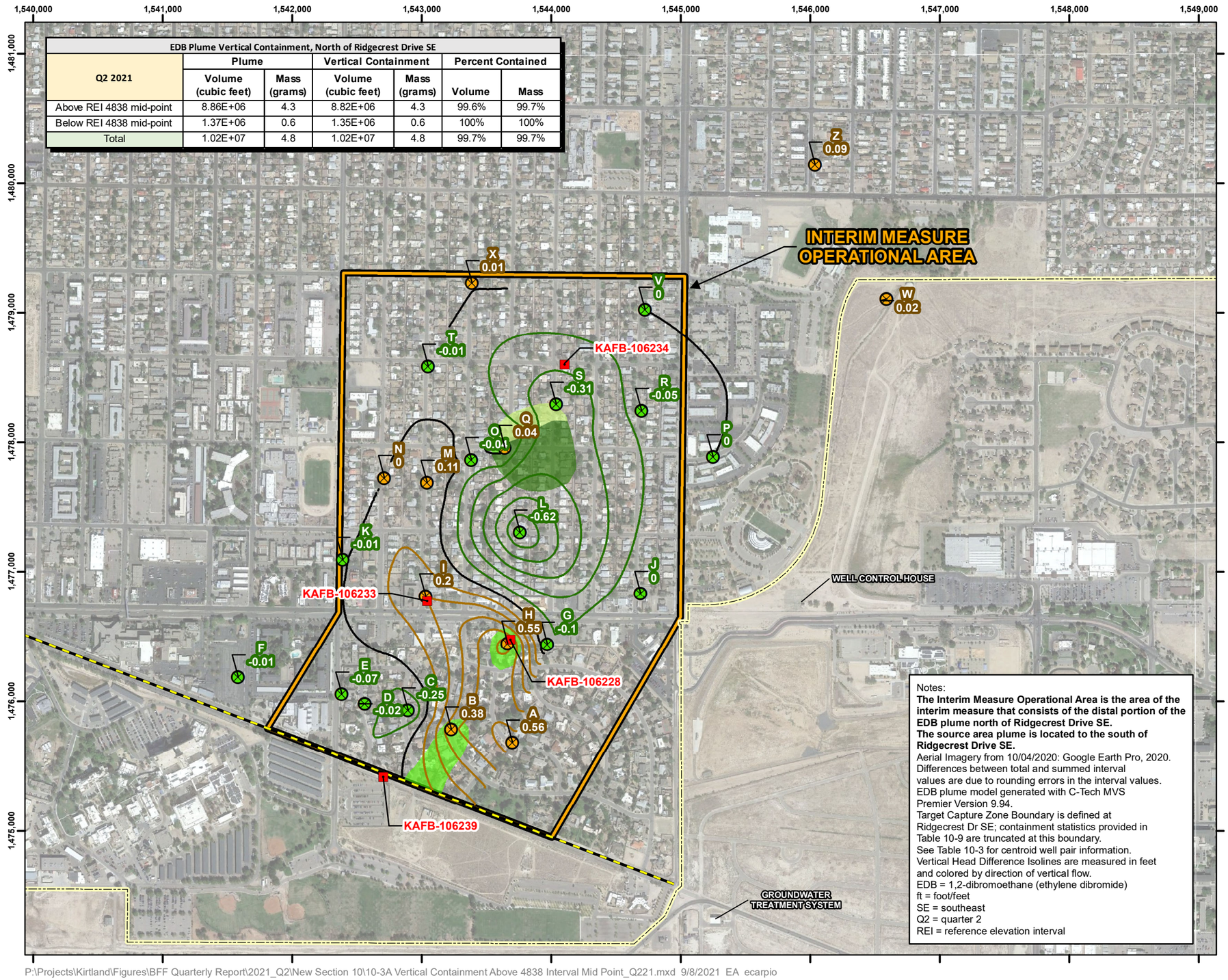
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FIGURE 10-2

T1A PLUME CROSS SECTION COMPARISON,
Q4 2020 - Q2 2021

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EDB Plume Vertical Containment, North of Ridgecrest Drive SE						
Q2 2021	Plume		Vertical Containment		Percent Contained	
	Volume (cubic feet)	Mass (grams)	Volume (cubic feet)	Mass (grams)	Volume	Mass
Above REI 4838 mid-point	8.86E+06	4.3	8.82E+06	4.3	99.6%	99.7%
Below REI 4838 mid-point	1.37E+06	0.6	1.35E+06	0.6	100%	100%
Total	1.02E+07	4.8	1.02E+07	4.8	99.7%	99.7%



Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Differences between total and summed interval values are due to rounding errors in the interval values.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
Target Capture Zone Boundary is defined at Ridgecrest Dr SE; containment statistics provided in Table 10-9 are truncated at this boundary.
See Table 10-3 for centroid well pair information.
Vertical Head Difference Isolines are measured in feet and colored by direction of vertical flow.
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
SE = southeast
Q2 = quarter 2
REI = reference elevation interval

Legend

- Extraction Well

Centroid of Nested Monitoring Well Pair

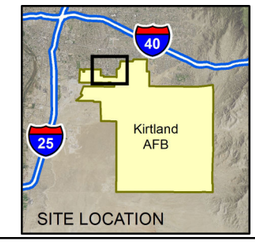
- Well Pair Centroid Defining Upward Vertical Flow
- Well Pair Centroid Defining Downward Vertical Flow
- Well Pair Centroid Defining No Vertical Flow
- Target Capture Zone Boundary
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area

Vertical Head Difference Isolines (ft)

- Upward Vertical Flow
- Downward Vertical Flow
- No Flow

Plume Area Vertical Containment Analysis

- Contained Above and Below Mid-point
- Contained Below Mid-point
- Contained Above Mid-point
- Not Contained
- Undefined



N

0 400 800 1,600

Feet

1 inch = 800 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

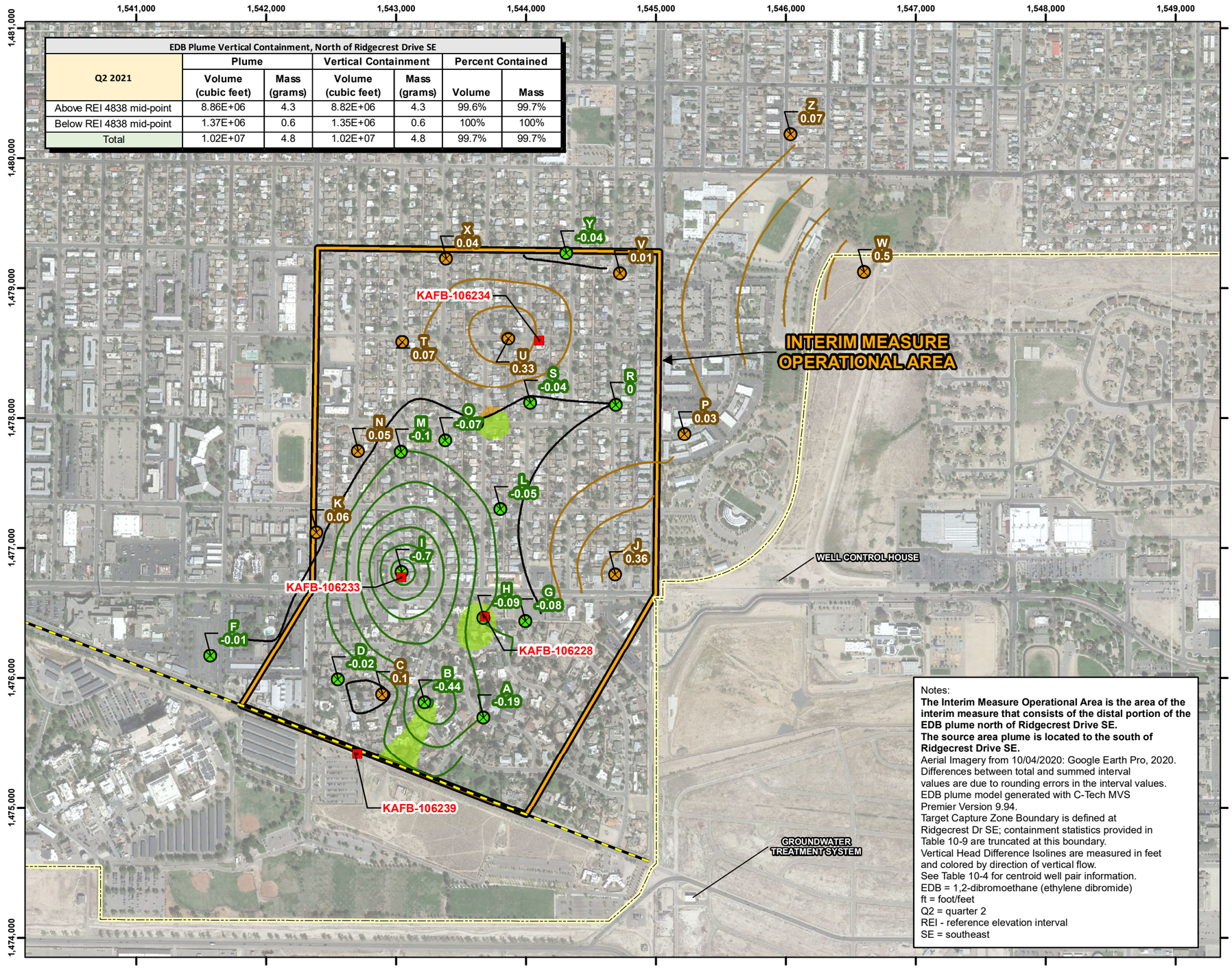
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FIGURE 10-3

VERTICAL CONTAINMENT ABOVE REFERENCE ELEVATION INTERVAL 4838 MID-POINT, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-3A Vertical Containment Above 4838 Interval Mid Point_Q221.mxd 9/8/2021 EA ecarpio

EDB Plume Vertical Containment, North of Ridgecrest Drive SE						
Q2 2021	Plume		Vertical Containment		Percent Contained	
	Volume (cubic feet)	Mass (grams)	Volume (cubic feet)	Mass (grams)	Volume	Mass
Above REI 4838 mid-point	8.86E+06	4.3	8.82E+06	4.3	99.6%	99.7%
Below REI 4838 mid-point	1.37E+06	0.6	1.35E+06	0.6	100%	100%
Total	1.02E+07	4.8	1.02E+07	4.8	99.7%	99.7%



Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Differences between total and summed interval values are due to rounding errors in the interval values.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
Target Capture Zone Boundary is defined at Ridgecrest Dr SE; containment statistics provided in Table 10-9 are truncated at this boundary.
Vertical Head Difference Isolines are measured in feet and colored by direction of vertical flow.
See Table 10-4 for centroid well pair information.
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
Q2 = quarter 2
REI - reference elevation interval
SE = southeast

Legend

- Extraction Well

Centroid of Nested Monitoring Well Pair

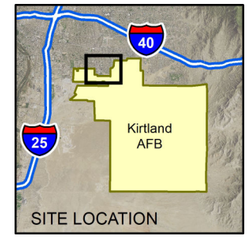
- Well Pair Centroid Defining Upward Vertical Flow
- Well Pair Centroid Defining Downward Vertical Flow
- Well Pair Centroid Defining No Vertical Flow
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area
- Target Capture Zone Boundary

Vertical Head Difference Isolines (ft)

- Upward Vertical Flow
- Downward Vertical Flow
- No Flow

Plume Area Vertical Containment Analysis

- Contained Below Mid-point
- Not Contained
- Undefined



N

0 500 1,000 2,000

Feet

1 inch = 800 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

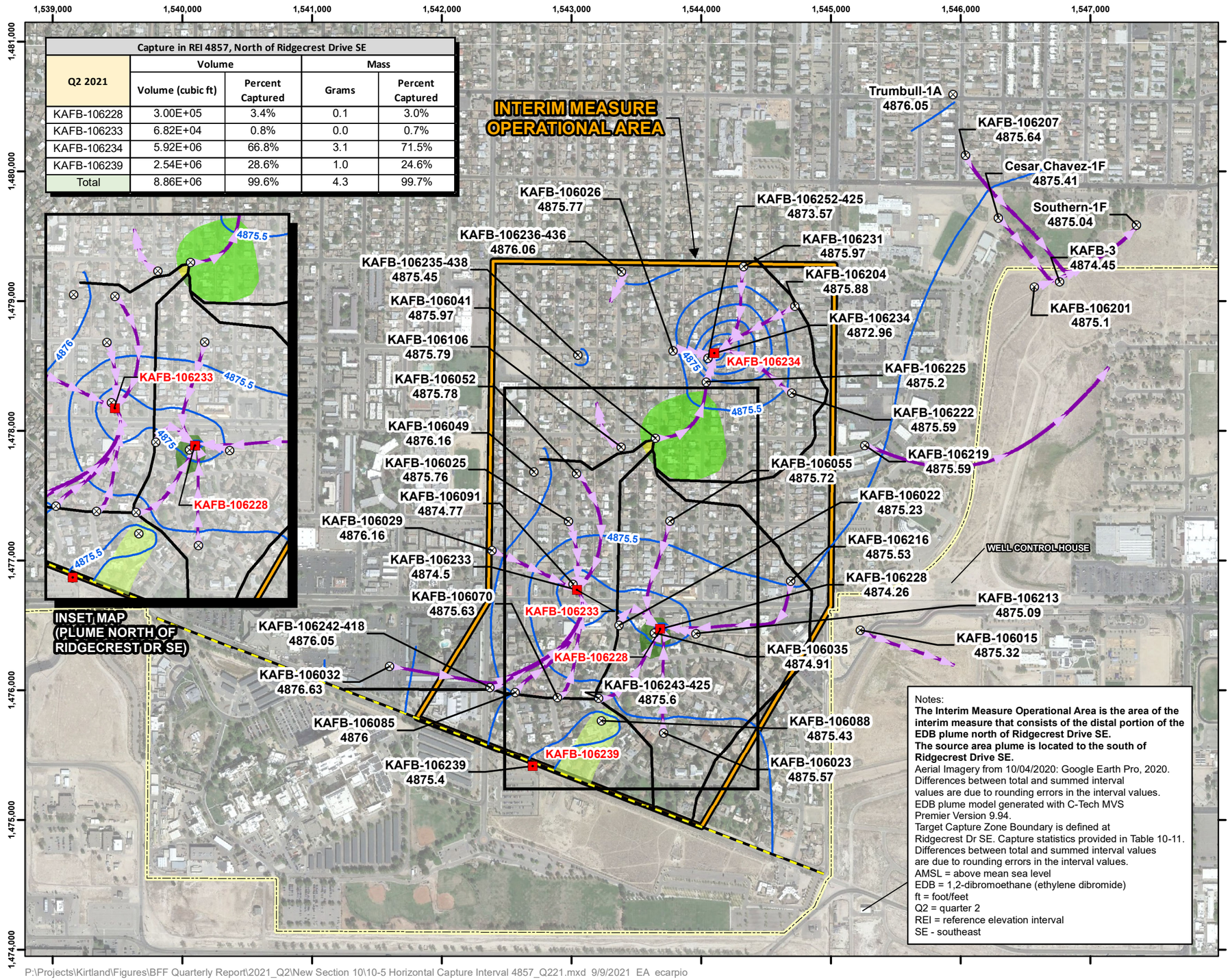
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FIGURE 10-4

VERTICAL CONTAINMENT BELOW REFERENCE ELEVATION INTERVAL 4838 MID-POINT, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-4A Vertical Containment Below 4838 Interval Mid Point_Q221.mxd 9/8/2021 EA ecarpio

Capture in REI 4857, North of Ridgecrest Drive SE				
Q2 2021	Volume		Mass	
	Volume (cubic ft)	Percent Captured	Grams	Percent Captured
KAFB-106228	3.00E+05	3.4%	0.1	3.0%
KAFB-106233	6.82E+04	0.8%	0.0	0.7%
KAFB-106234	5.92E+06	66.8%	3.1	71.5%
KAFB-106239	2.54E+06	28.6%	1.0	24.6%
Total	8.86E+06	99.6%	4.3	99.7%



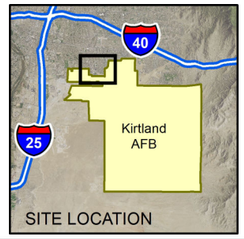
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Differences between total and summed interval values are due to rounding errors in the interval values.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
Target Capture Zone Boundary is defined at Ridgecrest Dr SE. Capture statistics provided in Table 10-11.
Differences between total and summed interval values are due to rounding errors in the interval values.
AMSL = above mean sea level
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
Q2 = quarter 2
REI = reference elevation interval
SE - southeast

Legend

- Extraction Well
- Groundwater Monitoring Well
- Groundwater Level Contour (0.5 ft interval)
- Hydraulic Divide
- 4875.04 Groundwater Elevation (ft AMSL)
- Potentiometric Surface Streamlines
- Source Area
- Installation Fence Boundary
- Interim Measure Operational Area
- Target Capture Zone Boundary

Plume Area Horizontal Capture Analysis

- Captured by KAFB-106228
- Captured by KAFB-106233
- Captured by KAFB-106234
- Captured by KAFB-106239
- Plume Not Captured



N

0 400 800 1,600

Feet

1 inch = 800 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

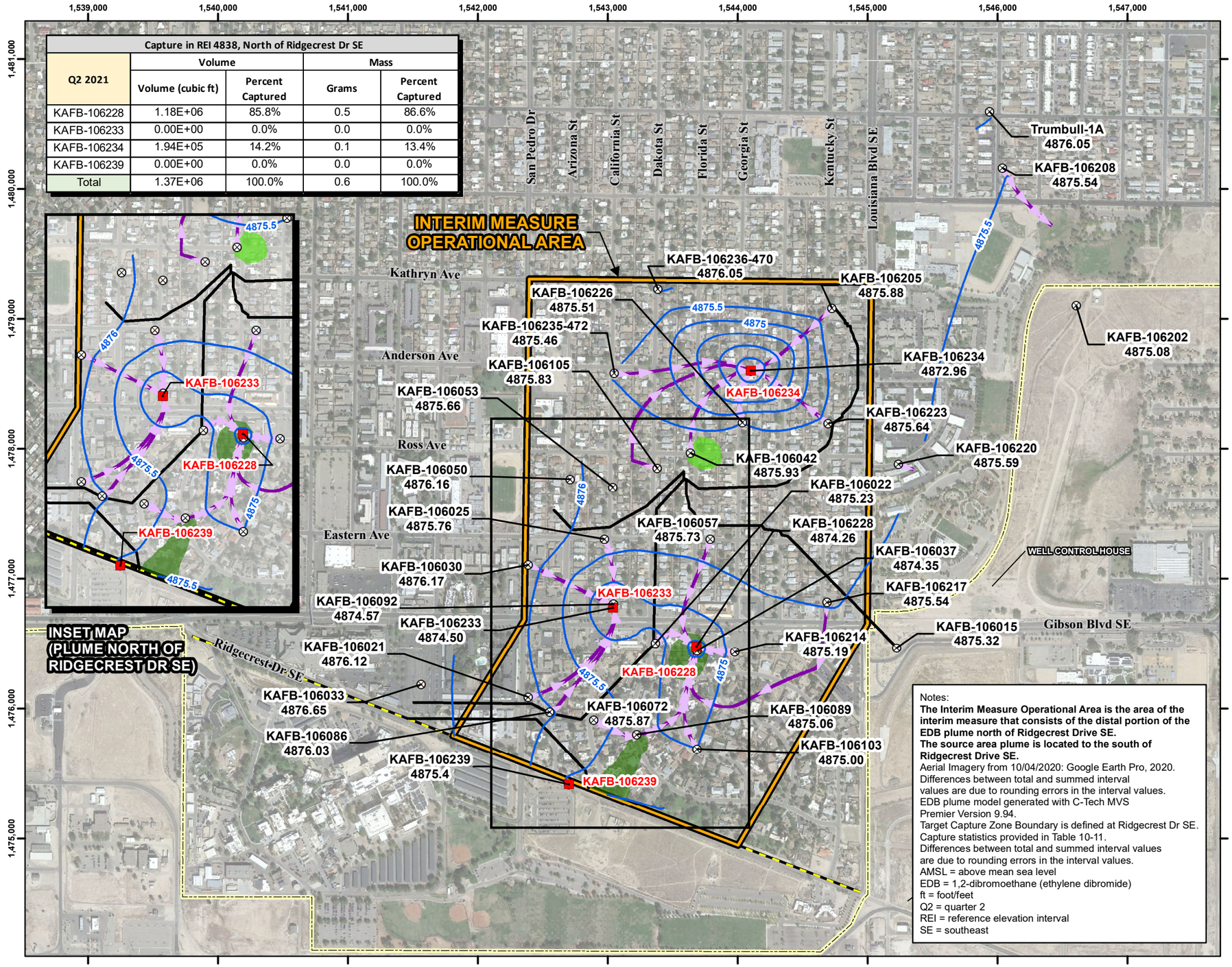
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KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 10-5

HORIZONTAL CAPTURE OF EDB IN REFERENCE ELEVATION INTERVAL 4857, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-5 Horizontal Capture Interval 4857_Q221.mxd 9/9/2021 EA ecarpio

Capture in REI 4838, North of Ridgecrest Dr SE				
Q2 2021	Volume		Mass	
	Volume (cubic ft)	Percent Captured	Grams	Percent Captured
KAFB-106228	1.18E+06	85.8%	0.5	86.6%
KAFB-106233	0.00E+00	0.0%	0.0	0.0%
KAFB-106234	1.94E+05	14.2%	0.1	13.4%
KAFB-106239	0.00E+00	0.0%	0.0	0.0%
Total	1.37E+06	100.0%	0.6	100.0%



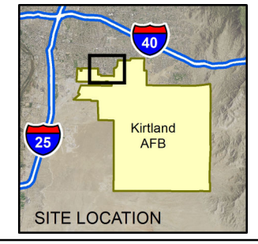
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
Differences between total and summed interval values are due to rounding errors in the interval values.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
Target Capture Zone Boundary is defined at Ridgecrest Dr SE.
Capture statistics provided in Table 10-11.
Differences between total and summed interval values are due to rounding errors in the interval values.
AMSL = above mean sea level
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
Q2 = quarter 2
REI = reference elevation interval
SE = southeast

Legend

- Extraction Well
- Groundwater Monitoring Well
- Groundwater Level Contour (0.5 ft interval)
- 4875.08 Groundwater Elevation (ft AMSL)
- Hydraulic Divide
- Potentiometric Surface Streamlines
- Source Area
- Installation Fence Boundary
- Interim Measure Operational Area
- Target Capture Zone Boundary

Plume Area Horizontal Capture Analysis

- Captured by KAFB-106228
- Captured by KAFB-106234
- Captured by KAFB-106239
- Plume Not Captured



N

0 400 800 1,600
Feet
1 inch = 800 feet

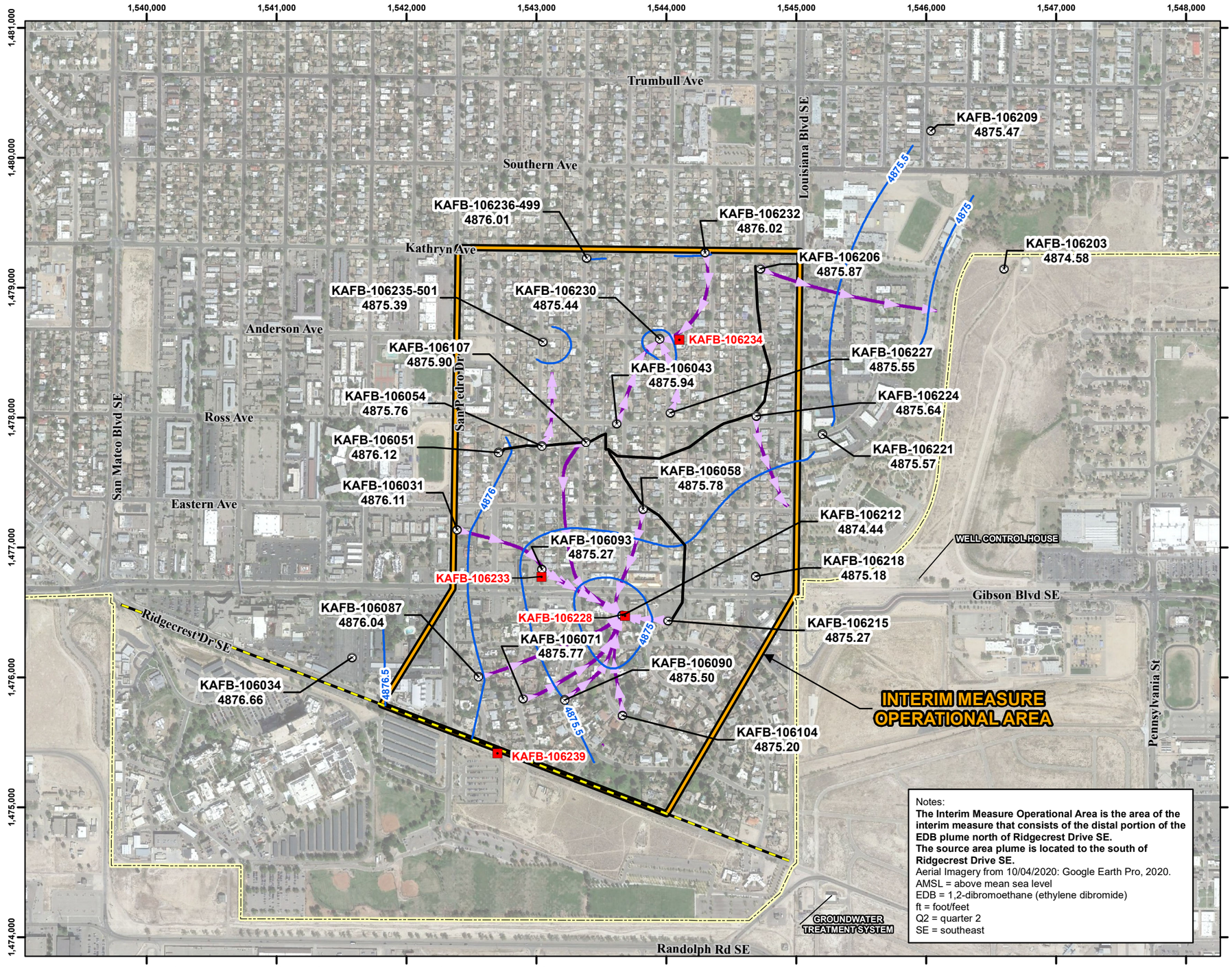
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 10-6

HORIZONTAL CAPTURE OF EDB IN REFERENCE ELEVATION INTERVAL 4838, Q2 2021

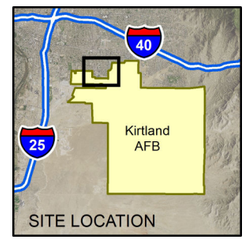
P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-6 Horizontal Capture Interval 4838_Q221.mxd 9/9/2021 EA ecarpio



Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
AMSL = above mean sea level
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
Q2 = quarter 2
SE = southeast

Legend

- Extraction Well
- Groundwater Monitoring Well
- Groundwater Level Contour (0.5 ft interval)
- 4874.58 Groundwater Elevation (ft AMSL)
- Hydraulic Divide
- Potentiometric Surface Streamlines
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area
- Target Capture Zone Boundary



N

0 400 800 1,600

Feet

1 inch = 800 feet

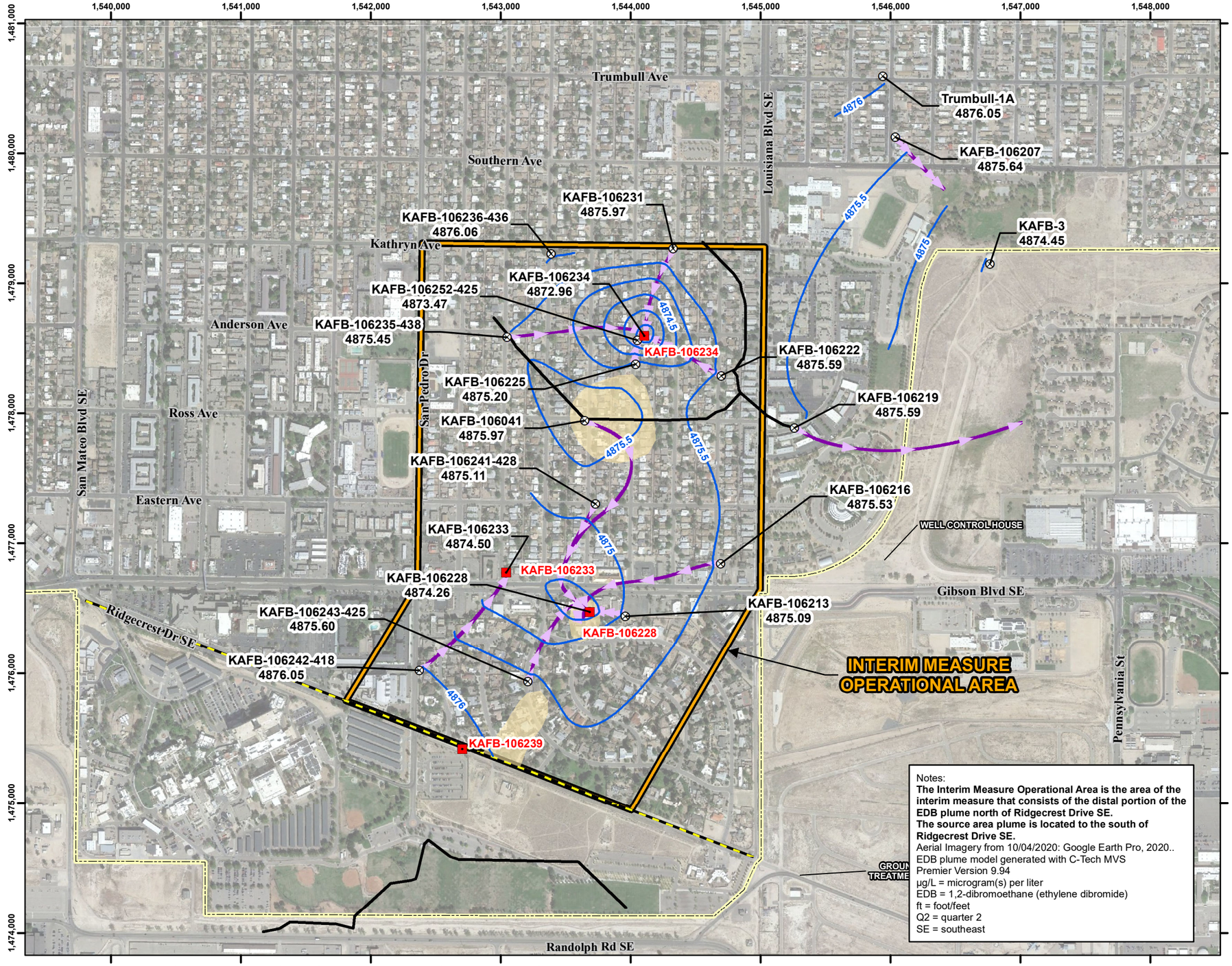
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

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FIGURE 10-7

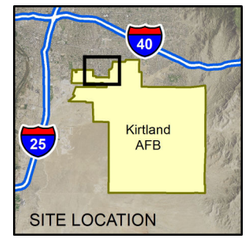
HORIZONTAL CAPTURE OF EDB IN REFERENCE ELEVATION INTERVAL 4814, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-7 Horizontal Capture Interval 4814_Q221.mxd 9/9/2021 EA ecarpio



Legend

- Groundwater Monitoring Well
- Extraction Well
- Groundwater Level Contour (0.5 ft interval)
- 4874.64 Groundwater Elevation (ft AMSL)
- Hydraulic Divide
- Potentiometric Surface Streamlines
- Interim Measure Operational Area
- Installation Fence Boundary
- Source Area
- Target Capture Zone Boundary
- EDB Plume Q2 2021 (> 0.05 µg/L) (Simulated)



N

0 400 800 1,600

Feet

1 inch = 800 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

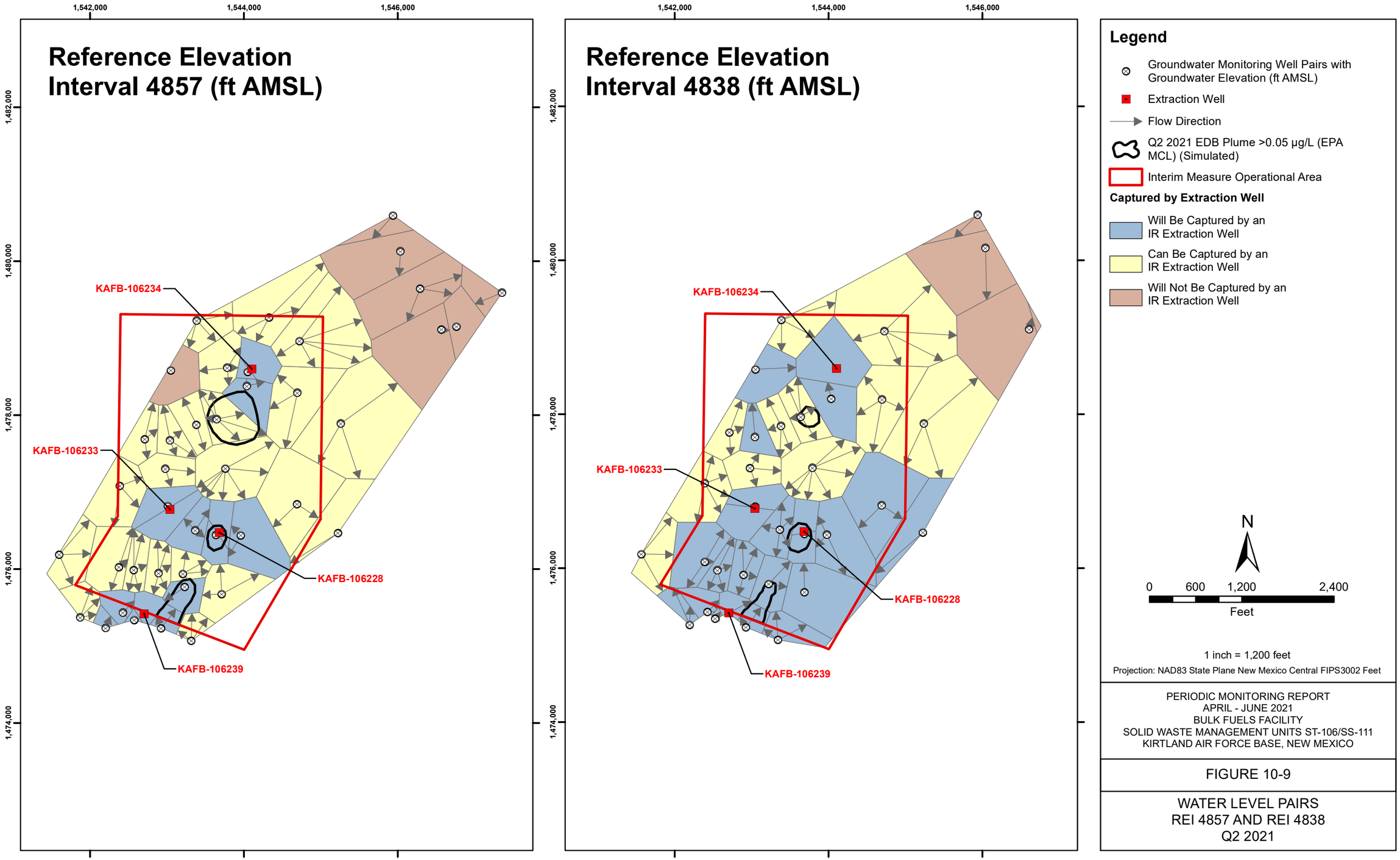
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive SE.
The source area plume is located to the south of Ridgecrest Drive SE.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020..
EDB plume model generated with C-Tech MVS Premier Version 9.94
µg/L = microgram(s) per liter
EDB = 1,2-dibromoethane (ethylene dibromide)
ft = foot/feet
Q2 = quarter 2
SE = southeast

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FIGURE 10-8

HORIZONTAL CAPTURE AT THE WATER TABLE, Q2 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-8 Horizontal Capture Water Table_Q221.mxd 9/9/2021 EA ecarpio

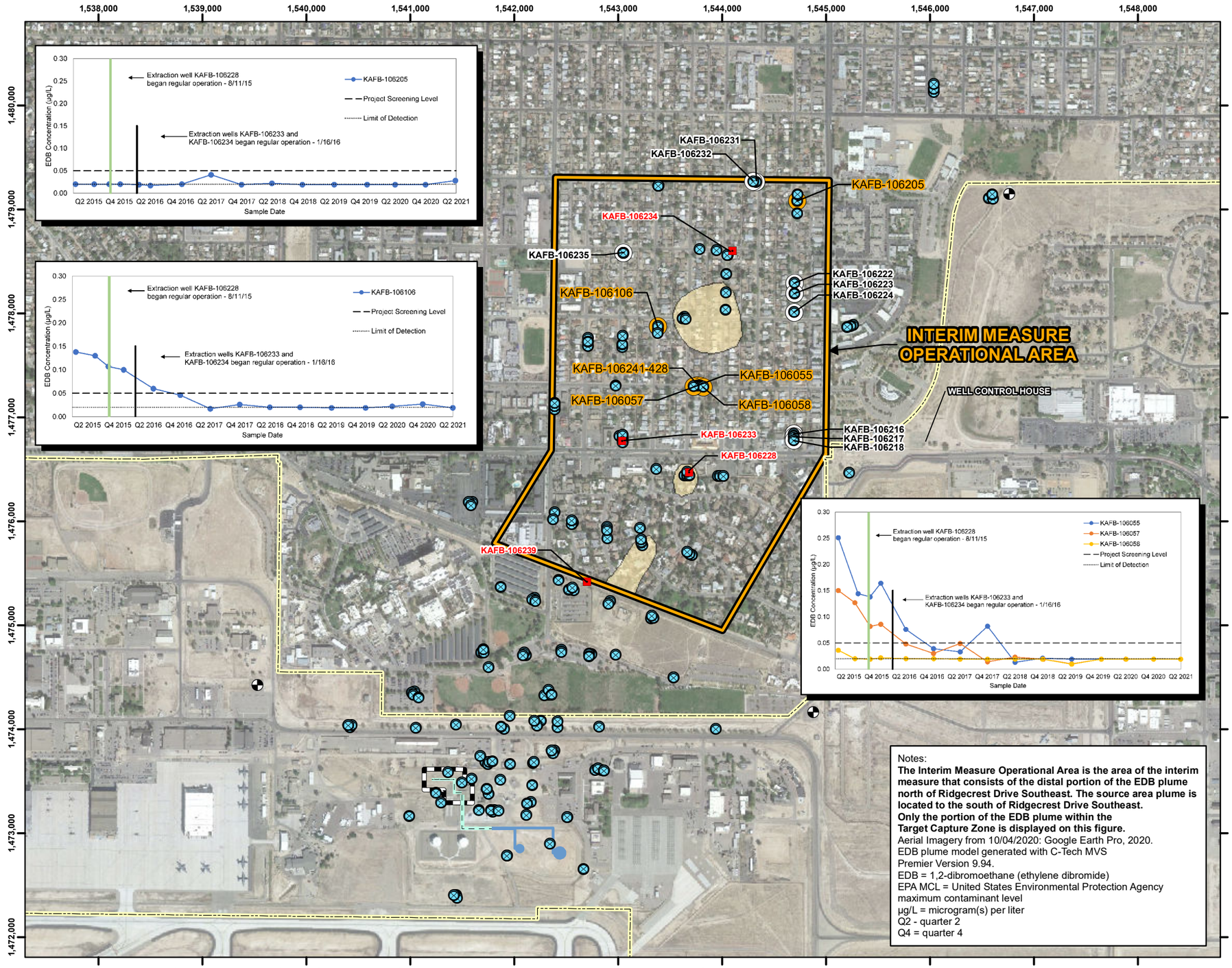


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FIGURE 10-9

WATER LEVEL PAIRS
REI 4857 AND REI 4838
Q2 2021

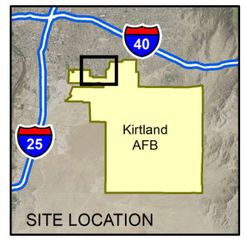
P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-9 Interval 4857 and Interval 4838 Water Level Pairs_Q221.mxd 9/9/2021 EA ecarpio



Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive Southeast. The source area plume is located to the south of Ridgecrest Drive Southeast.
Only the portion of the EDB plume within the Target Capture Zone is displayed on this figure.
Aerial Imagery from 10/04/2020: Google Earth Pro, 2020.
EDB plume model generated with C-Tech MVS Premier Version 9.94.
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA MCL = United States Environmental Protection Agency maximum contaminant level
µg/L = microgram(s) per liter
Q2 - quarter 2
Q4 = quarter 4

Legend

- Performance Monitoring Well (Performance Assessment)
- Sentinel Well (Performance Assessment)
- Groudnwater Monitoring Well
- Extraction Well
- Drinking Water Supply Well
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary
- Q2 2021 EDB Plume within the Interim Measure Operational Area with Concentration > 0.05 µg/L (EPA MCL) (Simulated)
- Interim Measure Operational Area
- Source Area



N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

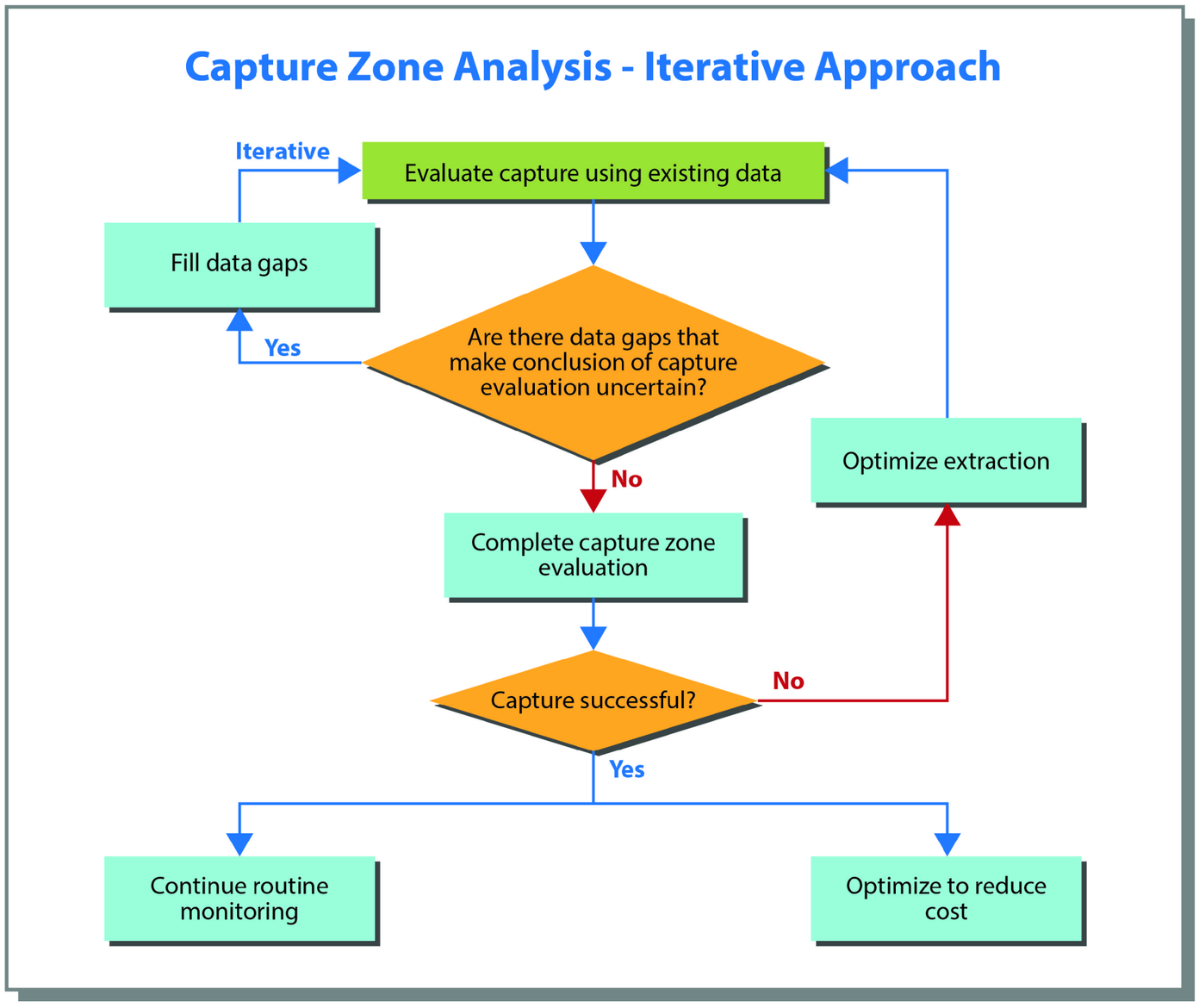
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FIGURE 10-10

CONCENTRATION TRENDS IN PERFORMANCE MONITORING WELLS, 2015 - 2021

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-10 Concentration Trends in Performance Monitoring Wells, 2015-2020_Q221.mxd 7/28/2021 EA ecarpio

Exhibit 7



Notes:
Exhibit 7 reproduced from
A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems: Final Project Report.
U.S. Environmental Protection Agency (EPA) 600/R-08/003. January. pp. 166.

EPA = U.S. Environmental Protection Agency

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FIGURE10-11

EPA CAPTURE ZONE ANALYSIS - ITERATIVE APPROACH (EXHIBIT 7)

P:\Projects\Kirtland\Figures\BFF Quarterly Report\2021_Q2\New Section 10\10-11 EPA Capture Zone Analysis - Iterative Approach (Exhibit 7)_Q221.mxd 8/11/2021 EA ecarpio

TABLES

Table 2-1
DP-1839 Discharge Permit Terms and Conditions, Operations and Maintenance Plan Cross References

Condition No.	Terms and Conditions	Reference Location in Periodic Monitoring Report
15[a]	The Permittee shall ensure the treated effluent conveyance system, i.e., piping, between the GWTS and the UIC well(s) does not leak and shall report any such leakage to the NMED GWQB in accordance with 20.6.2.1203(A) NMAC and copy the NMED HWB.	Not applicable in Q2 2021
	Within 1 year of the effective date of this Discharge Permit, the Permittee shall demonstrate the structural integrity of the treated effluent conveyance system between the GWTS and KAFB-7.	Not applicable in Q2 2021
	Prior to testing, the Permittee shall propose for NMED approval the test method to be used.	Not applicable in Q2 2021
	The results of the mechanical integrity testing shall be submitted to NMED within 60 days of test completion.	Not applicable in Q2 2021
	The Permittee shall integrity test the treated effluent conveyance system between GWTS and the UIC well(s) prior to submitting a permit renewal application. [20.6.2.3106(C) NMAC, 20.6.2.3107(A) NMAC]	Not applicable in Q2 2021
17	The Permittee shall conduct the monitoring, operations, and reporting listed below.	Section 7.1 Groundwater Treatment System Operation
	Unless otherwise specified, all periodic monitoring results or general information obtained shall be reported in the forthcoming quarterly report. [20.6.2.3107 NMAC]	Section 7.1 Groundwater Treatment System Operation
18	Unless otherwise approved by NMED, the Permittee shall conduct sampling in accordance with standard industry practice.	Section 7.2 Groundwater Treatment System Performance Monitoring
	Sampling in accordance with the most current version of the GWTS Sampling and Analysis Plan (Appendix L of the O&M Plan), which includes sampling locations, procedures, field measurements, quality control samples, handling and custody, analytical methods, quality control, analytical validation, and reporting requirements, satisfies this Condition. [20.6.2.3107(B) NMAC]	Section 7.2 Groundwater Treatment System Performance Monitoring and 1,2-Dibromoethane Removal
19	The Permittee shall submit quarterly and annual reports to NMED pursuant to the most recent NMED HWB approved Work Plans.	Section 7.2 Groundwater Treatment System Performance Monitoring and 1,2-Dibromoethane Removal
	The Permittee shall identify the portions of these reports pertaining to this Discharge Permit with a table in the reports that identifies those portions.	Table 2-1 DP-1839 Discharge Permit Terms and Conditions, Operations and Maintenance Plan Cross References
	Quarterly reports shall be submitted as specified below unless otherwise authorized by NMED: • January 1st through March 31st - due by June 30th • April 1st through June 30th - due by September 30th • July 1st through September 30th - due by December 31st • October 1st through December 31st - due by March 31st	Noted
	Annual reporting requirements for the previous year, i.e., January 1 through December 31, shall be reported in the March 31 quarterly report. [20.6.2.3107(A) NMAC]	Noted
20	The Permittee shall monitor the concentration of all COCs listed on Table 2 in GWTS treated effluent. Associated sampling and analysis shall be performed monthly at a minimum.	Section 7.2 Groundwater Treatment System Performance Monitoring and 1,2-Dibromoethane Removal Table 7-5 Monthly GWTS Performance Analytical Results for Train 1, Q2 2021 Table 7-6 Monthly GWTS Performance Analytical Results for Train 2, Q2 2021
	When groundwater from a new extraction well is first introduced to the GWTS, COC monitoring of the GWTS treated effluent shall occur daily for the first week of treatment, weekly for the first month of treatment, and monthly thereafter.	Not applicable in Q2 2021
	If alterations to, or conditions at, the GWTS result in a potential impact to effluent quality, the Permittee will repeat this sampling sequence as directed by NMED.	No effluent quality impacts Q2 2021
20	A representative sample of GWTS influent and effluent shall be analyzed annually for the constituents identified in Table 3.	Performed in Q3 2020; last reported in Q3 2020; Not applicable to Q2 2021.
	A representative sample of GWTS influent and effluent shall be analyzed every 5 years for the constituents identified in Table 4	Performed in Q3 2017; last reported in Q3 2017; Not applicable to Q2 2021
	The first analysis of the 7-year constituent list shall occur in July 2017. Any newly identified constituents detected during the 7-year sampling events will be added to the annual sampling constituent list in Table 3.	Performed in Q3 2017; last reported in Q3 2017; Not applicable to Q2 2021
	All analysis of GWTS influent and effluent shall utilize analytical methods with detection limits that are sufficiently low to allow comparison to the standards included in the above referenced state and federal regulations.	Section 3.5.4 Interim Measure Table 7-5 Monthly GWTS Performance Analytical Results for Train 1, Q2 2021 Table 7-6 Monthly GWTS Performance Analytical Results for Train 2, Q2 2021
	All sampling, analysis, and reporting shall comply with the most recent approved Work Plans. [20.6.2.3107(A) NMAC and 20.6.2.3107(B) NMAC]	Section 3.4 Interim Measure

Table 2-1
DP-1839 Discharge Permit Terms and Conditions, Operations and Maintenance Plan Cross References

Condition No.	Terms and Conditions	Reference Location in Periodic Monitoring Report
21	The Permittee shall report the volume of treated GWTS effluent discharged to each UIC well each quarter. This report shall include the following:	See Below
	a. Monthly average, maximum, and minimum values for flow rate and volume of treated effluent transferred to each UIC well	Table 7-3 Groundwater Treatment System Injection Well Performance, Q2 2021
	b. The totalized monthly volume of treated effluent transferred to all UIC wells	Table 7-2 Quantities of Groundwater Treated and Discharged, Q2 2021
	c. Monthly average, maximum, and minimum head values of injection water for each UIC well.	Table 7-3 Groundwater Treatment System Injection Well Performance, Q2 2021
	The Permittee shall monitor the GWTS effluent volume utilizing an effluent flow meter installed on the effluent pump skid after the GAC units. Each UIC well shall have a dedicated flowmeter. Flowmeters shall be inspected and calibrated in accordance with the associated manufacturer's recommendations. [20.6.2.3107 NMAC]	Table 7-3 Groundwater Treatment System Injection Well Performance, Q2 2021 Table 7-8 GWTS Routine Maintenance (Monthly Flowmeter Inspection and Annual Calibration Verification)
22	The Permittee shall include the following results and general information in quarterly reports to NMED:	See Below
	a. Any mechanical integrity (tests) conducted on either the GWTS or a UIC well	Section 7.4.3 Non-Routine Maintenance Table 7-9 GWTS Non-Routine Maintenance Items, Q2 2021
	b. Any replacement of GAC media and the associated data that initiated the decision to replace the media	Section 7.4.3 Non-Routine Maintenance Table 7-9 GWTS Non-Routine Maintenance Items, Q2 2021
	c. Any UIC well rehabilitation conducted	Section 7.4.3 Non-Routine Maintenance Table 7-9 GWTS Non-Routine Maintenance Items, Q2 2021
	d. Any malfunction, repair, or replacement of a flowmeter	Section 7.4.3 Non-Routine Maintenance Table 7-9 GWTS Non-Routine Maintenance Items, Q2 2021
	e. Any additional operational changes with the potential to affect the discharge. [20.6.2.3107 NMAC]	Section 7.4.3 Non-Routine Maintenance Table 7-9 GWTS Non-Routine Maintenance Items, Q2 2021
23	The Permittee shall monitor the groundwater wells in the vicinity of KAFB-7 and in the vicinity of any newly installed UIC well(s) to determine any change to aquifer chemistry that may be the result of injection.	Not applicable in Q2 2021
	This monitoring shall be performed annually, shall conform to the procedures of the most current approved Work Plan, and shall measure the COCs listed in Table 2. This chemistry will be reported in the Annual Report for BFF.	Provided in the Q4 2020 Report; Section 6.2.1.1
	ST-105 Annual Report includes elevation contour mapping and analytical parameters identified in the Stage 2 Abatement Plan.	Reported annually in the ST-105 Annual Report
	The Permittee shall develop a groundwater elevation contour map depicting the groundwater flow direction in the vicinity of each UIC well and report it in the ST-105 Annual Report.	Reported annually in the ST-105 Annual Report Also reported in Q4 of each year, last reported in Q4 2020
	If the chemical quality of the treated groundwater being injected changes over time, NMED may require the Permittee to repeat geochemical modeling (numeric or analytical) to predict the interaction between the treated effluent and receiving groundwater. [20.6.2.3107 NMAC]	Not applicable in Q2 2021
24	The Permittee shall post all reports required by this Discharge Permit on Kirtland AFB's most current website (e.g., https://kirtlandafb.tlisolutions.com/main.aspx.) [20.6.2.3107(A) NMAC]	http://afcec.publicadmin-record.us.af.mil/search.aspx
34	In the event the Permittee proposes a change to the facility or the facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated, or discharged by the facility that differs from the terms and conditions in this Discharge Permit, the Permittee shall notify NMED prior to implementing such changes.	Noted
	The Permittee shall obtain approval (which may require modification of this Discharge Permit) by NMED prior to implementing such changes. [20.6.2.7(P) NMAC, 20.6.2.3107(C) NMAC, 20.6.2.3109(E) and (G) NMAC]	Noted

Table 2-1
DP-1839 Discharge Permit Terms and Conditions, Operations and Maintenance Plan Cross References

Condition No.	Terms and Conditions	Reference Location in Periodic Monitoring Report
35	In the event the Permittee proposes to construct or change an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications to NMED for the proposed system or process unit prior to the commencement of construction.	Noted
	In the event the Permittee implements changes to an existing system authorized by this Discharge Permit which will result in only a minor effect on the quality of the discharge, the Permittee shall report such changes (including the submission of record drawings, where applicable) in the next quarterly report to NMED. [20.6.2.1202(A) and (C) NMAC, New Mexico Statutes Annotated 1978, §§ 61-23-1 through 61-23-32]	Not applicable in Q2 2021

[a] Conditions 1 through 14 do not apply to quarterly reporting.
AFB = Air Force Base
BFF = Bulk Fuels Facility
COC = contaminant of concern
GAC = granular activated carbon
GWTS = groundwater treatment system
GWQB = Groundwater Quality Bureau
HWB = Hazardous Waste Bureau
NMAC = New Mexico Administrative Code
NMED = New Mexico Environment Department
No. = number
O&M = operation and maintenance
Q1 = first quarter
Q2 = second quarter
Q3 = third quarter
Q4 = fourth quarter
UIC = underground injection control

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
Off Base	KAFB-106028	KAFB-106028-150	148.75	151.25	1/2	0.00136	0.409	0.615
		KAFB-106028-250	248.75	251.25	1/2	0.00136	0.409	0.752
		KAFB-106028-350	348.75	351.25	1/2	0.00136	0.409	0.888
		KAFB-106028-450	448.75	451.25	1/2	0.00136	0.409	1.024
	KAFB-106136	KAFB-106136-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106136-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106136-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106136-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106136-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106136-450	440	450	3	0.04909	1.636	23.725
	KAFB-106138	KAFB-106138-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106138-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106138-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106138-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106138-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106138-450	440	450	3	0.04909	1.636	23.725
	KAFB-106141	KAFB-106141-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106141-050	50	60	3/4	0.00307	1.636	1.820
		KAFB-106141-170	160	170	3/4	0.00307	1.636	2.158
		KAFB-106141-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106141-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106141-450	440	450	3	0.04909	1.636	23.725
	KAFB-106142	KAFB-106142-030	20	30	3/4	0.00307	1.636	1.728
		KAFB-106142-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106142-170	160	170	3/4	0.00307	1.636	2.158
		KAFB-106142-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106142-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106142-450	440	450	3	0.04909	1.636	23.725

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106108	KAFB-106108-025	15.3	25.3	3/4	0.00307	1.636	1.714
		KAFB-106108-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106108-150	140.2	150.2	3/4	0.00307	1.636	2.097
		KAFB-106108-250	240.3	250.3	3/4	0.00307	1.636	2.404
		KAFB-106108-350	340.3	350.3	3/4	0.00307	1.636	2.711
		KAFB-106108-450	440	450	3	0.04909	1.636	23.725
	KAFB-106109	KAFB-106109-025	15.2	25.2	3/4	0.00307	1.636	1.713
		KAFB-106109-050	40.1	50.1	3/4	0.00307	1.636	1.790
		KAFB-106109-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106109-250	240.2	250.2	3/4	0.00307	1.636	2.404
		KAFB-106109-350	340.6	350.6	3/4	0.00307	1.636	2.712
		KAFB-106109-450	440	450	3	0.04909	1.636	23.725
	KAFB-106110	KAFB-106110-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106110-050	40.1	50.1	3/4	0.00307	1.636	1.790
		KAFB-106110-150	140.3	150.3	3/4	0.00307	1.636	2.097
		KAFB-106110-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106110-350	340.2	350.2	3/4	0.00307	1.636	2.710
		KAFB-106110-450	440	450	3	0.04909	1.636	23.725
	KAFB-106111	KAFB-106111-025	15.2	25.2	3/4	0.00307	1.636	1.713
		KAFB-106111-050	40.1	50.1	3/4	0.00307	1.636	1.790
		KAFB-106111-150	140.3	150.3	3/4	0.00307	1.636	2.097
		KAFB-106111-250	240.3	250.3	3/4	0.00307	1.636	2.404
		KAFB-106111-350	340.4	350.4	3/4	0.00307	1.636	2.711
		KAFB-106111-450	440.3	450.3	3	0.04909	1.636	23.740
	KAFB-106112	KAFB-106112-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106112-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106112-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106112-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106112-350	339	349	3/4	0.00307	1.636	2.707
		KAFB-106112-450	439	449	3	0.04909	1.636	23.676

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106113	KAFB-106113-020	10	20	3/4	0.00307	1.636	1.697
		KAFB-106113-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106113-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106113-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106113-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106113-450	440	450	3	0.04909	1.636	23.725
	KAFB-106114	KAFB-106114-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106114-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106114-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106114-250	235	245	3/4	0.00307	1.636	2.388
		KAFB-106114-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106114-450	439.6	449.6	3	0.04909	1.636	23.706
	KAFB-106115	KAFB-106115-025	14.6	24.6	3/4	0.00307	1.636	1.711
		KAFB-106115-050	39.6	49.6	3/4	0.00307	1.636	1.788
		KAFB-106115-150	144.6	154.6	3/4	0.00307	1.636	2.110
		KAFB-106115-250	239.6	249.6	3/4	0.00307	1.636	2.402
		KAFB-106115-350	339.6	349.6	3/4	0.00307	1.636	2.709
		KAFB-106115-450	439.6	449.6	3	0.04909	1.636	23.706
	KAFB-106116	KAFB-106116-025	10	19.45	3/4	0.00307	1.54602	1.606
		KAFB-106116-050	40	49.45	3/4	0.00307	1.54602	1.698
		KAFB-106116-150	140	149.45	3/4	0.00307	1.54602	2.005
		KAFB-106116-250	240	249.45	3/4	0.00307	1.54602	2.311
		KAFB-106116-350	340	349.45	3/4	0.00307	1.54602	2.618
		KAFB-106116-450	440	448.95	3	0.04909	1.46422	23.502
	KAFB-106117	KAFB-106117-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106117-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106117-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106117-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106117-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106117-450	440	450	3	0.04909	1.636	23.725

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106118	KAFB-106118-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106118-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106118-160	150	160	3/4	0.00307	1.636	2.127
		KAFB-106118-265	255	265	3/4	0.00307	1.636	2.449
		KAFB-106118-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106118-450	440	450	3	0.04909	1.636	23.725
	KAFB-106119	KAFB-106119-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106119-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106119-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106119-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106119-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106119-450	440	450	3	0.04909	1.636	23.725
	KAFB-106120	KAFB-106120-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106120-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106120-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106120-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106120-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106120-450	434	444	3	0.04909	1.636	23.431
	KAFB-106121	KAFB-106121-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106121-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106121-145	135	145	3/4	0.00307	1.636	2.081
		KAFB-106121-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106121-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106121-450	434	444	3	0.04909	1.636	23.431
	KAFB-106122	KAFB-106122-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106122-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106122-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106122-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106122-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106122-450	434	444	3	0.04909	1.636	23.431

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106123	KAFB-106123-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106123-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106123-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106123-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106123-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106123-450	432	442	3	0.04909	1.636	23.333
	KAFB-106124	KAFB-106124-025	15.1	25	3/4	0.00307	1.61964	1.696
		KAFB-106124-050	40.1	50	3/4	0.00307	1.61964	1.773
		KAFB-106124-150	140.1	150	3/4	0.00307	1.61964	2.080
		KAFB-106124-250	240.1	250	3/4	0.00307	1.61964	2.387
		KAFB-106124-350	340.1	350	3/4	0.00307	1.61964	2.693
		KAFB-106124-450	440.1	450	3	0.04909	1.61964	23.709
	KAFB-106125	KAFB-106125-025	15.2	25	3/4	0.00307	1.60328	1.680
		KAFB-106125-050	40.2	50	3/4	0.00307	1.60328	1.757
		KAFB-106125-150	140.2	150	3/4	0.00307	1.60328	2.063
		KAFB-106125-250	240.2	250	3/4	0.00307	1.60328	2.370
		KAFB-106125-350	340.2	350	3/4	0.00307	1.60328	2.677
		KAFB-106125-450	440.2	450	3	0.04909	1.60328	23.693
	KAFB-106126	KAFB-106126-025	15.1	25	3/4	0.00307	1.61964	1.696
		KAFB-106126-050	40.1	50	3/4	0.00307	1.61964	1.773
		KAFB-106126-150	140.1	150	3/4	0.00307	1.61964	2.080
		KAFB-106126-250	240.1	250	3/4	0.00307	1.61964	2.387
		KAFB-106126-350	340.1	350	3/4	0.00307	1.61964	2.693
		KAFB-106126-450	440.2	450	3	0.04909	1.60328	23.693
	KAFB-106127	KAFB-106127-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106127-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106127-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106127-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106127-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106127-450	440	450	3	0.04909	1.636	23.725

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106128	KAFB-106128-025	15.04	25.04	3/4	0.00307	1.636	1.713
		KAFB-106128-050	40.07	50.07	3/4	0.00307	1.636	1.790
		KAFB-106128-150	140.19	150.19	3/4	0.00307	1.636	2.097
		KAFB-106128-250	240.29	250.29	3/4	0.00307	1.636	2.404
		KAFB-106128-350	340.39	350.39	3/4	0.00307	1.636	2.711
		KAFB-106128-450	440.06	450.06	3	0.04909	1.636	23.728
	KAFB-106129	KAFB-106129-025	15.1	25.1	3/4	0.00307	1.636	1.713
		KAFB-106129-050	39.7	49.7	3/4	0.00307	1.636	1.788
		KAFB-106129-150	140.2	150.2	3/4	0.00307	1.636	2.097
		KAFB-106129-250	240.1	250.1	3/4	0.00307	1.636	2.403
		KAFB-106129-350	337.4	347.4	3/4	0.00307	1.636	2.702
		KAFB-106129-450	440.7	450.7	3	0.04909	1.636	23.760
	KAFB-106130	KAFB-106130-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106130-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106130-150	150	160	3/4	0.00307	1.636	2.127
		KAFB-106130-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106130-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106130-450	440	450	3	0.04909	1.636	23.725
	KAFB-106131	KAFB-106131-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106131-055	45	55	3/4	0.00307	1.636	1.805
		KAFB-106131-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106131-245	235	245	3/4	0.00307	1.636	2.388
		KAFB-106131-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106131-450	430	440	3	0.04909	1.636	23.234
	KAFB-106132	KAFB-106132-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106132-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106132-175	164	174	3/4	0.00307	1.636	2.170
		KAFB-106132-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106132-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106132-450	440	450	3	0.04909	1.636	23.725

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106133	KAFB-106133-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106133-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106133-170	160	170	3/4	0.00307	1.636	2.158
		KAFB-106133-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106133-350	339	349	3/4	0.00307	1.636	2.707
		KAFB-106133-450	439	449	3	0.04909	1.636	23.676
	KAFB-106134	KAFB-106134-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106134-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106134-170	160	170	3/4	0.00307	1.636	2.158
		KAFB-106134-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106134-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106134-450	440	450	3	0.04909	1.636	23.725
	KAFB-106135	KAFB-106135-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106135-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106135-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106135-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106135-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106135-450	440	450	3	0.04909	1.636	23.725
	KAFB-106137	KAFB-106137-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106137-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106137-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106137-250	240.1	250.1	3/4	0.00307	1.636	2.403
		KAFB-106137-350	340.5	350.5	3/4	0.00307	1.636	2.711
		KAFB-106137-450	440	450	3	0.04909	1.636	23.725
	KAFB-106139	KAFB-106139-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106139-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106139-150	140	150	3/4	0.00307	1.636	2.096
		KAFB-106139-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106139-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106139-450	440	450	3	0.04909	1.636	23.725

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	KAFB-106140	KAFB-106140-025	15	25	3/4	0.00307	1.636	1.713
		KAFB-106140-050	40	50	3/4	0.00307	1.636	1.789
		KAFB-106140-150	141.8	151.8	3/4	0.00307	1.636	2.102
		KAFB-106140-250	240	250	3/4	0.00307	1.636	2.403
		KAFB-106140-350	340	350	3/4	0.00307	1.636	2.710
		KAFB-106140-450	440	450	3	0.04909	1.636	23.725
	KAFB-106V3	KAFB-106V3-007	5	7	3/4	0.00307	0.327	0.349
		KAFB-106V3-015	13	15	3/4	0.00307	0.327	0.373
		KAFB-106V3-272	267	272	3	0.04909	0.818	14.170
	SVMW-01	SVMW-01-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-01-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-01-250	250.7	253.2	1/2	0.00136	0.409	0.754
		SVMW-01-300	308.5	310	1/2	0.00136	0.2454	0.668
	SVMW-02	SVMW-02-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-02-100	97	99.5	1/2	0.00136	0.409	0.545
		SVMW-02-150	150	152.5	1/2	0.00136	0.409	0.617
	SVMW-05	SVMW-05-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-05-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-05-230	229.5	231	1/2	0.00136	0.2454	0.560
		SVMW-05-290	287.5	290	1/2	0.00136	0.409	0.804
	SVMW-06	SVMW-06-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-06-100	99.5	102	1/2	0.00136	0.409	0.548
		SVMW-06-252	252	254.5	1/2	0.00136	0.409	0.756
		SVMW-06-302	302.5	305	1/2	0.00136	0.409	0.825
	SVMW-07	SVMW-07-050	49.5	52	1/2	0.00136	0.409	0.480
		SVMW-07-100	95.5	98	1/2	0.00136	0.409	0.543
		SVMW-07-150	147.5	150	1/2	0.00136	0.409	0.614

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Outside the Source Area)	SVEW-10/SVMW-12	SVEW-10-410	400	410	2	0.02182	1.636	10.581
		SVMW-12-150	150	152.5	1/2	0.00136	0.409	0.617
		SVMW-12-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-12-350	350	352.5	1/2	0.00136	0.409	0.890
		SVMW-12-450	450	452.5	1/2	0.00136	0.409	1.026
	SVEW-11/SVMW-13	SVEW-11-410	400	410	2	0.02182	1.636	10.581
		SVMW-13-150	150	152.5	1/2	0.00136	0.409	0.617
		SVMW-13-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-13-350	350	352.5	1/2	0.00136	0.409	0.890
		SVMW-13-450	450	452.5	1/2	0.00136	0.409	1.026
	SVEW-12/SVMW-14	SVEW-12-410	400	410	2	0.02182	1.636	10.581
		SVMW-14-150	150	152.5	1/2	0.00136	0.409	0.617
		SVMW-14-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-14-350	350	352.5	1/2	0.00136	0.409	0.890
		SVMW-14-450	450	452.5	1/2	0.00136	0.409	1.026
	SVEW-13/SVMW-15	SVEW-13-410	400	410	2	0.02182	1.636	10.581
		SVMW-15-150	150	152.5	1/2	0.00136	0.409	0.617
		SVMW-15-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-15-350	350	352.5	1/2	0.00136	0.409	0.890
		SVMW-15-450	450	452.5	1/2	0.00136	0.409	1.026

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Inside the Source Area)	KAFB-106V1	KAFB-106V1-102	100.1	102.1	3/4	0.00307	0.327	0.640
		KAFB-106V1-113	110.6	112.6	3/4	0.00307	0.327	0.673
		KAFB-106V1-160	157.6	159.6	3/4	0.00307	0.327	0.817
		KAFB-106V1-217	215.1	217.1	3/4	0.00307	0.327	0.993
		KAFB-106V1-252	250.1	252.1	3/4	0.00307	0.327	1.101
		KAFB-106V1-263	260.6	262.6	3/4	0.00307	0.327	1.133
	KAFB-106V2	KAFB-106V2-102	100.2	102.2	3/4	0.00307	0.327	0.641
		KAFB-106V2-117	115.1	117.1	3/4	0.00307	0.327	0.686
		KAFB-106V2-160	157.9	159.9	3/4	0.00307	0.327	0.818
		KAFB-106V2-217	215.1	217.1	3/4	0.00307	0.327	0.993
		KAFB-106V2-252	250.2	252.2	3/4	0.00307	0.327	1.101
		KAFB-106V2-270	267.6	269.6	3/4	0.00307	0.327	1.154
	SVEW-01	SVEW-01-260	245	260	2	0.02182	2.454	8.126
	SVEW-02/03	SVEW-02-060	45	60	2	0.02182	2.454	3.763
		SVEW-03-160	145	160	2	0.02182	2.454	5.945
	SVEW-04/05	SVEW-04-313	298	313	2	0.02182	2.454	9.283
		SVEW-05-460	445	460	2	0.02182	2.454	12.490
	SVEW-06/07	SVEW-06-060	45	60	2	0.02182	2.454	3.763
		SVEW-07-160	145	160	2	0.02182	2.454	5.945
	SVEW-08/09	SVEW-08-260	245	260	2	0.02182	2.454	8.126
		SVEW-09-460	443	457	2	0.02182	2.2904	12.261
	SVMW-03	SVMW-03-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-03-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-03-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-03-300	300	302.5	1/2	0.00136	0.409	0.821
	SVMW-04	SVMW-04-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-04-100	98	100.5	1/2	0.00136	0.409	0.546
		SVMW-04-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-04-300	297.5	300	1/2	0.00136	0.409	0.818

Table 3-1
Soil Vapor Well Construction Parameters

AOI	Sample Location	Location ID	Screened Interval (ft bgs)		Well Diameter (in)	Casing Area (ft^2)	Filter Pack Volume[a] (ft^3)	Purge Volume (ft^3)
			Top	Bottom				
On Base (Inside the Source Area)	SVMW-08	SVMW-08-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-08-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-08-250	250	252.5	1/2	0.00136	0.409	0.753
	SVMW-09	SVMW-09-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-09-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-09-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-09-266	266	268.5	1/2	0.00136	0.409	0.775
	SVMW-10	SVMW-10-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-10-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-10-150	150	152.5	1/2	0.00136	0.409	0.617
		SVMW-10-250	250	252.5	1/2	0.00136	0.409	0.753
	SVMW-11	SVMW-11-050	50	52.5	1/2	0.00136	0.409	0.481
		SVMW-11-100	100	102.5	1/2	0.00136	0.409	0.549
		SVMW-11-250	250	252.5	1/2	0.00136	0.409	0.753
		SVMW-11-260	260	262.5	1/2	0.00136	0.409	0.767

[a] Filter Pack Volume (V) was calculated using the following equation: $((\pi * d^2) / 4) * P * L = V$
$\pi \approx 3.14159$
d = Diameter of the borehole casing (0.833 ft)
P = Porosity of sand (assumed 0.3)
L = Length of the screened interval (ft)

AOI = area of interest
bgs = below ground surface
ft = foot
ft^2 = square feet
ft^3 = cubic feet
ID = identification
in = inch

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
Groundwater Monitoring Wells[b]						
KAFB-106001	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106002	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106003	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal, KAFB-015 Sentinel
KAFB-106004	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106005	South	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106006	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106007	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106008	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106009	South	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106010	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106011	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106012R	South	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106013	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106014	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106015[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106016	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106017	South	Gauge Only	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Signal
KAFB-106018	South	Gauge Only	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Signal
KAFB-106019	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106020	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106021[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106022[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106023[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106024	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106025[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
KAFB-106026[c,d]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106027	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106028	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106029[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106030[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106031[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106032[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106033[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106034[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106035[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring; Groundwater well paired with KAFB-106228 extraction well
KAFB-106036[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring; Groundwater well paired with KAFB-106228 extraction well
KAFB-106037[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring; Groundwater well paired with KAFB-106228 extraction well
KAFB-106038	South	Gauge Only	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Signal
KAFB-106039	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106040	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106041[c]	North	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106042[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106043[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106044	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106045	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106046	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106047	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106048	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106049[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
KAFB-106050[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106051[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106052[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106053[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106054[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106055[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106057[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106058[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106059	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106060	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106061	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106062	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106063	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106064	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106065	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106066	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106067	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106068	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106069	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106070[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106071[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106072[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106073	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106074	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106075	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
KAFB-106076	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106077	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106078	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106079	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106080	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106081	South	Gauge Only	BTEX, EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106082	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106083	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106084	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106085[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106086[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106087[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106088[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106089[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106090[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106091[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106092[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106093[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106094	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106095	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106096	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106097	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106098	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106099	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106100	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
KAFB-106101	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal, KAFB-015 Sentinel
KAFB-106102	South	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal, KAFB-015 Sentinel
KAFB-106103[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106104[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106105[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106106[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106107[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106148-484[e]		Gauge Only	Gauge Only	Gauge Only	Gauge Only	Source Area
KAFB-106149-484[c,e]	South	EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106150-484[e]		Gauge Only	Gauge Only	Gauge Only	Gauge Only	Source Area
KAFB-106151-484[c,e]	South	EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106152-484[c,e]	South	EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106153-484[c,e]	South	EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106154-484[e]	South	Gauge Only	Gauge Only	Gauge Only	Gauge Only	Source Area
KAFB-106155-484[e]	South	Gauge Only	Gauge Only	Gauge Only	Gauge Only	Source Area
KAFB-106156-484[e]	South	Gauge Only	Gauge Only	Gauge Only	Gauge Only	Source Area
KAFB-106201[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	KAFB-003 Sentinel
KAFB-106202[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	KAFB-003 Sentinel
KAFB-106203[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	KAFB-003 Sentinel
KAFB-106204[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106205[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106206[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106207[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106208[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106209[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106211[f]	South	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106212[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
KAFB-106213[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106214[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106215[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106216[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106217[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106218[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106219[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106220[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106221[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106222[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106223[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106224[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106225[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106226[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106227[c]	North	Gauge Only	EDB, metals, anions, alkalinity	Gauge Only	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106229[c,g]	North	Gauge Only	EDB	Gauge Only	EDB	Groundwater well paired with KAFB-106233 extraction well
KAFB-106230[c,d]	North	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106231[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106232[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106235-438[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106235-472[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106235-501[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106236-436[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106236-470[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well
KAFB-106236-499[c]	North	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Former Downgradient Proximal; Current Upgradient Well

Table 3-2
Groundwater Monitoring Program

Well Location ID	Well Location Relative to Ridgecrest Drive SE	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Current Monitoring Well Objective[a]
KAFB-106240-449[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	VA Proximal
KAFB-106241-428[c]	North	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106242-418[c]	North	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106243-425[c]	North	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106244-445[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	VA Proximal
KAFB-106245-460[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	KAFB-016 Sentinel
KAFB-106247-450[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal (Seasonal)
KAFB-106252-515	North	Gauge Only	Gauge Only	Gauge Only	Gauge Only	Piezometer paired with KAFB-106234 extraction well
KAFB-106S1-447[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S2-451[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S3-449[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S4-446[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S5-446[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S7-451[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S8-451[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106S9-447[c]	South	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-3411	South	Gauge Only	EDB, metals, anions, alkalinity, FP	Gauge Only	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
Newly Added Wells						
KAFB-106248-452[h]	North	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106249-450[h]	South	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106250-447[h]	South	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106251-443[h]	South	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106252-425[h]	North	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106S10-443[h]	South	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP	Source Area

Table 3-2
Groundwater Monitoring Program

[a] Monitoring Well Objective:

Downgradient Proximal (Seasonal) Wells—Primarily located north of Ridgecrest Drive SE surrounding the historical EDB plume to the north and east into the distal portion of the GWM network. One well located to the south and east of the Benzene plume. Groundwater flow direction varies seasonally; these wells are downgradient of the EDB plume during part of each year. Analytical data for these wells have been historically below the MCL for EDB. Sampled every quarter. These wells assist in plume boundary definition.

Former Downgradient Proximal; Current Upgradient Wells—Primarily located north of Ridgecrest Drive SE to the west and north of the historical EDB plume. These wells were previously downgradient of the historical EDB plume, but as groundwater flow direction has shifted, they are currently upgradient. Sampled every quarter.

Groundwater Monitoring Wells—Primarily located north of Ridgecrest Drive SE within the historical footprint of the EDB plume. Analytical data from these wells help to estimate the volume and mass of the EDB plume throughout the GWM network. Sampled in Q2 and Q4 at a minimum, with wells previously designated as newly added sampled every quarter.

KAFB-003 Sentinel Wells—One set of nested wells located west of drinking water production well KAFB-003. Sampled every quarter. These wells help to assess any potential contaminant migration towards KAFB-003.

KAFB-015 Sentinel Wells—One set of nested wells located east of drinking water production well KAFB-015. Sampled every quarter. These wells help to assess any potential contaminant migration towards KAFB-015.

KAFB-016 Sentinel Well—One well located west of drinking water production well KAFB-016. Sampled every quarter. This well helps to assess the potential for contaminant migration towards KAFB-016.

Paired wells—Wells located near a GWM IM extraction well to assess the quality of the water entering the extraction well.

Signal Wells—Three wells located along the south side of Ridgecrest Drive SE to monitor BTEX and provide early indication if the benzene plume is migrating from the source area into the interim measure target area capture zone created by the groundwater

Source Area Wells—Primarily located in the Bulk Fuels Facility south of Randolph Road SE and proximal to the spill site on-Base. Sampled during Q2 and Q4 at a minimum, with some sampled every quarter. These wells monitor the higher concentrations of dissolved-phase plumes on-Base.

Veterans Affairs (VA) Proximal Wells—Three sets of nested wells located between the historical EDB plume south of Ridgecrest Drive SE and the Raymond G. Murphy VA Medical Center as a means to observe for potential contaminant migration towards the VA medical campus. Sampled every quarter. These wells provide additional wellhead protection monitoring for the VA supply well.

[b] The groundwater monitoring network consists of 174 wells, 167 wells that are currently sampled (see note "f", below), and one well which will be sampled once water level has risen sufficiently (note "e"). Select wells are identified for additional or more frequent

Newly Added Wells—Newly added wells can include both existing wells that are added to the GWM network as well as newly installed wells. Newly added GWM wells require a minimum of eight quarters of baseline sampling for the full-suite of analytes. These wells have been added to assess the plume boundaries and provide additional water table monitoring due to the rising groundwater elevation.

Groundwater Monitoring Wells—Wells which have completed the minimum, baseline full-suite analytical sampling. These wells can serve any of the objectives described above.

[c] Well sampled with passive sampling methodology; field parameter measurements are not representative and therefore are not collected.

[d] Well was removed from the groundwater monitoring network due to safety concerns after Q2 2016. These concerns were mitigated and sampling resumed in Q4 2019; sampling at this well is considered supplemental to the groundwater monitoring program.

[e] Wells initially installed for vadose zone characterization. These wells were added to the GWM network to temporarily fill a data gap as the water level rose across the site.

[f] KAFB-106211 will be included for sampling when it has enough saturated water column to deploy passive samplers (former air sparge well).

[g] KAFB-106229 is not formally part of the groundwater monitoring network. However, it gets sampled semiannually for EDB.

[h] Baseline analyses conducted for a total of eight quarters.

BTEX = benzene, toluene, ethylbenzene, and total xylenes
DRO = diesel range organics
EDB = 1,2-dibromoethane (ethylene dibromide)
FP = field parameter
GRO = gasoline range organics
GWM = groundwater monitoring
ID = identification
IM = interim measure
MCL = maximum contaminant level
Q2 = second quarter
Q4 = fourth quarter
SE = Southeast
VA = Veterans Affairs
VOC = volatile organic compound

Table 3-3
Groundwater Monitoring Wells Sampled, Q2 2021

Location ID	Reference Elevation Interval (ft AMSL)	Well Installation Date[a]	Sample Date	Screen Interval[b] (ft bgs)	Screen Interval[b] (ft AMSL)	Sampling System	Screen Submerged[c] (Yes/No)?	Estimated Sample Depth[d,e,f] (ft bgs)	Analytical Suite[g]
KAFB-106001	4857/4838	11/10/2000	4/27/2021	483-508	4859-4834	Portable pump	Yes	485	EDB, metals, anions, alkalinity, FP
KAFB-106002	4857	3/26/2002	4/15/2021	479-504	4861-4836	Dedicated pump	Yes	492	EDB, metals, anions, alkalinity, FP
KAFB-106003	4857	1/25/2003	4/7/2021	476-501	4861-4836	Portable pump	Yes	478	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106004	4857	1/4/2006	4/8/2021	484-509	4859-4834	Portable pump	Yes	486	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106005	4857	1/22/2007	4/22/2021	479-504	4865-4840	Portable pump	Yes	481	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106006	4857	10/31/2007	4/23/2021	484-509	4865-4840	Portable pump	Yes	486	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106007	4857	11/14/2007	4/14/2021	484-509	4861-4836	Portable pump	Yes	486	EDB, metals, anions, alkalinity, FP
KAFB-106008	4857	11/21/2007	4/21/2021	486-511	4863-4838	Portable pump	Yes	488	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106009	4857	11/28/2007	4/28/2021	480-505	4865-4840	Portable pump	Yes	482	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106010	4857	12/6/2007	4/21/2021	483-508	4860-4835	Portable pump	Yes	485	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106011	4857	9/23/2008	4/2/2021	486-511	4864-4839	Dedicated pump	Yes	499	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106012R	4857	4/22/2014	4/14/2021	466-495	4877-4847	Portable pump	Yes	468	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106013	4857	9/19/2008	4/6/2021	487-512	4861-4836	Portable pump	Yes	489	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106014	4857	10/3/2008	4/20/2021	486-511	4861-4836	Portable pump	Yes	488	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106015	4857/4838	10/14/2008	4/1/2021	485-510	4855-4830	Passive sampler	Yes	488	EDB, metals, anions, alkalinity
KAFB-106016	4857	10/17/2008	4/16/2021	475-500	4864-4839	Dedicated pump	Yes	488	EDB, metals, anions, alkalinity, FP
KAFB-106017	4857/4838	11/19/2008	4/19/2021	482-507	4857-4832	Dedicated pump	Yes	495	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP
KAFB-106018	4857/4838	11/24/2008	4/27/2021	476-501	4857-4832	Portable pump	Yes	478	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP
KAFB-106019	4857/4838	12/9/2008	4/27/2021	493-518	4859-4834	Portable pump	Yes	495	EDB, metals, anions, alkalinity, FP
KAFB-106020	4857	12/19/2008	4/27/2021	482-507	4859-4834	Portable pump	Yes	484	EDB, metals, anions, alkalinity, FP
KAFB-106021	4838	6/7/2009	4/6/2021	458-483	4856-4831	Passive sampler	--	459	EDB, metals, anions, alkalinity
KAFB-106022	4857/4838	6/12/2009	4/8/2021	462-487	4856-4831	Passive sampler	Yes	463	EDB, metals, anions, alkalinity
KAFB-106023	4857	6/27/2009	4/9/2021	473-498	4856-4831	Passive sampler	Yes	474	EDB, metals, anions, alkalinity
KAFB-106024	4857	8/3/2009	4/7/2021	481-506	4863-4838	Dedicated pump	Yes	494	EDB, metals, anions, alkalinity, FP
KAFB-106025	4857/4838	12/5/2010	4/5/2021	465-490	4852-4827	Passive sampler	Yes	466	EDB, metals, anions, alkalinity
KAFB-106026	4857	4/23/2010	4/2/2021	466-486	4857-4837	Passive sampler	Yes	467	EDB, metals, anions, alkalinity
KAFB-106027	4857	5/1/2010	4/2/2021	481-501	4864-4844	Dedicated pump	Yes	491	EDB, metals, anions, alkalinity, FP
KAFB-106028	4857	5/16/2010	4/21/2021	486-511	4863-4838	Portable pump	Yes	488	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106029	4857	6/4/2011	4/6/2021	451-471	4860-4840	Passive sampler	Yes	452	EDB, metals, anions, alkalinity
KAFB-106030	4838	5/25/2011	4/6/2021	470-485	4842-4827	Passive sampler	--	470	EDB, metals, anions, alkalinity
KAFB-106031	4814	5/25/2011	4/6/2021	496-510	4815-4802	Passive sampler	--	497	EDB, metals, anions, alkalinity
KAFB-106032	4857	6/24/2011	4/8/2021	456-476	4862-4842	Passive sampler	Yes	457	EDB, metals, anions, alkalinity
KAFB-106033	4838	6/18/2011	4/8/2021	477-492	4841-4826	Passive sampler	--	478	EDB, metals, anions, alkalinity
KAFB-106034	4814	6/24/2011	4/8/2021	502-517	4817-4802	Passive sampler	--	503	EDB, metals, anions, alkalinity
KAFB-106035	4857	8/9/2011	4/9/2021	452-482	4869-4839	Passive sampler	Yes	453	EDB, metals, anions, alkalinity
KAFB-106036	4838	8/5/2011	4/9/2021	482-497	4840-4825	Passive sampler	--	483	EDB, metals, anions, alkalinity
KAFB-106037	4838	7/14/2011	4/9/2021	507-522	4815-4800	Passive sampler	--	508	EDB, metals, anions, alkalinity
KAFB-106038	4857	8/5/2011	4/14/2021	478-508	4870-4840	Portable pump	Yes	480	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP
KAFB-106039	4838	7/26/2011	4/12/2021	508-523	4840-4825	Portable pump	--	510	EDB, metals, anions, alkalinity, FP
KAFB-106040	4814	7/19/2011	4/12/2021	531-546	4817-4802	Portable pump	--	533	EDB, metals, anions, alkalinity, FP
KAFB-106041	4857	6/6/2011	4/5/2021	449-469	4875-4855	Passive sampler	Yes	450	EDB, metals, anions, alkalinity
KAFB-106042	4857	5/31/2011	4/5/2021	469-484	4855-4841	Passive sampler	Yes	470	EDB, metals, anions, alkalinity
KAFB-106043	4814	5/18/2011	4/5/2021	543-558	4781-4767	Passive sampler	--	544	EDB, metals, anions, alkalinity
KAFB-106044	4838	1/7/2011	4/2/2021	504-519	4841-4826	Dedicated pump	--	512	EDB, metals, anions, alkalinity, FP
KAFB-106045	4814	1/17/2011	4/14/2021	528-543	4817-4802	Portable pump	--	530	EDB, metals, anions, alkalinity, FP
KAFB-106046	4857	4/8/2011	4/2/2021	490-510	4863-4843	Dedicated pump	Yes	500	EDB, metals, anions, alkalinity, FP
KAFB-106047	4838	4/8/2011	4/2/2021	512-527	4841-4826	Dedicated pump	--	520	EDB, metals, anions, alkalinity, FP
KAFB-106048	4814	4/8/2011	4/14/2021	536-551	4817-4802	Portable pump	--	538	EDB, metals, anions, alkalinity, FP
KAFB-106049	4857	5/13/2011	4/8/2021	457-477	4859-4839	Passive sampler	Yes	458	EDB, metals, anions, alkalinity

Table 3-3
Groundwater Monitoring Wells Sampled, Q2 2021

Location ID	Reference Elevation Interval (ft AMSL)	Well Installation Date[a]	Sample Date	Screen Interval[b] (ft bgs)	Screen Interval[b] (ft AMSL)	Sampling System	Screen Submerged[c] (Yes/No)?	Estimated Sample Depth[d,e,f] (ft bgs)	Analytical Suite[g]
KAFB-106050	4838	5/2/2011	4/8/2021	474-489	4841-4826	Passive sampler	--	475	EDB, metals, anions, alkalinity
KAFB-106051	4814	4/26/2011	4/8/2021	501-516	4815-4800	Passive sampler	--	502	EDB, metals, anions, alkalinity
KAFB-106052	4857	7/25/2011	4/8/2021	450-480	4869-4839	Passive sampler	Yes	450	EDB, metals, anions, alkalinity
KAFB-106053	4838	7/11/2011	4/8/2021	478-493	4840-4825	Passive sampler	--	479	EDB, metals, anions, alkalinity
KAFB-106054	4814	6/28/2011	4/9/2021	504-519	4814-4799	Passive sampler	--	505	EDB, metals, anions, alkalinity
KAFB-106055	4857	6/24/2011	4/5/2021	466-486	4859-4839	Passive sampler	Yes	467	EDB, metals, anions, alkalinity
KAFB-106057	4838	6/19/2011	4/5/2021	485-500	4841-4826	Passive sampler	--	486	EDB, metals, anions, alkalinity
KAFB-106058	4814	6/14/2011	4/9/2021	512-527	4814-4799	Passive sampler	--	513	EDB, metals, anions, alkalinity
KAFB-106059	4857	4/7/2011	4/22/2021	483-503	4861-4841	Portable pump	Yes	485	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106060	4838	4/16/2011	4/7/2021	503-518	4842-4827	Dedicated pump	--	511	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106061	4814	4/8/2011	4/14/2021	573-588	4772-4757	Portable pump	--	575	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106062	4814	3/19/2011	4/2/2021	575-590	4773-4758	Dedicated pump	--	583	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106063	4838	4/8/2011	4/1/2021	505-520	4844-4829	Bladder pump	--	511	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106064	4857	3/24/2011	4/1/2021	485-505	4863-4843	Bladder pump	Yes	493	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106065	4838	5/17/2011	4/16/2021	508-523	4841-4826	Dedicated pump	--	516	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106066	4814	5/16/2011	4/16/2021	576-591	4773-4758	Dedicated pump	--	584	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106067	4857	5/11/2011	4/16/2021	485-505	4862-4842	Dedicated pump	Yes	495	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106068	4814	5/2/2011	4/6/2021	580-595	4767-4752	Dedicated pump	--	588	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106069	4838	5/1/2011	4/26/2021	506-521	4841-4826	Portable pump	--	508	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106070	4857	5/23/2011	4/12/2021	460-480	4859-4839	Passive sampler	Yes	461	EDB, metals, anions, alkalinity
KAFB-106071	4814	5/13/2011	4/12/2021	548-563	4773-4758	Passive sampler	--	549	EDB, metals, anions, alkalinity
KAFB-106072	4838	5/1/2011	4/12/2021	475-495	4844-4824	Passive sampler	--	476	EDB, metals, anions, alkalinity
KAFB-106073	4838	5/5/2011	4/16/2021	500-515	4840-4825	Portable pump	--	502	EDB, metals, anions, alkalinity, FP
KAFB-106074	4814	4/28/2011	4/16/2021	570-585	4771-4756	Portable pump	--	572	EDB, metals, anions, alkalinity, FP
KAFB-106075	4857	4/17/2011	4/29/2021	480-500	4860-4840	Portable pump	Yes	482	EDB, metals, anions, alkalinity, FP
KAFB-106076	4857	4/8/2011	4/23/2021	480-500	4865-4845	Portable pump	Yes	482	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106077	4838	4/8/2011	4/14/2021	504-519	4841-4826	Portable pump	--	506	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106078	4814	4/8/2011	4/19/2021	574-589	4771-4756	Dedicated pump	--	582	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106079	4857	3/22/2011	4/22/2021	484-504	4863-4843	Portable pump	Yes	486	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106080	4838	4/17/2011	4/28/2021	503-518	4843-4828	Portable pump	--	505	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106081	4814	4/16/2011	4/14/2021	575-589	4772-4757	Portable pump	--	577	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106082	4857	4/5/2011	4/9/2021	472-492	4863-4843	Portable pump	Yes	474	EDB, metals, anions, alkalinity, FP
KAFB-106083	4838	4/15/2011	4/9/2021	496-511	4840-4825	Portable pump	--	498	EDB, metals, anions, alkalinity, FP
KAFB-106084	4814	4/5/2011	4/9/2021	566-581	4768-4753	Portable pump	--	568	EDB, metals, anions, alkalinity, FP
KAFB-106085	4857	7/8/2011	4/12/2021	447-477	4871-4841	Passive sampler	Yes	447	EDB, metals, anions, alkalinity
KAFB-106086	4838	6/26/2011	4/12/2021	476-491	4842-4827	Passive sampler	--	477	EDB, metals, anions, alkalinity
KAFB-106087	4814	6/19/2011	4/12/2021	546-561	4771-4756	Passive sampler	--	547	EDB, metals, anions, alkalinity
KAFB-106088	4857	6/3/2011	4/12/2021	460-480	4864-4844	Passive sampler	Yes	461	EDB, metals, anions, alkalinity
KAFB-106089	4838	5/23/2011	4/12/2021	482-497	4842-4827	Passive sampler	--	482	EDB, metals, anions, alkalinity
KAFB-106090	4814	5/23/2011	4/12/2021	555-570	4768-4753	Passive sampler	--	556	EDB, metals, anions, alkalinity
KAFB-106091	4857	6/4/2011	4/7/2021	454-474	4860-4840	Passive sampler	Yes	455	EDB, metals, anions, alkalinity
KAFB-106092	4838	5/24/2011	4/7/2021	474-489	4841-4826	Passive sampler	--	475	EDB, metals, anions, alkalinity
KAFB-106093	4814	5/24/2011	4/7/2021	544-559	4771-4756	Passive sampler	--	545	EDB, metals, anions, alkalinity
KAFB-106094	4857	6/26/2011	4/16/2021	484-504	4861-4841	Dedicated pump	Yes	494	EDB, metals, anions, alkalinity, FP
KAFB-106095	4838	6/24/2011	4/12/2021	504-519	4841-4826	Portable pump	--	506	EDB, metals, anions, alkalinity, FP
KAFB-106096	4814	6/7/2011	4/12/2021	576-591	4769-4754	Portable pump	--	578	EDB, metals, anions, alkalinity, FP
KAFB-106097	4838	4/27/2011	4/7/2021	506-521	4842-4827	Portable pump	--	508	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106098	4814	4/17/2011	4/6/2021	531-546	4817-4802	Portable pump	--	533	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106099	4838	5/12/2011	4/8/2021	501-516	4842-4827	Portable pump	--	503	BTEX, EDB, metals, anions, alkalinity, FP

Table 3-3
Groundwater Monitoring Wells Sampled, Q2 2021

Location ID	Reference Elevation Interval (ft AMSL)	Well Installation Date[a]	Sample Date	Screen Interval[b] (ft bgs)	Screen Interval[b] (ft AMSL)	Sampling System	Screen Submerged[c] (Yes/No)?	Estimated Sample Depth[d,e,f] (ft bgs)	Analytical Suite[g]
KAFB-106100	4814	5/3/2011	4/8/2021	526-541	4817-4802	Portable pump	--	528	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106101	4838	2/21/2011	4/6/2021	496-511	4842-4826	Portable pump	--	498	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106102	4814	3/3/2011	4/6/2021	521-535	4816-4803	Portable pump	--	523	BTEX, EDB, metals, anions, alkalinity, FP
KAFB-106103	4838	6/21/2011	4/9/2021	485-500	4843-4828	Passive sampler	--	486	EDB, metals, anions, alkalinity
KAFB-106104	4814	6/15/2011	4/9/2021	510-525	4818-4803	Passive sampler	--	511	EDB, metals, anions, alkalinity
KAFB-106105	4838	8/19/2011	4/7/2021	484-499	4838-4823	Passive sampler	--	485	EDB, metals, anions, alkalinity
KAFB-106106	4857	8/10/2011	4/7/2021	454-484	4868-4838	Passive sampler	Yes	454	EDB, metals, anions, alkalinity
KAFB-106107	4814	8/30/2011	4/7/2021	510-525	4812-4797	Passive sampler	--	511	EDB, metals, anions, alkalinity
KAFB-106149-484[h]	4857	9/16/2011	4/14/2021	354-484	4992-4862	Passive sampler	No	472	BTEX, EDB, metals, anions, alkalinity
KAFB-106151-484[h]	4857	9/30/2011	4/14/2021	355-484	4990-4861	Passive sampler	No	470	BTEX, EDB, metals, anions, alkalinity
KAFB-106152-484[h]	4857	10/7/2011	4/14/2021	355-484	4993-4864	Passive sampler	No	472	BTEX, EDB, metals, anions, alkalinity
KAFB-106153-484[h]	4857	10/27/2011	4/27/2021	355-484	4994-4865	Passive sampler	No	475	BTEX, EDB, metals, anions, alkalinity
KAFB-106201	4857	9/24/2012	4/1/2021	487-517	4867-4837	Passive sampler	Yes	490	EDB, metals, anions, alkalinity
KAFB-106202	4838	9/23/2012	4/1/2021	517-532	4838-4823	Passive sampler	--	521	EDB, metals, anions, alkalinity
KAFB-106203	4814	9/9/2012	4/1/2021	620-635	4734-4719	Passive sampler	--	624	EDB, metals, anions, alkalinity
KAFB-106204	4857	8/22/2012	4/2/2021	463-493	4870-4840	Passive sampler	Yes	463	EDB, metals, anions, alkalinity
KAFB-106205	4838	8/15/2012	4/2/2021	493-508	4841-4826	Passive sampler	--	493	EDB, metals, anions, alkalinity
KAFB-106206	4814	7/16/2012	4/2/2021	594-608	4740-4725	Passive sampler	--	594	EDB, metals, anions, alkalinity
KAFB-106207	4857	8/22/2012	4/1/2021	473-503	4871-4841	Passive sampler	Yes	474	EDB, metals, anions, alkalinity
KAFB-106208	4838	8/16/2012	4/1/2021	503-518	4841-4826	Passive sampler	--	504	EDB, metals, anions, alkalinity
KAFB-106209	4814	8/7/2012	4/1/2021	603-617	4740-4726	Passive sampler	--	604	EDB, metals, anions, alkalinity
KAFB-106212	4814	2/25/2015	4/9/2021	543-558	4779-4764	Passive sampler	--	544	EDB, metals, anions, alkalinity
KAFB-106213	4857	2/10/2015	4/9/2021	448-478	4877-4847	Passive sampler	No	451	EDB, metals, anions, alkalinity
KAFB-106214	4838	3/13/2015	4/9/2021	478-493	4847-4833	Passive sampler	--	479	EDB, metals, anions, alkalinity
KAFB-106215	4814	4/22/2015	4/9/2021	547-562	4779-4764	Passive sampler	--	548	EDB, metals, anions, alkalinity
KAFB-106216	4857	2/17/2015	4/2/2021	456-486	4878-4848	Passive sampler	No	461	EDB, metals, anions, alkalinity
KAFB-106217	4838	2/17/2015	4/2/2021	485-500	4849-4834	Passive sampler	--	486	EDB, metals, anions, alkalinity
KAFB-106218	4814	5/26/2015	4/2/2021	552-567	4782-4767	Passive sampler	--	553	EDB, metals, anions, alkalinity
KAFB-106219	4857	3/20/2015	4/1/2021	463-493	4878-4848	Passive sampler	No	469	EDB, metals, anions, alkalinity
KAFB-106220	4838	3/20/2015	4/1/2021	493-508	4847-4832	Passive sampler	--	494	EDB, metals, anions, alkalinity
KAFB-106221	4814	6/18/2015	4/1/2021	561-576	4779-4764	Passive sampler	--	562	EDB, metals, anions, alkalinity
KAFB-106222	4857	1/15/2015	4/2/2021	458-488	4875-4845	Passive sampler	Yes	461	EDB, metals, anions, alkalinity
KAFB-106223	4838	2/17/2015	4/2/2021	488-503	4846-4831	Passive sampler	--	489	EDB, metals, anions, alkalinity
KAFB-106224	4814	5/22/2015	4/2/2021	555-570	4780-4765	Passive sampler	--	556	EDB, metals, anions, alkalinity
KAFB-106225	4857	1/19/2015	4/5/2021	450-480	4876-4846	Passive sampler	No	453	EDB, metals, anions, alkalinity
KAFB-106226	4838	2/3/2015	4/5/2021	480-495	4847-4832	Passive sampler	--	481	EDB, metals, anions, alkalinity
KAFB-106227	4814	5/19/2015	4/5/2021	548-563	4780-4765	Passive sampler	--	549	EDB, metals, anions, alkalinity
KAFB-106229	4857/4838	8/20/2015	4/7/2021	431-531	4883-4783	Passive sampler	No	442	EDB
KAFB-106230	4814	9/1/2015	4/2/2021	501-516	4824-4809	Passive sampler	--	502	EDB, metals, anions, alkalinity
KAFB-106231	4857	9/15/2015	4/6/2021	440-475	4888-4853	Passive sampler	No	454	EDB, metals, anions, alkalinity
KAFB-106232	4814	9/15/2015	4/6/2021	503-518	4824-4809	Passive sampler	--	504	EDB, metals, anions, alkalinity
KAFB-106235-438	4857	10/31/2016	4/7/2021	438-463	4878-4853	Passive sampler	No	441	EDB, metals, anions, alkalinity
KAFB-106235-472	4838	10/31/2016	4/6/2021	472-492	4844-4824	Passive sampler	--	473	EDB, metals, anions, alkalinity
KAFB-106235-501	4814	10/31/2016	4/7/2021	501-521	4815-4795	Passive sampler	--	502	EDB, metals, anions, alkalinity
KAFB-106236-436	4857	11/23/2016	4/7/2021	436-461	4880-4855	Passive sampler	No	442	EDB, metals, anions, alkalinity
KAFB-106236-470	4838	11/23/2016	4/7/2021	470-490	4846-4826	Passive sampler	--	471	EDB, metals, anions, alkalinity
KAFB-106236-499	4814	11/23/2016	4/7/2021	499-519	4817-4797	Passive sampler	--	500	EDB, metals, anions, alkalinity
KAFB-106240-449	4857	6/14/2018	4/14/2021	449-489	4899-4859	Passive sampler	No	473	BTEX, EDB, metals, anions, alkalinity
KAFB-106241-428	4857	8/16/2018	4/5/2021	428-468	4896-4856	Passive sampler	No	452	EDB, metals, anions, alkalinity

Table 3-3
Groundwater Monitoring Wells Sampled, Q2 2021

Location ID	Reference Elevation Interval (ft AMSL)	Well Installation Date[a]	Sample Date	Screen Interval[b] (ft bgs)	Screen Interval[b] (ft AMSL)	Sampling System	Screen Submerged[c] (Yes/No)?	Estimated Sample Depth[d,e,f] (ft bgs)	Analytical Suite[g]
KAFB-106242-418	4857	8/23/2018	4/6/2021	418-458	4898-4858	Passive sampler	No	442	EDB, metals, anions, alkalinity
KAFB-106243-425	4857	7/27/2018	4/12/2021	426-465	4895-4856	Passive sampler	No	447	EDB, metals, anions, alkalinity
KAFB-106244-445	4857	7/12/2018	4/14/2021	445-485	4898-4858	Passive sampler	No	469	BTEX, EDB, metals, anions, alkalinity
KAFB-106245-460	4857	9/7/2018	4/14/2021	461-501	4897-4857	Passive sampler	No	485	BTEX, EDB, metals, anions, alkalinity
KAFB-106247-450	4857	3/1/2019	4/14/2021	450-490	4898-4858	Passive sampler	No	477	BTEX, EDB, metals, anions, alkalinity
KAFB-106248-452[i]	4857	3/22/2021	4/5/2021	453-493	4901-4861	Portable pump	No	491	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP
KAFB-106249-450[i]	4857	2/10/2021	4/21/2021	450-490	4903-4863	Dedicated pump	No	470	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP
KAFB-106250-447[i]	4857	2/21/2021	4/22/2021	448-488	4902-4862	Dedicated pump	No	468	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP
KAFB-106251-443[i]	4857	1/21/2021	4/22/2021	444-484	4901-4861	Dedicated pump	No	464	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP
KAFB-106252-425[i]	4857	3/11/2021	3/23/2021	425-465	4901-4861	Portable pump	No	463	VOCs, EDB, GRO, DRO, metals, anions, alkalinity, FP
KAFB-106S1-447	4857	2/18/2019	4/14/2021	447-487	4898-4858	Passive sampler	No	471	BTEX, EDB, metals, anions, alkalinity
KAFB-106S2-451	4857	11/21/2018	4/14/2021	451-491	4898-4858	Passive sampler	No	478	BTEX, EDB, metals, anions, alkalinity
KAFB-106S3-449	4857	11/29/2018	4/14/2021	449-489	4899-4859	Passive sampler	No	476	BTEX, EDB, metals, anions, alkalinity
KAFB-106S4-446	4857	11/16/2018	4/14/2021	446-486	4898-4858	Passive sampler	No	471	BTEX, EDB, metals, anions, alkalinity
KAFB-106S5-446	4857	11/5/2018	4/14/2021	446-486	4898-4858	Passive sampler	No	468	BTEX, EDB, metals, anions, alkalinity
KAFB-106S7-451	4857	2/4/2019	4/14/2021	451-491	4898-4858	Passive sampler	No	475	BTEX, EDB, metals, anions, alkalinity
KAFB-106S8-451	4857	3/1/2019	4/14/2021	451-491	4897-4857	Passive sampler	No	476	BTEX, EDB, metals, anions, alkalinity
KAFB-106S9-447	4857	11/8/2019	4/14/2021	447-487	4899-4859	Passive sampler	No	471	BTEX, EDB, metals, anions, alkalinity
KAFB-106S10-443[i]	4857	12/19/2020	4/19/2021	446-486	4905-4865	Portable pump	No	484	Full suite VOCs, EDB, metals, anions, alkalinity
KAFB-3411	4857	11/10/1999	4/14/2021	477-502	4863-4838	Portable pump	Yes	479	EDB, metals, anions, alkalinity, FP

Table 3-3
Groundwater Monitoring Wells Sampled, Q2 2021

[a] Well installation date is the date provided in ERPIMS, except where the date in ERPIMS is the start of drilling, in which case the well installation date is the date provided in the well completion diagram submitted to the NMOSE.

[b] Screen interval is rounded to the nearest foot.

[c] Well screens in REI 4857 wells intersected the water table when they were installed and current screen submergence is the result of the rise of the water table. Well screens in REI 4838 and 4814 wells were designed with the screened interval fully submerged to capture conditions at depths below the water table.

[d] Portable equipment sampling depths are estimated to the nearest foot as 2 ft below top of screen if submerged or 2 ft above bottom of screen if not submerged.

[e] Dedicated pump sampling depth is estimated as half-way between top and bottom of screen.

[f] Passive sampling depth is estimated to the nearest foot as the depth to the top of the highest sampler.

[g] The analytical methods for EDB and VOCs (including BTEX) are 8011 and 8260C, respectively. Metals analyses consisted of select total metals (arsenic, calcium, lead, potassium, magnesium, and sodium by analytical Method 6020A/6010C and select and dissolved metals (iron and manganese) (6010C). Anions analysis consisted of bromide by Method 300.0A, chloride by Method 300.0A, nitrate/nitrite nitrogen by Method 353.2, and sulfate by Method 300.0A. Field parameters include pH, specific conductivity, dissolved oxygen, oxidation reduction potential, temperature, and turbidity.

[h] Wells initially installed for vadose zone characterization. These wells were added to the GWM network to temporarily fill a data gap as the water level rose across the site.

[i] New wells will be sampled for eight quarters for baseline analyses.
-- = well was designed with the screened interval fully submerged to capture conditions at depths below the water table
AMSL = above mean sea level
DRO = disel range organics
GRO = gasoline range organics
bgs = below ground surface
BTEX = benzene, toluene, ethylbenzene, and total xylene
EDB = 1,2-dibromoethane (ethylene dibromide)
ERPIMS = Environmental Resources Program Information Management System
FP = field parameters
ft = foot/feet
GWM = groundwater monitoring
ID = identification
NMOSE = New Mexico Office of the State Engineer
REI = reference elevation interval
VOC = volatile organic compound

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
Off Base	KAFB-106028	KAFB-106028-150	04/15/21	SV028-150-212	2.1	0.12	19.92	0	0.625
		KAFB-106028-250	04/15/21	SV028-250-212	3.0	0.22	20.06	8	0.750
		KAFB-106028-350	04/15/21	SV028-350-212	3.1	0.30	20.16	8	0.917
		KAFB-106028-450	04/15/21	SV028-450-212	3.1	0.80	19.19	0	1.042
	KAFB-106136	KAFB-106136-025	04/06/21	SV136-025-212	0.0	0.26	20.46	4	1.733
		KAFB-106136-050	04/06/21	SV136-050-212	0.0	0.30	20.52	2	1.800
		KAFB-106136-150	04/06/21	SV136-150-212	1.4	0.14	20.16	1	2.167
		KAFB-106136-250	04/06/21	SV136-250-212	2.8	0.18	20.42	0	2.500
		KAFB-106136-350	04/06/21	SV136-350-212	3.0	0.20	20.49	1	2.833
		KAFB-106136-450	04/06/21	SV136-450-212	3.0	0.22	20.52	2	24.000
	KAFB-106138	KAFB-106138-025	04/06/21	SV138-025-212	0.6	2.54	18.65	4	1.833
		KAFB-106138-050	04/06/21	SV138-050-212	0.0	3.12	17.92	3	1.833
		KAFB-106138-150	04/06/21	SV138-150-212	2.7	0.30	19.75	2	2.167
		KAFB-106138-250	04/06/21	SV138-250-212	2.6	0.26	19.52	4	2.500
		KAFB-106138-350	04/06/21	SV138-350-212	2.8	0.24	19.97	3	2.800
		KAFB-106138-450	04/06/21	SV138-450-212	2.8	0.22	19.81	0	24.000
	KAFB-106141	KAFB-106141-025	04/06/21	SV141-025-212	0.0	0.50	19.69	2	1.833
		KAFB-106141-050	04/06/21	SV141-050-212	0.0	0.20	19.98	2	1.833
		KAFB-106141-170	04/06/21	SV141-150-212	2.5	0.20	19.99	1	3.567
		KAFB-106141-250	04/06/21	SV141-250-212	2.4	0.18	19.75	2	2.500
		KAFB-106141-350	04/06/21	SV141-350-212	2.4	0.18	20.05	1	2.800
		KAFB-106141-450	04/06/21	SV141-450-212	2.4	0.24	19.98	1	24.000
	KAFB-106142	KAFB-106142-030	04/06/21	SV142-030-212	0.0	0.32	20.07	9	1.733
		KAFB-106142-050	04/06/21	SV142-050-212	0.0	0.32	19.82	6	1.800
		KAFB-106142-170	04/06/21	SV142-170-212	2.8	0.16	20.02	4	2.200
		KAFB-106142-250	04/06/21	SV142-250-212	2.8	0.18	20.05	3	2.5
		KAFB-106142-350	04/06/21	SV142-350-212	3.2	0.22	20.29	4	2.833
		KAFB-106142-450	04/06/21	SV142-450-212	2.9	0.24	20.44	14	24.667

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	KAFB-106108	KAFB-106108-025	04/19/21	SV108-025-212	0.0	0.88	19.68	0	1.750
		KAFB-106108-050	04/19/21	SV108-050-212	0.0	3.06	15.00	0	1.750
		KAFB-106108-150	04/19/21	SV108-150-212	-1.1	3.60	13.41	829	2.100
		KAFB-106108-250	04/19/21	SV108-250-212	-1.2	2.46	15.44	5160	2.450
		KAFB-106108-350	04/19/21	SV108-350-212	-1.2	0.34	19.09	49	2.742
		KAFB-106108-450	04/19/21	SV108-450-212	-1.4	0.50	19.43	0	23.733
	KAFB-106109	KAFB-106109-025	04/13/21	SV109-025-212	0.0	0.50	20.80	0	1.733
		KAFB-106109-050	04/13/21	SV109-050-212	-0.1	1.06	20.31	0	1.800
		KAFB-106109-150	04/13/21	SV109-150-212	-1.5	0.18	17.43	0	2.133
		KAFB-106109-250	04/13/21	SV109-250-212	-1.7	0.30	19.59	0	2.400
		KAFB-106109-350	04/13/21	SV109-350-212	-1.6	0.26	20.73	0	2.733
		KAFB-106109-450	04/13/21	SV109-450-212	-1.4	0.62	19.97	0	23.800
	KAFB-106110	KAFB-106110-025	04/13/21	SV110-025-212	0.1	0.72	20.35	0	1.733
		KAFB-106110-050	04/13/21	SV110-050-212	0.1	1.50	18.14	1	1.800
		KAFB-106110-150	04/13/21	SV110-150-212	-1.6	2.34	12.13	1404	2.133
		KAFB-106110-250	04/13/21	SV110-250-212	-1.6	3.52	11.69	12390	2.400
		KAFB-106110-350	04/13/21	SV110-350-212	-1.6	0.30	16.40	941	2.733
		KAFB-106110-450	04/13/21	SV110-450-212	-1.5	0.52	18.95	61	23.733
	KAFB-106111	KAFB-106111-025	04/06/21	SV111-025-212	0.1	6.50	10.97	24	1.733
		KAFB-106111-050	04/06/21	SV111-050-212	0.3	8.90	7.23	97	1.800
		KAFB-106111-150	04/06/21	SV111-150-212	2.0	9.58	6.02	154	2.133
		KAFB-106111-250	04/06/21	SV111-250-212	2.2	11.48	3.76	986	2.467
		KAFB-106111-350	04/06/21	SV111-350-212	2.6	3.68	11.89	5460	2.733
		KAFB-106111-450	04/06/21	SV111-450-212	2.9	1.16	13.00	181	23.733
	KAFB-106112	KAFB-106112-025	04/19/21	SV112-025-212	0.1	0.36	17.97	0	1.733
		KAFB-106112-050	04/19/21	SV112-050-212	0.2	0.58	16.99	0	1.800
		KAFB-106112-150	04/19/21	SV112-150-212	0.3	0.76	17.76	0	2.133
		KAFB-106112-250	04/19/21	SV112-250-212	0.1	1.10	16.92	0	2.467
		KAFB-106112-350	04/19/21	SV112-350-212	0.0	1.08	16.44	0	2.733
		KAFB-106112-450	04/19/21	SV112-450-212	0.0	2.30	14.78	1363	23.733
	KAFB-106113	KAFB-106113-020	04/13/21	SV113-020-212	0.0	0.38	20.47	1	1.833
		KAFB-106113-050	04/13/21	SV113-050-212	0.0	0.62	19.63	2	1.833
		KAFB-106113-150	04/13/21	SV113-150-212	-1.1	0.44	19.66	2	2.167
		KAFB-106113-250	04/13/21	SV113-250-212	-1.1	1.22	18.58	2	2.500
		KAFB-106113-350	04/13/21	SV113-350-212	-0.9	0.54	17.72	145	2.833
		KAFB-106113-450	04/13/21	SV113-450-212	-0.8	2.62	12.47	1562	24.000

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	KAFB-106114	KAFB-106114-025	04/06/21	SV114-025-212	0.2	0.72	16.83	0	1.733
		KAFB-106114-050	04/06/21	SV114-050-212	0.2	0.80	16.70	0	1.800
		KAFB-106114-150	04/06/21	SV114-150-212	2.4	0.54	17.99	1	2.133
		KAFB-106114-250	04/06/21	SV114-250-212	2.5	2.76	13.89	1	2.400
		KAFB-106114-350	04/06/21	SV114-350-212	3.0	1.50	13.73	11	2.733
		KAFB-106114-450	04/06/21	SV114-450-212	2.9	5.70	6.62	5310	23.733
	KAFB-106115	KAFB-106115-025	04/13/21	SV115-025-212	0.0	0.42	20.26	2	2.000
		KAFB-106115-050	04/13/21	SV115-050-212	0.0	0.56	20.08	3	2.333
		KAFB-106115-150	04/13/21	SV115-150-212	-1.3	0.40	19.44	6	2.167
		KAFB-106115-250	04/13/21	SV115-250-212	-1.2	0.28	19.51	0	2.500
		KAFB-106115-350	04/13/21	SV115-350-212	-1.2	0.34	19.44	1	2.833
		KAFB-106115-450	04/13/21	SV115-450-212	-0.9	1.44	17.70	415	24.000
	KAFB-106116	KAFB-106116-025	04/06/21	SV116-025-212	0.2	0.36	18.57	0	1.667
		KAFB-106116-050	04/06/21	SV116-050-212	0.6	0.76	16.47	0	1.733
		KAFB-106116-150	04/06/21	SV116-150-212	2.5	0.66	17.06	0	2.067
		KAFB-106116-250	04/06/21	SV116-250-212	2.9	1.70	15.48	38	2.333
		KAFB-106116-350	04/06/21	SV116-350-212	3.5	2.28	12.78	146	2.733
		KAFB-106116-450	04/06/21	SV116-450-212	3.3	7.80	5.19	5380	23.533
	KAFB-106117	KAFB-106117-025	04/06/21	SV117-025-212	0.2	4.80	10.85	0	1.733
		KAFB-106117-050	04/06/21	SV117-050-212	0.8	5.90	9.16	0	1.800
		KAFB-106117-150	04/06/21	SV117-150-212	2.2	6.82	7.89	0	2.133
		KAFB-106117-250	04/06/21	SV117-250-212	2.6	10.72	3.30	1940	2.400
		KAFB-106117-350	04/06/21	SV117-350-212	2.9	12.20	2.54	1128	2.800
		KAFB-106117-450	04/06/21	SV117-450-212	2.8	10.82	4.69	6790	23.733
	KAFB-106118	KAFB-106118-025	04/19/21	SV118-025-212	0.0	0.46	19.68	0	1.750
		KAFB-106118-050	04/19/21	SV118-050-212	0.1	0.76	18.41	0	1.808
		KAFB-106118-160	04/19/21	SV118-160-212	-0.7	1.18	17.05	43	2.158
		KAFB-106118-265	04/19/21	SV118-265-212	-0.8	1.68	16.21	1737	2.450
		KAFB-106118-350	04/19/21	SV118-350-212	-0.8	1.00	16.66	149	2.742
		KAFB-106118-450	04/19/21	SV118-450-212	-0.9	1.74	14.91	126	23.733
	KAFB-106119	KAFB-106119-025	04/20/21	SV119-025-212	0.0	1.98	18.21	2	1.767
		KAFB-106119-050	04/20/21	SV119-050-212	0.0	8.82	6.74	3	1.833
		KAFB-106119-150	04/20/21	SV119-150-212	0.0	13.64	1.58	4	2.167
		KAFB-106119-250	04/20/21	SV119-250-212	0.0	9.40	6.45	3750	2.500
		KAFB-106119-350	04/20/21	SV119-350-212	0.0	5.18	11.83	3310	2.800
		KAFB-106119-450	04/20/21	SV119-450-212	-0.5	0.18	20.58	4	24.000

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	KAFB-106120	KAFB-106120-025	04/12/21	SV120-025-212	0.0	0.72	20.00	1	1.833
		KAFB-106120-050	04/12/21	SV120-050-212	0.0	1.86	18.87	0	1.833
		KAFB-106120-150	04/12/21	SV120-150-212	0.0	0.34	19.64	0	2.167
		KAFB-106120-250	04/12/21	SV120-250-212	0.6	0.36	19.70	0	2.567
		KAFB-106120-350	04/12/21	SV120-350-212	0.8	0.36	19.04	3	2.833
		KAFB-106120-450	04/12/21	SV120-450-212	1.0	0.62	17.48	31	24.000
	KAFB-106121	KAFB-106121-025	04/12/21	SV121-025-212	0.0	0.96	19.77	1	1.833
		KAFB-106121-050	04/12/21	SV121-050-212	0.0	1.04	19.63	2	1.833
		KAFB-106121-145	04/12/21	SV121-145-212	0.0	0.26	19.76	1	2.167
		KAFB-106121-250	04/12/21	SV121-250-212	0.0	0.28	19.50	0	2.500
		KAFB-106121-350	04/12/21	SV121-350-212	0.6	0.34	19.68	1	2.833
		KAFB-106121-450	04/12/21	SV121-450-212	0.6	0.42	19.23	4	24.000
	KAFB-106122	KAFB-106122-025	04/12/21	SV122-025-212	0.5	0.76	19.97	3	1.833
		KAFB-106122-050	04/12/21	SV122-050-212	0.0	1.32	19.13	2	1.833
		KAFB-106122-150	04/12/21	SV122-150-212	0.0	0.30	19.57	5	2.167
		KAFB-106122-250	04/12/21	SV122-250-212	0.0	0.50	19.58	5	2.500
		KAFB-106122-350	04/12/21	SV122-350-212	0.9	0.38	19.53	6	2.833
		KAFB-106122-450	04/12/21	SV122-450-212	0.9	0.44	18.75	16	24.000
	KAFB-106123	KAFB-106123-025	04/12/21	SV123-025-212	0.0	0.72	20.37	2	1.833
		KAFB-106123-050	04/12/21	SV123-050-212	0.0	1.58	19.41	0	1.833
		KAFB-106123-150	04/12/21	SV123-150-212	0.0	0.28	20.22	0	2.167
		KAFB-106123-250	04/12/21	SV123-250-212	0.6	0.44	19.44	0	2.500
		KAFB-106123-350	04/12/21	SV123-350-212	-0.8	0.38	19.28	2	2.833
		KAFB-106123-450	04/12/21	SV123-450-212	0.8	0.58	18.39	4	24.000
	KAFB-106124	KAFB-106124-025	04/05/21	SV124-025-212	0.1	0.64	20.13	0	1.800
		KAFB-106124-050	04/05/21	SV124-050-212	0.2	1.10	19.79	0	1.800
		KAFB-106124-150	04/05/21	SV124-150-212	1.1	0.36	19.81	0	2.133
		KAFB-106124-250	04/05/21	SV124-250-212	1.3	0.18	19.83	0	2.400
		KAFB-106124-350	04/05/21	SV124-350-212	1.3	0.26	20.27	2	2.733
		KAFB-106124-450	04/05/21	SV124-450-212	1.4	0.58	19.74	14	23.800
	KAFB-106125	KAFB-106125-025	04/05/21	SV125-025-212	0.1	1.64	19.53	0	1.733
		KAFB-106125-050	04/05/21	SV125-050-212	0.3	2.34	19.07	0	1.800
		KAFB-106125-150	04/05/21	SV125-150-212	3.1	0.38	19.65	0	2.133
		KAFB-106125-250	04/05/21	SV125-250-212	1.8	0.16	19.73	0	2.400
		KAFB-106125-350	04/05/21	SV125-350-212	1.9	0.22	20.10	0	2.733
		KAFB-106125-450	04/05/21	SV125-450-212	1.9	0.66	19.33	53	23.733

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	KAFB-106126	KAFB-106126-025	04/20/21	SV126-025-212	0.0	0.60	20.29	5	1.767
		KAFB-106126-050	04/20/21	SV126-050-212	0.0	1.20	19.75	4	1.833
		KAFB-106126-150	04/20/21	SV126-150-212	0.0	0.26	19.88	5	2.333
		KAFB-106126-250	04/20/21	SV126-250-212	-0.5	0.20	20.03	6	2.433
		KAFB-106126-350	04/20/21	SV126-350-212	-0.5	0.22	20.49	13	2.767
		KAFB-106126-450	04/20/21	SV126-450-212	0.0	0.46	19.72	239	24.000
	KAFB-106127	KAFB-106127-025	04/05/21	SV127-025-212	0.0	0.58	20.50	0	1.800
		KAFB-106127-050	04/05/21	SV127-050-212	0.0	0.76	20.20	0	2.000
		KAFB-106127-150	04/05/21	SV127-150-212	0.9	0.20	20.18	0	2.200
		KAFB-106127-250	04/05/21	SV127-250-212	1.0	0.16	20.33	0	2.533
		KAFB-106127-350	04/05/21	SV127-350-212	1.1	0.22	20.65	0	2.733
		KAFB-106127-450	04/05/21	SV127-450-212	1.1	0.70	19.85	0	23.800
	KAFB-106128	KAFB-106128-025	04/06/21	SV128-025-212	0.7	4.94	8.55	2	1.833
		KAFB-106128-050	04/06/21	SV128-050-212	1.4	6.00	6.96	2	1.833
		KAFB-106128-150	04/06/21	SV128-150-212	2.9	5.86	6.41	1	2.167
		KAFB-106128-250	04/07/21	SV128-250-212	5.4	12.68	0.08	2360	2.500
		KAFB-106128-350	04/06/21	SV128-350-212	3.6	9.30	2.88	7200	2.833
		KAFB-106128-450	04/06/21	SV128-450-212	3.9	9.92	1.78	12110	24.133
	KAFB-106129	KAFB-106129-025	04/19/21	SV129-025-212	0.0	0.08	19.96	3	1.733
		KAFB-106129-050	04/19/21	SV129-050-212	0.0	0.18	20.02	3	1.833
		KAFB-106129-150	04/19/21	SV129-150-212	0.0	0.18	19.78	3	2.167
		KAFB-106129-250	04/19/21	SV129-250-212	0.0	0.44	19.47	2	2.500
		KAFB-106129-350	04/19/21	SV129-350-212	0.0	0.62	19.06	3	2.800
		KAFB-106129-450	04/19/21	SV129-450-212	0.0	1.36	17.53	108	24.000
	KAFB-106130	KAFB-106130-025	04/20/21	SV130-025-212	0.0	0.12	20.72	3	1.833
		KAFB-106130-050	04/20/21	SV130-050-212	0.0	0.18	20.63	3	1.833
		KAFB-106130-150	04/20/21	SV130-150-212	0.0	0.48	19.89	5	2.167
		KAFB-106130-250	04/20/21	SV130-250-212	0.0	0.80	19.54	5	2.667
		KAFB-106130-350	04/20/21	SV130-350-212	0.0	0.80	18.15	0	2.833
		KAFB-106130-450	04/20/21	SV130-450-212	0.0	1.64	16.17	86	24.000
	KAFB-106131	KAFB-106131-025	04/13/21	SV131-025-212	0.0	0.30	19.67	5	1.833
		KAFB-106131-055	04/13/21	SV131-055-212	0.0	0.28	19.42	3	1.833
		KAFB-106131-150	04/13/21	SV131-150-212	-0.7	0.36	19.09	2	2.167
		KAFB-106131-245	04/13/21	SV131-245-212	-0.7	0.48	18.88	4	2.500
		KAFB-106131-350	04/13/21	SV131-350-212	-0.6	0.42	15.92	26	2.833
		KAFB-106131-450	04/13/21	SV131-450-212	-0.7	1.16	12.81	358	24.000

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	KAFB-106132	KAFB-106132-025	04/12/21	SV132-025-212	0.1	2.00	18.84	0	1.733
		KAFB-106132-050	04/12/21	SV132-050-212	0.2	1.72	18.98	0	1.800
		KAFB-106132-175	04/12/21	SV132-175-212	0.8	0.58	19.47	0	2.133
		KAFB-106132-250	04/12/21	SV132-250-212	1.0	0.38	20.05	0	2.400
		KAFB-106132-350	04/12/21	SV132-350-212	1.2	0.42	20.36	0	2.733
		KAFB-106132-450	04/12/21	SV132-450-212	1.1	0.88	19.51	0	23.733
	KAFB-106133	KAFB-106133-025	04/06/21	SV133-025-212	0.0	1.58	19.31	0	1.733
		KAFB-106133-050	04/06/21	SV133-050-212	0.0	1.34	19.45	0	1.867
		KAFB-106133-170	04/06/21	SV133-170-212	2.1	0.48	19.56	0	2.200
		KAFB-106133-250	04/07/21	SV133-250-212	2.3	0.62	19.71	0	2.400
		KAFB-106133-350	04/06/21	SV133-350-212	2.6	0.76	19.61	0	2.733
		KAFB-106133-450	04/06/21	SV133-450-212	2.7	1.38	18.36	50	24.000
	KAFB-106134	KAFB-106134-025	04/12/21	SV134-025-212	0.1	0.20	20.14	0	1.733
		KAFB-106134-050	04/12/21	SV134-050-212	0.2	0.22	20.19	0	1.867
		KAFB-106134-170	04/12/21	SV134-170-212	1.0	0.26	20.03	1	2.133
		KAFB-106134-250	04/12/21	SV134-250-212	1.1	0.34	20.03	0	2.400
		KAFB-106134-350	04/12/21	SV134-350-212	1.2	0.44	20.08	1	2.733
		KAFB-106134-450	04/12/21	SV134-450-212	1.2	0.62	20.04	25	23.733
	KAFB-106135	KAFB-106135-025	04/12/21	SV135-025-212	0.0	0.30	20.57	0	1.733
		KAFB-106135-050	04/12/21	SV135-050-212	0.0	0.36	20.47	0	1.867
		KAFB-106135-150	04/12/21	SV135-150-212	0.0	0.18	20.20	0	2.133
		KAFB-106135-250	04/12/21	SV135-250-212	0.6	0.24	20.40	0	2.400
		KAFB-106135-350	04/12/21	SV135-350-212	0.7	0.36	20.54	0	2.733
		KAFB-106135-450	04/12/21	SV135-450-212	0.7	0.34	20.44	0	23.733
	KAFB-106137	KAFB-106137-025	04/12/21	SV137-025-212	0.0	0.26	20.32	1	1.733
		KAFB-106137-050	04/12/21	SV137-050-212	0.0	0.34	20.11	0	1.800
		KAFB-106137-150	04/12/21	SV137-150-212	0.4	0.26	19.88	2	2.133
		KAFB-106137-250	04/12/21	SV137-250-212	0.3	0.28	19.85	1	2.400
		KAFB-106137-350	04/12/21	SV137-350-212	-0.5	0.34	19.95	2	2.733
		KAFB-106137-450	04/12/21	SV137-450-212	-0.6	0.90	19.29	206	23.733
	KAFB-106139	KAFB-106139-025	04/12/21	SV139-025-212	0.0	0.50	20.36	0	1.733
		KAFB-106139-050	04/12/21	SV139-050-212	0.0	0.84	20.10	0	1.800
		KAFB-106139-150	04/12/21	SV139-150-212	0.1	0.64	18.63	11	2.133
		KAFB-106139-250	05/11/21	SV139-250-212	-0.6	0.56	18.30	123	2.500
		KAFB-106139-350	04/12/21	SV139-350-212	0.3	0.48	20.08	0	2.733
		KAFB-106139-450	04/12/21	SV139-450-212	0.5	0.48	20.47	0	23.733

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	KAFB-106140	KAFB-106140-025[a]	04/12/21	SV140-025-212	0.0	0.18	20.28	0	1.833
		KAFB-106140-050	04/12/21	SV140-050-212	0.0	0.20	20.52	1	1.833
		KAFB-106140-150	04/12/21	SV140-150-212	0.9	0.18	20.08	3	2.167
		KAFB-106140-250	04/12/21	SV140-250-212	1.2	0.16	19.56	2	2.600
		KAFB-106140-350	04/12/21	SV140-350-212	1.3	0.22	20.15	2	2.833
		KAFB-106140-450	04/12/21	SV140-450-212	1.3	0.18	19.66	4	24.000
	KAFB-106V3	KAFB-106V3-007	04/20/21	SV3-007-212	0.0	0.30	19.97	8	0.500
		KAFB-106V3-015	04/20/21	SV3-015-212	0.0	1.04	19.07	16	0.500
		KAFB-106V3-272	04/20/21	SV3-272-212	0.0	0.04	21.11	6	14.333
	SVMW-01	SVMW-01-050	04/19/21	SV01-050-212	0.0	12.08	3.02	1	0.567
		SVMW-01-100	04/19/21	SV01-100-212	0.0	13.48	0.14	12790	0.600
		SVMW-01-250	04/19/21	SV01-250-212	-0.9	6.16	11.19	9050	0.833
		SVMW-01-300	04/19/21	SV01-300-212	-1.0	0.38	17.99	305	0.733
	SVMW-02	SVMW-02-050	04/19/21	SV02-050-212	0.0	12.74	6.10	30	0.567
		SVMW-02-100	04/19/21	SV02-100-212	0.0	6.16	8.26	19390	0.600
		SVMW-02-150	04/19/21	SV02-150-212	-1.2	0.74	18.82	16520	0.667
	SVMW-05	SVMW-05-050	04/19/21	SV05-050-212	0.0	6.46	8.73	2	0.567
		SVMW-05-100	04/19/21	SV05-100-212	0.0	9.38	4.57	22	0.600
		SVMW-05-230	04/19/21	SV05-230-212	-1.1	6.14	7.81	7140	0.600
		SVMW-05-290	04/19/21	SV05-290-212	-1.2	1.00	17.38	92	0.867
	SVMW-06	SVMW-06-050	04/19/21	SV06-050-212	0.0	1.08	14.59	4	0.533
		SVMW-06-100	04/19/21	SV06-100-212	0.5	1.78	14.37	2	0.600
		SVMW-06-252[a]	04/19/21	SV06-252-212	0.0	1.96	12.54	659	0.767
		SVMW-06-302	04/19/21	SV06-302-212	0.0	1.86	14.18	4	0.867
	SVMW-07	SVMW-07-050	04/21/21	SV07-050-212	1.2	1.78	17.09	9940	0.500
		SVMW-07-100	04/21/21	SV07-100-212	0.2	4.90	11.35	7040	0.633
		SVMW-07-150	04/21/21	SV07-150-212	0.1	3.72	12.48	2	0.667
	SVEW-10/SVMW-12	SVEW-10-410	04/19/21	SVE10-410-212	-1.5	0.10	20.71	0	10.792
		SVMW-12-150	04/19/21	SV12-150-212	-1.3	0.20	17.60	0	0.708
		SVMW-12-250	04/19/21	SV12-250-212	-1.4	0.22	19.36	15	0.792
		SVMW-12-350	04/19/21	SV12-350-212	-1.6	0.46	20.55	0	0.917
		SVMW-12-450	04/19/21	SV12-450-212	-1.4	0.22	20.22	0	1.042
	SVEW-11/SVMW-13	SVEW-11-410	04/20/21	SVE11-410-212	-0.5	1.24	16.93	217	10.600
		SVMW-13-150	04/20/21	SV13-150-212	-0.6	6.26	10.04	759	0.625
		SVMW-13-250	04/20/21	SV13-250-212	-0.6	0.60	19.35	2	0.750
		SVMW-13-350	04/20/21	SV13-350-212	-0.5	0.72	18.93	0	0.917
		SVMW-13-450	04/20/21	SV13-450-212	-0.5	0.92	17.53	2	1.042

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Outside the Source Area)	SVEW-12/SVMW-14	SVEW-12-410	04/13/21	SV12-410-212	-0.9	0.24	19.37	1	10.600
		SVMW-14-150	04/13/21	SV14-150-212	-1.1	0.24	18.21	0	0.625
		SVMW-14-250	04/13/21	SV14-250-212	-1.1	0.24	17.99	0	0.750
		SVMW-14-350	04/13/21	SV14-350-212	-1.0	0.20	19.21	0	0.917
		SVMW-14-450	04/13/21	SV14-450-213	-0.9	1.08	19.64	1	1.042
	SVEW-13/SVMW-15	SVEW-13-410	04/19/21	SVE13-410-212	0.1	2.86	11.78	2190	10.600
		SVMW-15-150	04/19/21	SV15-150-212	0.7	0.50	.18.24	2	0.667
		SVMW-15-250	04/20/21	SV15-250-212	0.7	0.62	17.85	2	0.750
		SVMW-15-350	04/21/21	SV15-350-212	0.4	1.08	14.96	223	0.917
		SVMW-15-450	04/22/21	SV15-450-212	0.4	4.22	9.84	3810	1.083
On Base (Inside the Source Area)	KAFB-106V1	KAFB-106V1-102	04/20/21	SV1-102-212	0.3	2.38	9.58	16050	0.833
		KAFB-106V1-113	04/20/21	SV1-113-212	0.2	2.74	9.10	18510	0.708
		KAFB-106V1-160	04/20/21	SV1-160-212	0.0	6.26	6.04	6160	0.833
		KAFB-106V1-217	04/20/21	SV1-217-212	0.1	4.22	11.07	15960	1.042
		KAFB-106V1-252	04/20/21	SV1-252-212	0.0	1.94	13.99	14110	1.125
		KAFB-106V1-263	04/20/21	SV1-263-212	0.0	1.48	14.39	15970	1.167
	KAFB-106V2	KAFB-106V2-102	04/20/21	SV2-102-212	-0.2	3.68	5.45	23820	0.667
		KAFB-106V2-117	04/20/21	SV2-117-212	-0.2	4.02	5.10	27150	0.708
		KAFB-106V2-160	04/20/21	SV2-160-212	-0.6	6.66	7.42	1402	0.875
		KAFB-106V2-217	04/20/21	SV2-217-212	-0.6	4.70	9.45	17590	1.000
		KAFB-106V2-252	04/20/21	SV2-252-212	-0.4	3.40	11.25	4500	1.125
		KAFB-106V2-270	04/20/21	SV2-270-212	-0.4	2.90	12.04	6000	1.125
	SVEW-01	SVEW-01-260	04/20/21	SVE01-260-212	-0.5	0.02	20.88	1	8.150
	SVEW-02/03	SVEW-02-060	04/20/21	SVE02-260-212	-0.1	6.02	7.16	4290	3.800
		SVEW-03-160	04/20/21	SVE03-160-212	-0.6	0.32	20.09	172	5.950
	SVEW-04/05	SVEW-04-313	04/20/21	SVE04-313-212	-0.5	1.94	16.49	136	9.300
		SVEW-05-460	04/20/21	SVE05-460-212	-0.6	2.72	14.93	166	12.500
	SVEW-06/07	SVEW-06-060	04/05/21	SVE06-060-212	0.0	12.92	2.81	5020	3.933
		SVEW-07-160	04/05/21	SVE07-160-212	1.0	0.38	19.87	2900	6.067
	SVEW-08/09	SVEW-08-260	04/05/21	SVE08-260-212	1.1	5.40	12.56	290	8.200
		SVEW-09-460	04/05/21	SVE09-460-212	0.9	4.52	13.98	148	13.000
	SVMW-03	SVMW-03-050	04/05/21	SV03-050-212	0.6	15.62	0.14	1747	0.500
		SVMW-03-100	04/05/21	SV03-100-212	0.7	13.46	0.10	9160	0.717
		SVMW-03-250	04/05/21	SV03-250-212	2.8	8.14	4.52	15330	0.767
		SVMW-03-300	04/05/21	SV03-300-212	3.2	11.98	1.47	12470	0.833
	SVMW-04	SVMW-04-050	04/05/21	SV05-050-212	0.0	10.60	5.86	3250	0.500
		SVMW-04-100	04/05/21	SV04-100-212	0.0	5.08	10.53	21100	0.550
		SVMW-04-250	04/05/21	SV04-250-212	1.4	2.30	15.34	16790	0.767
		SVMW-04-300	04/05/21	SV04-300-212	1.6	1.06	18.57	2080	0.833

Table 4-1
Field Measurements for Soil Vapor Monitoring, Q2 2021

AOI	Soil Vapor Monitoring Location	Location ID	Date	Sample ID	Static Pressure (inW)	CO_2 (%)	O_2 (%)	HC (ppmv)	Volume Purged (ft^3)
On Base (Inside the Source Area)	SVMW-08	SVMW-08-050	04/05/21	SV08-050-212	1.7	1.72	16.68	6430	0.500
		SVMW-08-100	04/05/21	SV08-100-212	0.0	11.92	5.64	4	0.550
		SVMW-08-250	04/05/21	SV08-250-212	0.0	6.24	9.01	11440	0.767
	SVMW-09	SVMW-09-050	04/05/21	SV09-050-212	0.0	12.52	3.52	264	0.500
		SVMW-09-100	04/05/21	SV09-100-212	0.5	3.46	12.44	23240	0.550
		SVMW-09-250	04/05/21	SV09-250-212	2.1	1.30	16.41	10020	0.767
		SVMW-09-266	04/05/21	SV09-266-212	2.1	2.18	15.50	23110	0.783
	SVMW-10	SVMW-10-050	04/20/21	SV10-050-212	0.0	6.48	4.12	23370	0.533
		SVMW-10-100	04/20/21	SV10-100-212	0.0	1.86	11.27	3110	0.667
		SVMW-10-150	04/20/21	SV10-150-212	0.0	2.40	14.47	807	0.700
		SVMW-10-250	04/20/21	SV10-250-212	0.0	1.00	17.69	201	0.833
	SVMW-11	SVMW-11-050	04/20/21	SV11-050-212	0.4	3.42	11.07	4060	0.542
		SVMW-11-100	04/20/21	SV11-100-212	0.4	4.10	8.07	3250	0.583
		SVMW-11-250	04/20/21	SV11-250-212	0.4	1.84	15.77	622	0.833
		SVMW-11-260	04/20/21	SV11-260-212	0.3	1.02	3.78	178	0.792

[a] Purge rate was not recorded; volume purged is estimated.
-- = Parameter or analyte not required for analysis in Q2
AOI = area of interest
CO_2 = carbon dioxide
ft^3 = cubic foot
HC = hydrocarbon
ID = identification
inW = inches of water
O_2 = oxygen
ppmv = part per million by volume
Q2 = second quarter
SVEW = soil vapor extraction well
SVMW = soil vapor monitoring well

Table 4-2
Analytical Data from Off-Base Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106028-150			KAFB-106028-250			KAFB-106028-350			KAFB-106028-450			KAFB-106136-025			KAFB-106136-050		
	Field Sample ID:		SV028-150-212			SV028-250-212			SV028-350-212			SV028-450-212			SV136-025-212			SV136-050-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	0.47	J	1	0.36	J	0.77	0.38	J	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	1,1-dichloroethane	µg/m^3	ND	U	2	ND	U	1.5	5.1	--	1.5	2.8	J	1.8	ND	U	2.5	ND	U	3.3
	1,2,4-trichlorobenzene	µg/m^3	ND	U	2	ND	U	1.5	ND	U	1.4	ND	U	1.8	ND	U	2.4	ND	U	3.2
	1,2,4-trimethylbenzene	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	1.5	J	1.3	2.0	J	1.7
	1,2-dibromoethane	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	3.8	--	0.95	ND	U	1.3	ND	U	1.7
	1,2-dichloroethane	µg/m^3	ND	U	1	ND	U	0.77	1.0	J	0.77	1.6	J	0.95	ND	U	1.3	ND	U	1.7
	1,3,5-trimethylbenzene	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	1,3-butadiene	µg/m^3	ND	U	2	ND	U	1.5	ND	U	1.4	ND	U	1.8	ND	U	2.4	ND	U	3.2
	1,4-dioxane	µg/m^3	ND	U	1	ND	U	0.77	0.46	J	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	2-butanone	µg/m^3	ND	U	2	3.1	J	1.5	2.6	J	1.4	4.1	J	1.8	9.6	--	2.4	1.8	J	3.2
	2-hexanone	µg/m^3	ND	U	1	0.37	J	0.77	0.63	J	0.77	0.76	J	0.95	2.7	J	1.3	ND	U	1.7
	4-methyl-2-pentanone	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	Acetone	µg/m^3	ND	U	17	ND	U	12	16	J	12	ND	U	15	37	J	21	15	J	27
	Benzene	µg/m^3	0.89	J	1	0.45	J	0.77	1.2	J	0.77	0.55	J	0.95	0.79	J	1.3	ND	U	1.7
	Bromodichloromethane	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	1.4	J	1.3	1.9	J	1.7
	Bromoform	µg/m^3	ND	U	2	ND	U	1.5	ND	U	1.4	ND	U	1.8	ND	U	2.4	ND	U	3.2
	Carbon disulfide	µg/m^3	ND	U	3.3	ND	U	2.5	1.8	J	2.4	ND	U	3	ND	U	4.1	ND	U	5.3
	Carbon tetrachloride	µg/m^3	ND	U	1	ND	U	0.77	0.93	J	0.77	0.76	J	0.95	ND	U	1.3	ND	U	1.7
	Chloroethane	µg/m^3	ND	U	2	ND	U	1.5	8.0	--	1.4	15	--	1.8	ND	U	2.4	ND	U	3.2
	Chloroform	µg/m^3	ND	U	1	ND	U	0.77	0.71	J	0.77	0.79	J	0.95	5.8	--	1.3	7.1	--	1.7
	Chloromethane	µg/m^3	ND	U	2	ND	U	1.5	3.4	--	1.4	2.0	J	1.8	ND	U	2.4	ND	U	3.2
	Cyclohexane	µg/m^3	ND	U	2.1	ND	U	1.5	2.4	J	1.5	3.8	J	1.9	ND	U	2.6	ND	U	3.4
	Dibromochloromethane	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	Dichlorodifluoromethane	µg/m^3	6.1	--	2	8.9	--	1.5	5.1	--	1.4	3.4	--	1.8	2.4	J	2.4	2.6	J	3.2
	Ethanol	µg/m^3	11	J	5.1	12	J	3.8	4.8	J	3.7	10	J	4.6	17	J	6.3	15	J	8.2
	Ethyl acetate	µg/m^3	ND	U	4	ND	U	3	ND	U	2.9	ND	U	3.6	ND	U	5	ND	U	6.4
	Ethylbenzene	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	Hexane	µg/m^3	ND	U	2	ND	U	1.5	4.0	--	1.4	2.6	J	1.8	ND	U	2.4	ND	U	3.2
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	ND	U	3.9	7.3	--	2.9	ND	U	2.8	ND	U	3.5	2.3	J	4.8	ND	U	6.2
	m,p-Xylene	µg/m^3	ND	U	2.1	ND	U	1.5	ND	U	1.5	ND	U	1.9	1.2	J	2.6	1.5	J	3.4
	Methylene Chloride	µg/m^3	ND	U	2	ND	U	1.5	ND	U	1.4	ND	U	1.8	ND	U	2.4	ND	U	3.2
	Naphthalene	µg/m^3	ND	U	1.9	ND	U	1.4	ND	U	1.4	ND	U	1.7	1.4	J	2.4	3.2	J	3.1
	n-Heptane	µg/m^3	ND	U	2	ND	U	1.5	0.64	J	1.4	ND	U	1.8	ND	U	2.4	ND	U	3.2
	o-Xylene	µg/m^3	ND	U	1	ND	U	0.77	0.43	J	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	Propylene (propene)	µg/m^3	ND	U	2	1.2	J	1.5	2.1	J	1.4	6.7	--	1.8	1.7	J	2.4	ND	U	3.2
	Styrene	µg/m^3	ND	U	2	ND	U	1.5	ND	U	1.4	ND	U	1.8	ND	U	2.4	ND	U	3.2
	Tetrachloroethene	µg/m^3	0.78	J	1	ND	U	0.77	0.81	J	0.77	1.6	J	0.95	ND	U	1.3	ND	U	1.7
	Tetrahydrofuran	µg/m^3	24	--	1	6.2	--	0.77	2.6	J	0.77	0.93	J	0.95	ND	U	1.3	ND	U	1.7
	Toluene	µg/m^3	0.84	J	1	ND	U	0.77	1.2	J	0.77	0.94	J	0.95	1.4	J	1.3	1.5	J	1.7
	Trichloroethene	µg/m^3	ND	U	1	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	1.3	ND	U	1.7
	Trichlorofluoromethane	µg/m^3	2.1	J	2	3.0	--	1.5	4.2	--	1.4	2.6	J	1.8	1.3	J	2.4	1.4	J	3.2
	Vinyl chloride	µg/m^3	ND	U	1	ND	U	0.77	3.2	--	0.77	2.5	J	0.95	ND	U	1.3	ND	U	1.7
	Xylenes, Total	µg/m^3	ND	U	2.1	ND	U	1.5	ND	U	1.5	ND	U	1.9	1.2	J	2.6	1.5	J	3.4

Table 4-2
Analytical Data from Off-Base Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106136-150			KAFB-106136-250			KAFB-106136-350			KAFB-106136-450			KAFB-106138-025			KAFB-106138-050		
	Field Sample ID:		SV136-150-212			SV136-250-212			SV136-350-212			SV136-450-212			SV138-025-212			SV138-050-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.94	J	1.1	0.99	J	1	ND	U	1.1	ND	U	1.4	0.61	J	1.2	0.76	J	1.3
	1,1-dichloroethane	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.2	0.77	J	2.7	ND	U	2.4	ND	U	2.4
	1,2,4-trichlorobenzene	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	ND	U	2.6	ND	U	2.3	ND	U	2.4
	1,2,4-trimethylbenzene	µg/m³	1.8	J	1.1	1.8	J	1	1.4	J	1.1	2.1	J	1.4	11	--	1.2	1.9	J	1.3
	1,2-dibromoethane	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	ND	U	1.4	ND	U	1.2	ND	U	1.3
	1,2-dichloroethane	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	1.1	J	1.4	ND	U	1.2	ND	U	1.3
	1,3,5-trimethylbenzene	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	ND	U	1.4	2.1	J	1.2	ND	U	1.3
	1,3-butadiene	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	0.84	J	2.6	ND	U	2.3	ND	U	2.4
	1,4-dioxane	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	0.55	J	1.4	ND	U	1.2	0.93	J	1.3
	2-butanone	µg/m³	5.7	J	2.1	1.6	J	2	4.0	J	2.1	7.6	J	2.6	3.0	J	2.3	2.3	J	2.4
	2-hexanone	µg/m³	1.1	J	1.1	ND	U	1	0.76	J	1.1	0.71	J	1.4	0.91	J	1.2	ND	U	1.3
	4-methyl-2-pentanone	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	ND	U	1.4	ND	U	1.2	ND	U	1.3
	Acetone	µg/m³	31	J	17	8.2	J	17	29	J	18	81	--	22	17	J	20	33	J	20
	Benzene	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	4.2	J	1.4	0.57	J	1.2	0.58	J	1.3
	Bromodichloromethane	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	ND	U	1.4	ND	U	1.2	ND	U	1.3
	Bromoform	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	ND	U	2.6	ND	U	2.3	ND	U	2.4
	Carbon disulfide	µg/m³	5.8	J	3.5	4.6	J	3.3	6.3	J	3.6	140	--	4.4	29	--	3.9	27	--	4
	Carbon tetrachloride	µg/m³	2.0	J	1.1	3.1	J	1	1.6	J	1.1	1.1	J	1.4	ND	U	1.2	ND	U	1.3
	Chloroethane	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	4.0	J	2.6	ND	U	2.3	ND	U	2.4
	Chloroform	µg/m³	1.2	J	1.1	ND	U	1	ND	U	1.1	ND	U	1.4	0.61	J	1.2	ND	U	1.3
	Chloromethane	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	30	--	2.6	1.4	J	2.3	ND	U	2.4
	Cyclohexane	µg/m³	ND	U	2.2	ND	U	2.1	ND	U	2.2	ND	U	2.8	ND	U	2.5	ND	U	2.5
	Dibromochloromethane	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	ND	U	1.4	ND	U	1.2	ND	U	1.3
	Dichlorodifluoromethane	µg/m³	3.0	J	2.1	2.5	J	2	1.3	J	2.1	2.4	J	2.6	2.4	J	2.3	3.0	J	2.4
	Ethanol	µg/m³	7.3	J	5.4	5.5	J	5.1	11	J	5.5	96	--	6.8	11	J	6	12	J	6.1
	Ethyl acetate	µg/m³	ND	U	4.2	ND	U	4	ND	U	4.3	2.9	J	5.3	ND	U	4.7	ND	U	4.8
	Ethylbenzene	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	0.83	J	1.4	1.4	J	1.2	ND	U	1.3
	Hexane	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	3.1	J	2.6	ND	U	2.3	ND	U	2.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	4.1	ND	U	3.9	ND	U	4.1	3.5	J	5.1	ND	U	4.6	ND	U	4.7
	m,p-Xylene	µg/m³	1.2	J	2.2	1.2	J	2.1	ND	U	2.2	2.9	J	2.8	7.5	--	2.5	1.5	J	2.5
	Methylene Chloride	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	3.8	J	2.6	ND	U	2.3	ND	U	2.4
	Naphthalene	µg/m³	1.5	J	2	2.5	J	1.9	2.1	J	2	1.4	J	2.5	9.4	--	2.3	ND	U	2.3
	n-Heptane	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	1.4	J	2.6	0.73	J	2.3	ND	U	2.4
	o-Xylene	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	0.94	J	1.4	2.1	J	1.2	ND	U	1.3
	Propylene (propene)	µg/m³	1.1	J	2.1	ND	U	2	ND	U	2.1	ND	U	2.6	1.4	J	2.3	1.6	J	2.4
	Styrene	µg/m³	ND	U	2.1	ND	U	2	ND	U	2.1	ND	U	2.6	ND	U	2.3	ND	U	2.4
	Tetrachloroethene	µg/m³	0.70	J	1.1	0.85	J	1	ND	U	1.1	180	--	1.4	ND	U	1.2	1.9	J	1.3
	Tetrahydrofuran	µg/m³	1.6	J	1.1	1.9	J	1	8.2	--	1.1	44	--	1.4	0.54	J	1.2	ND	U	1.3
	Toluene	µg/m³	1.0	J	1.1	0.95	J	1	0.83	J	1.1	8.7	--	1.4	4.4	--	1.2	1.3	J	1.3
	Trichloroethene	µg/m³	ND	U	1.1	ND	U	1	0.75	J	1.1	ND	U	1.4	ND	U	1.2	1.0	J	1.3
	Trichlorofluoromethane	µg/m³	2.5	J	2.1	2.7	J	2	1.2	J	2.1	1.6	J	2.6	9.0	--	2.3	14	--	2.4
	Vinyl chloride	µg/m³	ND	U	1.1	ND	U	1	ND	U	1.1	7.4	--	1.4	ND	U	1.2	ND	U	1.3
	Xylenes, Total	µg/m³	1.2	J	2.2	1.2	J	2.1	ND	U	2.2	3.8	J	2.8	9.6	--	2.5	1.5	J	2.5

Table 4-2
Analytical Data from Off-Base Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106138-150			KAFB-106138-150			KAFB-106138-250			KAFB-106138-350			KAFB-106138-450			KAFB-106141-025		
	Field Sample ID:		SV138-150-212			SV138-150-612			SV138-250-212			SV138-350-212			SV138-450-212			SV141-025-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			Field Duplicate			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	6.6	--	0.78	6.4	--	1.1	6.6	--	0.86	4.1	--	0.96	1.5	J	0.96	0.66	J	0.83
	1,1-dichloroethane	µg/m³	ND	U	1.5	ND	U	2.1	ND	U	1.7	ND	U	1.9	ND	U	1.9	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.5	ND	U	2	ND	U	1.6	ND	U	1.8	ND	U	1.8	ND	U	1.6
	1,2,4-trimethylbenzene	µg/m³	1.5	J	0.78	11	--	1.1	1.0	J	0.86	2.9	J	0.96	1.1	J	0.96	7.1	--	0.83
	1,2-dibromoethane	µg/m³	ND	U	0.78	ND	U	1.1	ND	U	0.86	ND	U	0.96	ND	U	0.96	ND	U	0.83
	1,2-dichloroethane	µg/m³	ND	U	0.78	ND	U	1.1	ND	U	0.86	ND	U	0.96	ND	U	0.96	ND	U	0.83
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.78	1.9	J	1.1	ND	U	0.86	0.59	J	0.96	ND	U	0.96	1.2	J	0.83
	1,3-butadiene	µg/m³	ND	U	1.5	ND	U	2	ND	U	1.6	ND	U	1.8	ND	U	1.8	ND	U	1.6
	1,4-dioxane	µg/m³	0.79	J	0.78	ND	U	1.1	ND	U	0.86	ND	U	0.96	ND	U	0.96	0.39	J	0.83
	2-butanone	µg/m³	1.1	J	1.5	8.3	--	2	10	--	1.6	1.9	J	1.8	5.3	J	1.8	16	--	1.6
	2-hexanone	µg/m³	ND	U	0.78	1.6	J	1.1	2.0	J	0.86	0.41	J	0.96	1.4	J	0.96	1.7	J	0.83
	4-methyl-2-pentanone	µg/m³	ND	U	0.78	0.50	J	1.1	0.49	J	0.86	ND	U	0.96	ND	U	0.96	0.60	J	0.83
	Acetone	µg/m³	7.0	J	12	58	--	17	46	--	14	9.5	J	15	21	J	15	78	--	13
	Benzene	µg/m³	0.67	J	0.78	1.0	J	1.1	0.77	J	0.86	0.64	J	0.96	ND	U	0.96	0.69	J	0.83
	Bromodichloromethane	µg/m³	7.4	--	0.78	7.2	--	1.1	17	--	0.86	19	--	0.96	15	--	0.96	0.56	J	0.83
	Bromoform	µg/m³	ND	U	1.5	ND	U	2	ND	U	1.6	ND	U	1.8	ND	U	1.8	ND	U	1.6
	Carbon disulfide	µg/m³	8.5	J	2.5	51	J	3.4	89	--	2.7	6.9	--	3.1	7.1	--	3	4.3	J	2.6
	Carbon tetrachloride	µg/m³	3.2	--	0.78	3.1	J	1.1	3.7	--	0.86	3.4	--	0.96	5.1	--	0.96	0.69	J	0.83
	Chloroethane	µg/m³	ND	U	1.5	ND	U	2	ND	U	1.6	ND	U	1.8	ND	U	1.8	0.70	J	1.6
	Chloroform	µg/m³	39	--	0.78	38	--	1.1	76	--	0.86	93	--	0.96	44	--	0.96	5.8	--	0.83
	Chloromethane	µg/m³	ND	U	1.5	ND	U	2	ND	U	1.6	ND	U	1.8	ND	U	1.8	4.7	--	1.6
	Cyclohexane	µg/m³	ND	U	1.6	ND	U	2.1	ND	U	1.7	ND	U	1.9	ND	U	1.9	ND	U	1.7
	Dibromochloromethane	µg/m³	0.61	J	0.78	0.66	J	1.1	2.5	J	0.86	2.4	J	0.96	3.3	--	0.96	ND	U	0.83
	Dichlorodifluoromethane	µg/m³	6.1	--	1.5	6.0	--	2	5.2	--	1.6	2.8	J	1.8	1.6	J	1.8	16	--	1.6
	Ethanol	µg/m³	5.5	J	3.8	13	J	5.2	36	--	4.2	9.2	J	4.7	10	J	4.7	13	J	4
	Ethyl acetate	µg/m³	1.4	J	3	3.2	J	4.1	41	J	3.3	2.5	J	3.7	ND	U	3.7	2.1	J	3.2
	Ethylbenzene	µg/m³	ND	U	0.78	1.6	J	1.1	0.40	J	0.86	0.57	J	0.96	ND	U	0.96	0.78	J	0.83
	Hexane	µg/m³	ND	U	1.5	0.69	J	2	1.4	J	1.6	0.63	J	1.8	ND	U	1.8	0.59	J	1.6
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	2.9	3.5	J	4	12	--	3.2	ND	U	3.6	1.9	J	3.5	3.0	J	3.1
	m,p-Xylene	µg/m³	0.87	J	1.6	9.0	--	2.1	1.5	J	1.7	2.7	J	1.9	1.0	J	1.9	3.9	J	1.7
	Methylene Chloride	µg/m³	ND	U	1.5	ND	U	2	2.4	J	1.6	ND	U	1.8	ND	U	1.8	ND	U	1.6
	Naphthalene	µg/m³	1.0	J	1.4	3.0	J	2	ND	U	1.6	ND	U	1.8	0.82	J	1.7	3.3	--	1.5
	n-Heptane	µg/m³	ND	U	1.5	0.98	J	2	0.79	J	1.6	0.63	J	1.8	ND	U	1.8	0.44	J	1.6
	o-Xylene	µg/m³	ND	U	0.78	2.1	J	1.1	0.59	J	0.86	0.85	J	0.96	ND	U	0.96	1.2	J	0.83
	Propylene (propene)	µg/m³	ND	U	1.5	2.9	J	2	3.5	--	1.6	ND	U	1.8	0.95	J	1.8	2.5	J	1.6
	Styrene	µg/m³	ND	U	1.5	ND	U	2	ND	U	1.6	ND	U	1.8	ND	U	1.8	ND	U	1.6
	Tetrachloroethene	µg/m³	1.2	J	0.78	1.1	J	1.1	0.93	J	0.86	0.50	J	0.96	ND	U	0.96	1.1	J	0.83
	Tetrahydrofuran	µg/m³	0.51	J	0.78	3.1	J	1.1	0.71	J	0.86	0.72	J	0.96	ND	U	0.96	0.60	J	0.83
	Toluene	µg/m³	1.1	J	0.78	70	J	1.1	4.0	--	0.86	2.3	J	0.96	1.1	J	0.96	2.8	--	0.83
	Trichloroethene	µg/m³	4.2	--	0.78	4.1	--	1.1	6.9	--	0.86	6.9	--	0.96	2.5	J	0.96	ND	U	0.83
	Trichlorofluoromethane	µg/m³	21	--	1.5	20	--	2	18	--	1.6	5.3	--	1.8	1.4	J	1.8	15	--	1.6
	Vinyl chloride	µg/m³	ND	U	0.78	ND	U	1.1	ND	U	0.86	ND	U	0.96	ND	U	0.96	ND	U	0.83
	Xylenes, Total	µg/m³	0.87	J	1.6	11	--	2.1	2.1	J	1.7	3.6	J	1.9	1.0	J	1.9	5.1	--	1.7

Table 4-2
Analytical Data from Off-Base Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106141-050			KAFB-106141-170			KAFB-106141-250			KAFB-106141-350			KAFB-106141-450			KAFB-106142-030		
	Field Sample ID:		SV141-050-212			SV141-170-212			SV141-250-212			SV141-350-212			SV141-450-212			SV142-030-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.81	J	0.88	0.83	J	0.82	0.72	J	0.86	ND	U	0.91	ND	U	0.91	0.46	J	0.91
	1,1-dichloroethane	µg/m³	ND	U	1.7	ND	U	1.6	ND	U	1.7	ND	U	1.8	6.3	--	1.8	ND	U	1.8
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	ND	U	1.7	ND	U	1.7
	1,2,4-trimethylbenzene	µg/m³	1.5	J	0.88	1.5	J	0.82	1.9	J	0.86	1.1	J	0.91	1.2	J	0.91	16	--	0.91
	1,2-dibromoethane	µg/m³	ND	U	0.88	ND	U	0.82	ND	U	0.86	ND	U	0.91	ND	U	0.91	ND	U	0.91
	1,2-dichloroethane	µg/m³	ND	U	0.88	ND	U	0.82	ND	U	0.86	ND	U	0.91	2.8	--	0.91	ND	U	0.91
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.88	ND	U	0.82	ND	U	0.86	ND	U	0.91	ND	U	0.91	3.3	--	0.91
	1,3-butadiene	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	ND	U	1.7	ND	U	1.7
	1,4-dioxane	µg/m³	ND	U	0.88	ND	U	0.82	0.34	J	0.86	ND	U	0.91	ND	U	0.91	ND	U	0.91
	2-butanone	µg/m³	0.68	J	1.7	3.5	J	1.5	3.6	J	1.6	0.98	J	1.7	9.8	--	1.7	9.5	--	1.7
	2-hexanone	µg/m³	ND	U	0.88	0.72	J	0.82	0.84	J	0.86	ND	U	0.91	0.41	J	0.91	4.9	J	0.91
	4-methyl-2-pentanone	µg/m³	ND	U	0.88	ND	U	0.82	ND	U	0.86	ND	U	0.91	4.8	J	0.91	0.61	J	0.91
	Acetone	µg/m³	ND	U	14	21	J	13	21	J	14	ND	U	14	26	J	14	33	--	14
	Benzene	µg/m³	ND	U	0.88	ND	U	0.82	0.46	J	0.86	ND	U	0.91	1.5	J	0.91	0.91	J	0.91
	Bromodichloromethane	µg/m³	1.4	J	0.88	2.8	--	0.82	2.6	J	0.86	1.7	J	0.91	ND	U	0.91	ND	U	0.91
	Bromoform	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	ND	U	1.7	ND	U	1.7
	Carbon disulfide	µg/m³	ND	U	2.8	6.2	--	2.6	6.5	--	2.7	5.3	--	2.9	100	--	2.9	ND	U	2.9
	Carbon tetrachloride	µg/m³	1.0	J	0.88	1.1	J	0.82	1.2	J	0.86	0.68	J	0.91	0.68	J	0.91	ND	U	0.91
	Chloroethane	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	8.2	--	1.7	ND	U	1.7
	Chloroform	µg/m³	12	--	0.88	21	--	0.82	23	--	0.86	8.7	--	0.91	3.0	--	0.91	1.7	J	0.91
	Chloromethane	µg/m³	ND	U	1.7	0.42	J	1.5	0.52	J	1.6	ND	U	1.7	30	--	1.7	ND	U	1.7
	Cyclohexane	µg/m³	ND	U	1.8	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	1.8	ND	U	1.8
	Dibromochloromethane	µg/m³	ND	U	0.88	ND	U	0.82	0.53	J	0.86	ND	U	0.91	ND	U	0.91	ND	U	0.91
	Dichlorodifluoromethane	µg/m³	19	--	1.7	19	--	1.5	13	--	1.6	5.0	--	1.7	4.1	--	1.7	2.4	J	1.7
	Ethanol	µg/m³	2.0	J	4.3	8.8	J	4	15	J	4.2	2.9	J	4.4	3.9	J	4.4	16	J	4.4
	Ethyl acetate	µg/m³	ND	U	3.4	ND	U	3.1	2.4	J	3.3	ND	U	3.5	ND	U	3.5	ND	U	3.5
	Ethylbenzene	µg/m³	ND	U	0.88	ND	U	0.82	ND	U	0.86	ND	U	0.91	ND	U	0.91	2.4	J	0.91
	Hexane	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	0.61	J	1.7	0.67	J	1.7
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	3.3	1.1	J	3	4.1	J	3.2	ND	U	3.4	ND	U	3.4	2.8	J	3.4
	m,p-Xylene	µg/m³	0.91	J	1.8	0.91	J	1.6	1.4	J	1.7	0.79	J	1.8	0.96	J	1.8	10	--	1.8
	Methylene Chloride	µg/m³	ND	U	1.7	ND	U	1.5	1.8	J	1.6	ND	U	1.7	ND	U	1.7	0.85	J	1.7
	Naphthalene	µg/m³	2.0	J	1.6	0.97	J	1.5	1.7	J	1.6	1.2	J	1.7	1.4	J	1.7	32	--	1.7
	n-Heptane	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	0.91	J	1.7	1.2	J	1.7
	o-Xylene	µg/m³	ND	U	0.88	ND	U	0.82	0.44	J	0.86	ND	U	0.91	ND	U	0.91	3.4	--	0.91
	Propylene (propene)	µg/m³	ND	U	1.7	0.77	J	1.5	1.4	J	1.6	ND	U	1.7	ND	U	1.7	1.4	J	1.7
	Styrene	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.6	ND	U	1.7	ND	U	1.7	ND	U	1.7
	Tetrachloroethene	µg/m³	1.3	J	0.88	1.5	J	0.82	1.0	J	0.86	ND	U	0.91	0.39	J	0.91	ND	U	0.91
	Tetrahydrofuran	µg/m³	ND	U	0.88	1.0	J	0.82	8.5	--	0.86	3.7	J	0.91	150	--	0.91	ND	U	0.91
	Toluene	µg/m³	0.71	J	0.88	0.84	J	0.82	1.8	J	0.86	0.78	J	0.91	1.2	J	0.91	7.5	--	0.91
	Trichloroethene	µg/m³	ND	U	0.88	ND	U	0.82	0.46	J	0.86	ND	U	0.91	ND	U	0.91	ND	U	0.91
	Trichlorofluoromethane	µg/m³	21	--	1.7	23	--	1.5	22	--	1.6	9.0	--	1.7	6.5	--	1.7	1.4	J	1.7
	Vinyl chloride	µg/m³	ND	U	0.88	ND	U	0.82	ND	U	0.86	ND	U	0.91	9.5	--	0.91	ND	U	0.91
	Xylenes, Total	µg/m³	0.91	J	1.8	0.91	J	1.6	1.8	J	1.7	0.79	J	1.8	0.96	J	1.8	14	--	1.8

Table 4-2
Analytical Data from Off-Base Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106142-050			KAFB-106142-170			KAFB-106142-170			KAFB-106142-250			KAFB-106142-350			KAFB-106142-450		
	Field Sample ID:		SV142-050-212			SV142-170-212			SV142-170-612			SV142-250-212			SV142-350-212			SV142-450-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			Field Duplicate			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.46	J	0.94	0.58	J	0.75	0.57	J	1	0.58	J	0.85	ND	U	0.83	ND	U	3.6
	1,1-dichloroethane	µg/m³	ND	U	1.8	ND	U	1.5	ND	U	1.9	ND	U	1.6	ND	U	1.6	ND	U	7.1
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	1.9	ND	U	1.6	ND	U	1.6	ND	U	6.8
	1,2,4-trimethylbenzene	µg/m³	3.5	--	0.94	8.6	--	0.75	2.7	J	1	3.8	--	0.85	2.2	J	0.83	3.4	J	3.6
	1,2-dibromoethane	µg/m³	ND	U	0.94	ND	U	0.75	ND	U	1	ND	U	0.85	2.0	J	0.83	ND	U	3.6
	1,2-dichloroethane	µg/m³	ND	U	0.94	ND	U	0.75	ND	U	1	ND	U	0.85	0.43	J	0.83	ND	U	3.6
	1,3,5-trimethylbenzene	µg/m³	0.73	J	0.94	1.5	J	0.75	0.50	J	1	0.70	J	0.85	0.45	J	0.83	43	--	3.6
	1,3-butadiene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	1.9	ND	U	1.6	ND	U	1.6	ND	U	6.8
	1,4-dioxane	µg/m³	ND	U	0.94	ND	U	0.75	2.3	J	1	ND	U	0.85	1.7	J	0.83	ND	U	3.6
	2-butanone	µg/m³	6.1	--	1.8	7.6	--	1.4	12	--	1.9	2.5	J	1.6	6.7	--	1.6	3.9	J	6.8
	2-hexanone	µg/m³	1.1	J	0.94	1.9	J	0.75	1.1	J	1	0.72	J	0.85	0.93	J	0.83	ND	U	3.6
	4-methyl-2-pentanone	µg/m³	ND	U	0.94	0.60	J	0.75	0.80	J	1	ND	U	0.85	0.56	J	0.83	ND	U	3.6
	Acetone	µg/m³	18	J	15	40	--	12	33	--	16	16	J	13	46	--	13	ND	U	58
	Benzene	µg/m³	0.51	J	0.94	1.0	J	0.75	0.71	J	1	0.59	J	0.85	0.58	J	0.83	240	--	3.6
	Bromodichloromethane	µg/m³	ND	U	0.94	ND	U	0.75	ND	U	1	ND	U	0.85	3.4	--	0.83	ND	U	3.6
	Bromoform	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	1.9	ND	U	1.6	13	--	1.6	ND	U	6.8
	Carbon disulfide	µg/m³	34	--	3	8.1	--	2.4	120	--	3.2	6.7	--	2.7	9.8	--	2.6	23	--	12
	Carbon tetrachloride	µg/m³	ND	U	0.94	1.1	J	0.75	1.6	J	1	1.8	J	0.85	1.7	J	0.83	ND	U	3.6
	Chloroethane	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	1.9	ND	U	1.6	0.79	J	1.6	ND	U	6.8
	Chloroform	µg/m³	1.3	J	0.94	0.92	J	0.75	0.79	J	1	1.7	J	0.85	7.7	--	0.83	ND	U	3.6
	Chloromethane	µg/m³	ND	U	1.8	0.63	J	1.4	ND	U	1.9	ND	U	1.6	6.8	--	1.6	ND	U	6.8
	Cyclohexane	µg/m³	ND	U	1.9	1.3	J	1.5	ND	U	2	ND	U	1.7	ND	U	1.7	1500	--	7.3
	Dibromochloromethane	µg/m³	ND	U	0.94	ND	U	0.75	ND	U	1	ND	U	0.85	5.2	--	0.83	ND	U	3.6
	Dichlorodifluoromethane	µg/m³	2.4	J	1.8	17	--	1.4	23	--	1.9	22	--	1.6	4.7	--	1.6	3.7	J	6.8
	Ethanol	µg/m³	7.0	J	4.6	50	--	3.7	8.1	J	4.9	16	J	4.1	11	J	4.1	ND	U	18
	Ethyl acetate	µg/m³	ND	U	3.6	58	--	2.9	ND	U	3.8	2.1	J	3.2	2.6	J	3.2	ND	U	14
	Ethylbenzene	µg/m³	0.46	J	0.94	1.4	J	0.75	ND	U	1	0.45	J	0.85	0.68	J	0.83	16	--	3.6
	Hexane	µg/m³	ND	U	1.8	3.3	--	1.4	ND	U	1.9	ND	U	1.6	1.9	J	1.6	2000	--	340
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	1.6	J	3.5	22	--	2.8	1.4	J	3.7	1.5	J	3.1	1.6	J	3.1	5.1	J	13
	m,p-Xylene	µg/m³	2.0	J	1.9	6.1	--	1.5	1.6	J	2	2.1	J	1.7	2.0	J	1.7	17	J	7.3
	Methylene Chloride	µg/m³	ND	U	1.8	4.7	--	1.4	ND	U	1.9	ND	U	1.6	0.99	J	1.6	ND	U	6.8
	Naphthalene	µg/m³	14	--	1.7	5.8	--	1.4	2.6	J	1.8	7.2	--	1.5	2.1	J	1.5	ND	U	6.6
	n-Heptane	µg/m³	ND	U	1.8	2.2	J	1.4	ND	U	1.9	ND	U	1.6	0.71	J	1.6	1800	--	6.8
	o-Xylene	µg/m³	0.65	J	0.94	1.9	J	0.75	0.50	J	1	0.69	J	0.85	0.52	J	0.83	170	--	3.6
	Propylene (propene)	µg/m³	0.99	J	1.8	4.5	--	1.4	1.4	J	1.9	0.73	J	1.6	1.4	J	1.6	ND	U	6.8
	Styrene	µg/m³	ND	U	1.8	0.44	J	1.4	ND	U	1.9	ND	U	1.6	ND	U	1.6	ND	U	6.8
	Tetrachloroethene	µg/m³	ND	U	0.94	0.66	J	0.75	0.70	J	1	0.54	J	0.85	ND	U	0.83	ND	U	3.6
	Tetrahydrofuran	µg/m³	ND	U	0.94	1.0	J	0.75	1.1	J	1	1.7	J	0.85	3.8	J	0.83	1.6	J	3.6
	Toluene	µg/m³	1.4	J	0.94	9.9	--	0.75	1.3	J	1	1.4	J	0.85	1.3	J	0.83	120	--	3.6
	Trichloroethene	µg/m³	ND	U	0.94	ND	U	0.75	ND	U	1	ND	U	0.85	ND	U	0.83	ND	U	3.6
	Trichlorofluoromethane	µg/m³	1.5	J	1.8	13	--	1.4	18	--	1.9	18	--	1.6	6.5	--	1.6	4.0	J	6.8
	Vinyl chloride	µg/m³	ND	U	0.94	ND	U	0.75	ND	U	1	ND	U	0.85	ND	U	0.83	ND	U	3.6
	Xylenes, Total	µg/m³	2.6	J	1.9	8.0	--	1.5	2.1	J	2	2.8	J	1.7	2.5	J	1.7	190	--	7.3

Table 4-2
Analytical Data from Off-Base Soil Vapor Monitoring Points, Q2 2021

[a] Samples are collected from the screened intervals presented on Table 3-1.

µg/m^3 = microgram per cubic meter
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
ND = not detected
Q2 = second quarter
REG = normal field sample
Val Qual = validation qualifier
VOC = volatile organic compound
Shading = detected concentrations
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106108-025			KAFB-106108-050			KAFB-106108-150			KAFB-106108-250			KAFB-106108-350			KAFB-106108-350		
	Field Sample ID:		SV108-025-212			SV108-050-212			SV108-150-212			SV108-250-212			SV108-350-212			SV108-350-612		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			Field Duplicate		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	110	--	0.75	400	--	0.86	500	--	63	1100	J	1600	2100	--	5.7	1800	--	13
	1,1-dichloroethane	µg/m³	ND	U	1.5	ND	U	1.7	ND	U	120	ND	U	3000	ND	U	11	ND	U	25
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	1,2-dibromoethane	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	1,2-dichloroethane	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.75	ND	U	0.86	62	J	63	ND	U	1600	2.6	J	5.7	ND	U	13
	1,3-butadiene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	1,4-dioxane	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	2-butanone	µg/m³	4.9	--	1.4	5.4	--	1.6	ND	U	120	ND	U	2900	6.1	J	11	ND	U	25
	2-hexanone	µg/m³	0.59	J	0.75	0.59	J	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	4-methyl-2-pentanone	µg/m³	ND	U	0.75	ND	U	0.86	330	J	63	ND	U	1600	ND	U	5.7	ND	U	13
	Acetone	µg/m³	7.1	J	12	ND	U	14	ND	U	1000	ND	U	25000	ND	U	91	ND	U	210
	Benzene	µg/m³	ND	U	0.75	ND	U	0.86	1000	--	63	4200	J	1600	14	J	5.7	6.3	J	13
	Bromodichloromethane	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	Bromoform	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	Carbon disulfide	µg/m³	ND	U	2.4	ND	U	2.7	ND	U	200	ND	U	4900	11	J	18	15	J	41
	Carbon tetrachloride	µg/m³	8.3	--	0.75	42	--	0.86	54	J	63	ND	U	1600	86	--	5.7	72	--	13
	Chloroethane	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	Chloroform	µg/m³	ND	U	0.75	0.78	J	0.86	ND	U	63	ND	U	1600	14	J	5.7	12	J	13
	Chloromethane	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	Cyclohexane	µg/m³	ND	U	1.5	ND	U	1.7	150000	--	630	830000	--	3100	11000	--	38	11000	--	26
	Dibromochloromethane	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	Dichlorodifluoromethane	µg/m³	3.8	--	1.4	9.3	--	1.6	ND	U	120	ND	U	2900	8.1	J	11	ND	U	25
	Ethanol	µg/m³	21	J	3.7	16	J	4.2	ND	U	310	4700	J	7600	53	J	28	ND	U	64
	Ethyl acetate	µg/m³	ND	U	2.9	ND	U	3.3	ND	U	240	ND	U	5900	ND	U	22	ND	U	50
	Ethylbenzene	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	5.2	J	5.7	ND	U	13
	Hexane	µg/m³	ND	U	1.4	ND	U	1.6	110000	--	590	620000	--	2900	3500	--	11	3200	--	25
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	58	--	2.8	1.5	J	3.2	ND	U	230	ND	U	5800	420	--	21	ND	U	48
	m,p-Xylene	µg/m³	ND	U	1.5	ND	U	1.7	ND	U	130	ND	U	3100	20	J	11	18	J	26
	Methylene Chloride	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	Naphthalene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	110	ND	U	2800	ND	U	10	ND	U	24
	n-Heptane	µg/m³	ND	U	1.4	ND	U	1.6	25000	--	120	150000	--	2900	170	--	11	110	--	25
	o-Xylene	µg/m³	ND	U	0.75	ND	U	0.86	200	--	63	2000	J	1600	59	--	5.7	53	--	13
	Propylene (propene)	µg/m³	7.1	--	1.4	1.3	J	1.6	990	--	120	6300	--	2900	190	--	11	110	--	25
	Styrene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	120	ND	U	2900	ND	U	11	ND	U	25
	Tetrachloroethene	µg/m³	1.3	J	0.75	4.2	--	0.86	45	J	63	770	J	1600	15	J	5.7	13	J	13
	Tetrahydrofuran	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	3.0	J	5.7	ND	U	13
	Toluene	µg/m³	0.34	J	0.75	ND	U	0.86	290	--	63	ND	U	1600	47	--	5.7	39	J	13
	Trichloroethene	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	7.4	J	5.7	5.8	J	13
	Trichlorofluoromethane	µg/m³	1.8	J	1.4	4.2	--	1.6	ND	U	120	ND	U	2900	20	--	11	17	J	25
	Vinyl chloride	µg/m³	ND	U	0.75	ND	U	0.86	ND	U	63	ND	U	1600	ND	U	5.7	ND	U	13
	Xylenes, Total	µg/m³	ND	U	1.5	ND	U	1.7	200	J	130	2000	J	3100	79	--	11	71	J	26

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106108-450			KAFB-106109-025			KAFB-106109-050			KAFB-106109-150			KAFB-106109-250			KAFB-106109-350		
	Field Sample ID:		SV108-450-212			SV109-025-212			SV109-050-212			SV109-150-212			SV109-250-212			SV109-350-212		
	Sample Date:		4/19/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	580	--	8.1	6.3	--	0.77	23	--	0.77	140	--	0.95	250	--	0.7	240	--	0.93
	1,1-dichloroethane	µg/m³	1.2	J	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.8	ND	U	1.4	ND	U	1.8
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	0.84	J	1.7
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.81	ND	U	0.77	0.38	J	0.77	ND	U	0.95	0.55	J	0.7	ND	U	0.93
	1,2-dibromoethane	µg/m³	ND	U	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	1,2-dichloroethane	µg/m³	ND	U	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	1,3,5-trimethylbenzene	µg/m³	1.0	J	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	1,3-butadiene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	1,4-dioxane	µg/m³	ND	U	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	2-butanone	µg/m³	5.8	--	1.5	3.2	J	1.4	ND	U	1.5	1.7	J	1.8	8.7	--	1.3	8.1	--	1.7
	2-hexanone	µg/m³	ND	U	0.81	0.49	J	0.77	ND	U	0.77	ND	U	0.95	0.88	J	0.7	0.74	J	0.93
	4-methyl-2-pentanone	µg/m³	2.8	J	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	Acetone	µg/m³	ND	U	13	14	J	12	ND	U	12	8.5	J	15	ND	U	11	ND	U	15
	Benzene	µg/m³	15	--	0.81	0.40	J	0.77	0.46	J	0.77	1.9	J	0.95	2.4	--	0.7	9.4	--	0.93
	Bromodichloromethane	µg/m³	ND	U	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	Bromoform	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	Carbon disulfide	µg/m³	27	--	2.6	ND	U	2.4	0.98	J	2.5	3.7	J	3	2.4	J	2.2	9.4	--	2.9
	Carbon tetrachloride	µg/m³	32	--	0.81	ND	U	0.77	0.97	J	0.77	23	--	0.95	29	--	0.7	13	--	0.93
	Chloroethane	µg/m³	1.8	J	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	Chloroform	µg/m³	2.1	J	0.81	ND	U	0.77	ND	U	0.77	0.82	J	0.95	2.6	--	0.7	2.0	J	0.93
	Chloromethane	µg/m³	5.9	--	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	Cyclohexane	µg/m³	140	--	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.9	1.4	J	1.4	6.3	--	1.9
	Dibromochloromethane	µg/m³	ND	U	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	Dichlorodifluoromethane	µg/m³	3.3	--	1.5	2.3	J	1.4	3.3	--	1.5	48	--	1.8	26	--	1.3	15	--	1.7
	Ethanol	µg/m³	20	J	3.9	14	J	3.8	3.8	J	3.8	34	--	4.6	24	--	3.4	21	J	4.5
	Ethyl acetate	µg/m³	ND	U	3.1	4.0	J	2.9	3.7	J	3	140	--	3.6	ND	U	2.7	ND	U	3.5
	Ethylbenzene	µg/m³	0.96	J	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	Hexane	µg/m³	79	--	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	0.66	J	1.7
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	2.1	J	3	ND	U	2.9	ND	U	2.9	3.1	J	3.5	2.4	J	2.6	9.9	--	3.4
	m,p-Xylene	µg/m³	6.4	--	1.6	0.67	J	1.5	0.82	J	1.5	ND	U	1.9	0.87	J	1.4	ND	U	1.9
	Methylene Chloride	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	Naphthalene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	1.7	0.77	J	1.3	ND	U	1.7
	n-Heptane	µg/m³	58	--	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	o-Xylene	µg/m³	5.8	--	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	0.33	J	0.7	ND	U	0.93
	Propylene (propene)	µg/m³	3.7	--	1.5	0.82	J	1.4	0.71	J	1.5	8.0	--	1.8	3.9	--	1.3	8.1	--	1.7
	Styrene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.8	ND	U	1.3	ND	U	1.7
	Tetrachloroethene	µg/m³	10	--	0.81	0.68	J	0.77	0.38	J	0.77	15	--	0.95	13	--	0.7	5.0	--	0.93
	Tetrahydrofuran	µg/m³	7.0	--	0.81	ND	U	0.77	ND	U	0.77	1.4	J	0.95	2.3	J	0.7	9.0	--	0.93
	Toluene	µg/m³	68	--	0.81	1.0	J	0.77	1.1	J	0.77	3.4	--	0.95	1.2	J	0.7	1.4	J	0.93
	Trichloroethene	µg/m³	2.7	--	0.81	0.34	J	0.77	ND	U	0.77	180	--	0.95	110	--	0.7	120	--	0.93
	Trichlorofluoromethane	µg/m³	5.6	--	1.5	1.2	J	1.4	1.9	J	1.5	4.2	--	1.8	3.3	--	1.3	1.7	J	1.7
	Vinyl chloride	µg/m³	2.2	J	0.81	ND	U	0.77	ND	U	0.77	ND	U	0.95	ND	U	0.7	ND	U	0.93
	Xylenes, Total	µg/m³	12	--	1.6	0.67	J	1.5	0.82	J	1.5	ND	U	1.9	1.2	J	1.4	ND	U	1.9

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106109-450			KAFB-106109-450			KAFB-106110-025			KAFB-106110-050			KAFB-106110-150			KAFB-106110-250		
	Field Sample ID:		SV109-450-212			SV109-450-612			SV110-025-212			SV110-050-212			SV110-150-212			SV110-250-212		
	Sample Date:		4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021		
	Sample Type:		REG			Field Duplicate			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	21	--	0.83	23	--	0.74	9.7	--	0.87	34	--	0.73	ND	U	360	ND	U	2900
	1,1-dichloroethane	µg/m³	4.6	--	1.6	5.0	--	1.4	ND	U	1.7	ND	U	1.4	ND	U	700	ND	U	5600
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.4	ND	U	1.6	ND	U	1.4	ND	U	680	ND	U	5400
	1,2,4-trimethylbenzene	µg/m³	0.56	J	0.83	0.39	J	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	1,2-dibromoethane	µg/m³	ND	U	0.83	ND	U	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	1,2-dichloroethane	µg/m³	2.6	--	0.83	2.8	--	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.83	ND	U	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	1,3-butadiene	µg/m³	ND	U	1.6	0.44	J	1.4	ND	U	1.6	ND	U	1.4	ND	U	680	ND	U	5400
	1,4-dioxane	µg/m³	ND	U	0.83	ND	U	0.74	0.65	J	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	2-butanone	µg/m³	3.6	J	1.6	5.8	--	1.4	3.8	J	1.6	4.3	--	1.4	ND	U	680	ND	U	5400
	2-hexanone	µg/m³	0.57	J	0.83	0.67	J	0.74	0.89	J	0.87	1.0	J	0.73	ND	U	360	ND	U	2900
	4-methyl-2-pentanone	µg/m³	0.56	J	0.83	0.67	J	0.74	ND	U	0.87	0.41	J	0.73	ND	U	360	ND	U	2900
	Acetone	µg/m³	30	--	13	20	J	12	18	J	14	29	--	12	ND	U	5700	ND	U	46000
	Benzene	µg/m³	6.1	--	0.83	6.4	--	0.74	1.1	J	0.87	1.2	J	0.73	6700	--	360	93000	--	2900
	Bromodichloromethane	µg/m³	ND	U	0.83	ND	U	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.4	ND	U	1.6	ND	U	1.4	ND	U	680	ND	U	5400
	Carbon disulfide	µg/m³	91	--	2.6	98	--	2.3	3.8	J	2.8	8.7	--	2.3	ND	U	1100	ND	U	9200
	Carbon tetrachloride	µg/m³	1.3	J	0.83	1.8	J	0.74	7.4	--	0.87	23	--	0.73	ND	U	360	ND	U	2900
	Chloroethane	µg/m³	6.0	--	1.6	6.7	--	1.4	ND	U	1.6	ND	U	1.4	ND	U	680	ND	U	5400
	Chloroform	µg/m³	0.47	J	0.83	0.44	J	0.74	ND	U	0.87	0.48	J	0.73	ND	U	360	ND	U	2900
	Chloromethane	µg/m³	14	--	1.6	18	--	1.4	ND	U	1.6	0.82	J	1.4	ND	U	680	ND	U	5400
	Cyclohexane	µg/m³	ND	U	1.7	0.80	J	1.5	ND	U	1.7	1.5	J	1.5	230000	--	720	1200000	--	5800
	Dibromochloromethane	µg/m³	ND	U	0.83	ND	U	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	Dichlorodifluoromethane	µg/m³	2.8	--	1.6	2.2	J	1.4	5.2	--	1.6	13	--	1.4	ND	U	680	ND	U	5400
	Ethanol	µg/m³	44	--	4.1	6.0	J	3.6	16	J	4.2	24	--	3.5	1900	J	1800	9000	J	14000
	Ethyl acetate	µg/m³	ND	U	3.2	58	--	2.8	260	--	3.3	250	--	2.8	ND	U	1400	ND	U	11000
	Ethylbenzene	µg/m³	0.61	J	0.83	0.44	J	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	Hexane	µg/m³	1.4	J	1.6	1.2	J	1.4	ND	U	1.6	1.4	J	1.4	150000	--	680	1500000	--	5400
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	3.1	ND	U	2.7	3.9	J	3.2	8.5	--	2.7	ND	U	1300	ND	U	11000
	m,p-Xylene	µg/m³	2.3	J	1.7	1.6	J	1.5	ND	U	1.7	0.74	J	1.5	ND	U	720	15000	J	5800
	Methylene Chloride	µg/m³	1.6	J	1.6	ND	U	1.4	ND	U	1.6	1.6	J	1.4	ND	U	680	ND	U	5400
	Naphthalene	µg/m³	ND	U	1.5	ND	U	1.3	ND	U	1.6	ND	U	1.3	ND	U	650	ND	U	5300
	n-Heptane	µg/m³	0.88	J	1.6	0.72	J	1.4	ND	U	1.6	0.62	J	1.4	34000	--	680	1200000	--	5400
	o-Xylene	µg/m³	0.77	J	0.83	0.49	J	0.74	ND	U	0.87	ND	U	0.73	350	J	360	4900	J	2900
	Propylene (propene)	µg/m³	4.8	--	1.6	4.6	--	1.4	2.3	J	1.6	4.5	--	1.4	3500	--	680	10000	--	5400
	Styrene	µg/m³	ND	U	1.6	ND	U	1.4	ND	U	1.6	ND	U	1.4	ND	U	680	ND	U	5400
	Tetrachloroethene	µg/m³	0.98	J	0.83	0.93	J	0.74	2.1	J	0.87	3.0	--	0.73	430	J	360	2700	J	2900
	Tetrahydrofuran	µg/m³	30	--	0.83	48	--	0.74	1.5	J	0.87	2.6	J	0.73	ND	U	360	ND	U	2900
	Toluene	µg/m³	14	--	0.83	15	--	0.74	4.7	--	0.87	6.2	--	0.73	640	J	360	69000	--	2900
	Trichloroethene	µg/m³	13	--	0.83	16	--	0.74	0.86	J	0.87	ND	U	0.73	180	J	360	ND	U	2900
	Trichlorofluoromethane	µg/m³	0.71	J	1.6	0.38	J	1.4	1.4	J	1.6	2.3	--	1.4	ND	U	680	ND	U	5400
	Vinyl chloride	µg/m³	7.9	--	0.83	8.6	--	0.74	ND	U	0.87	ND	U	0.73	ND	U	360	ND	U	2900
	Xylenes, Total	µg/m³	3.1	J	1.7	2.1	J	1.5	ND	U	1.7	0.74	J	1.5	350	J	720	20000	--	5800

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106110-250			KAFB-106110-350			KAFB-106110-450			KAFB-106111-025			KAFB-106111-050			KAFB-106111-050		
	Field Sample ID:		SV110-250-612			SV110-350-212			SV110-450-212			SV111-025-212			SV111-050-212			SV111-050-612		
	Sample Date:		4/13/2021			4/13/2021			4/13/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		Field Duplicate			REG			REG			REG			REG			Field Duplicate		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	2000	220	J	240	29	J	21	85	--	24	130	J	94	98	J	90
	1,1-dichloroethane	µg/m³	ND	U	3900	ND	U	460	ND	U	41	ND	U	47	ND	U	180	ND	U	170
	1,2,4-trichlorobenzene	µg/m³	ND	U	3700	ND	U	450	ND	U	40	ND	U	45	ND	U	180	ND	U	170
	1,2,4-trimethylbenzene	µg/m³	ND	U	2000	ND	U	240	ND	U	21	14	J	24	100	J	94	ND	U	90
	1,2-dibromoethane	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	1,2-dichloroethane	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	1,3,5-trimethylbenzene	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	1,3-butadiene	µg/m³	ND	U	3700	ND	U	450	ND	U	40	ND	U	45	ND	U	180	ND	U	170
	1,4-dioxane	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	2-butanone	µg/m³	ND	U	3700	ND	U	450	ND	U	40	40	J	45	210	J	180	76	J	170
	2-hexanone	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	4-methyl-2-pentanone	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	Acetone	µg/m³	ND	U	32000	ND	U	3800	ND	U	340	290	J	380	4600	--	1500	650	J	1400
	Benzene	µg/m³	80000	--	2000	ND	U	240	560	--	21	22	J	24	1300	--	94	1200	--	90
	Bromodichloromethane	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	Bromoform	µg/m³	ND	U	3700	ND	U	450	ND	U	40	ND	U	45	ND	U	180	ND	U	170
	Carbon disulfide	µg/m³	ND	U	6300	ND	U	760	250	--	67	ND	U	76	ND	U	300	ND	U	290
	Carbon tetrachloride	µg/m³	ND	U	2000	ND	U	240	ND	U	21	69	J	24	100	J	94	72	J	90
	Chloroethane	µg/m³	ND	U	3700	ND	U	450	ND	U	40	ND	U	45	ND	U	180	ND	U	170
	Chloroform	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	Chloromethane	µg/m³	ND	U	3700	ND	U	450	44	J	40	ND	U	45	ND	U	180	ND	U	170
	Cyclohexane	µg/m³	1000000	--	4000	150000	--	480	11000	--	42	ND	U	48	99	J	190	ND	U	180
	Dibromochloromethane	µg/m³	ND	U	2000	ND	U	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	Dichlorodifluoromethane	µg/m³	ND	U	3700	330	J	450	41	J	40	60	J	45	200	J	180	83	J	170
	Ethanol	µg/m³	ND	U	9700	ND	U	1200	ND	U	100	1400	--	120	7900	--	460	3100	--	440
	Ethyl acetate	µg/m³	ND	U	7600	ND	U	910	ND	U	81	50	J	92	210	J	360	160	J	340
	Ethylbenzene	µg/m³	ND	U	2000	ND	U	240	34	J	21	14	J	24	92	J	94	ND	U	90
	Hexane	µg/m³	1200000	--	3700	100000	--	450	13000	--	120	39	J	45	220	J	180	69	J	170
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	7400	ND	U	890	ND	U	79	86	J	89	1600	--	350	410	J	330
	m,p-Xylene	µg/m³	13000	--	4000	ND	U	480	150	--	42	40	J	48	290	J	190	90	J	180
	Methylene Chloride	µg/m³	ND	U	3700	ND	U	450	ND	U	40	250	--	45	1000	--	180	400	--	170
	Naphthalene	µg/m³	ND	U	3600	ND	U	440	ND	U	39	ND	U	44	ND	U	170	ND	U	160
	n-Heptane	µg/m³	1000000	--	3700	6500	--	450	10000	--	40	19	J	45	110	J	180	ND	U	170
	o-Xylene	µg/m³	4600	J	2000	ND	U	240	32	J	21	15	J	24	110	J	94	ND	U	90
	Propylene (propene)	µg/m³	8200	--	3700	1700	--	450	190	--	40	ND	U	45	710	--	180	ND	U	170
	Styrene	µg/m³	ND	U	3700	ND	U	450	ND	U	40	ND	U	45	ND	U	180	ND	U	170
	Tetrachloroethene	µg/m³	1900	J	2000	240	J	240	ND	U	21	ND	U	24	ND	U	94	ND	U	90
	Tetrahydrofuran	µg/m³	ND	U	2000	ND	U	240	71	J	21	ND	U	24	42	J	94	ND	U	90
	Toluene	µg/m³	60000	--	2000	310	J	240	840	--	21	130	--	24	440	--	94	ND	U	90
	Trichloroethene	µg/m³	ND	U	2000	ND	U	240	ND	U	21	33	J	24	ND	U	94	ND	U	90
	Trichlorofluoromethane	µg/m³	ND	U	3700	ND	U	450	ND	U	40	17	J	45	93	J	180	ND	U	170
	Vinyl chloride	µg/m³	ND	U	2000	ND	U	240	8.2	J	21	14	J	24	ND	U	94	ND	U	90
	Xylenes, Total	µg/m³	18000	--	4000	ND	U	480	180	--	42	55	J	48	400	J	190	90	J	180

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106111-150			KAFB-106111-250			KAFB-106111-350			KAFB-106111-450			KAFB-106112-025			KAFB-106112-050		
	Field Sample ID:		SV111-150-212			SV111-250-212			SV111-350-212			SV111-450-212			SV112-025-212			SV112-050-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	110	J	110	230	J	300	ND	U	1300	270	J	85	62	--	0.79	69	--	0.81
	1,1-dichloroethane	µg/m³	ND	U	210	ND	U	570	ND	U	2400	ND	U	170	ND	U	1.5	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m³	ND	U	200	ND	U	560	ND	U	2400	ND	U	160	ND	U	1.5	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	0.49	J	0.79	0.64	J	0.81
	1,2-dibromoethane	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	1,2-dichloroethane	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	1,3,5-trimethylbenzene	µg/m³	ND	U	110	1100	--	300	2100	J	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	1,3-butadiene	µg/m³	ND	U	200	ND	U	560	ND	U	2400	ND	U	160	ND	U	1.5	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	2-butanone	µg/m³	110	J	200	290	J	560	1100	J	2400	82	J	160	0.72	J	1.5	3.6	J	1.5
	2-hexanone	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	0.37	J	0.81
	4-methyl-2-pentanone	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	Acetone	µg/m³	800	J	1700	ND	U	4700	ND	U	20000	ND	U	1400	ND	U	13	8.6	J	13
	Benzene	µg/m³	2500	--	110	44000	--	300	140000	--	1300	6900	--	85	0.49	J	0.79	0.64	J	0.81
	Bromodichloromethane	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	Bromoform	µg/m³	ND	U	200	ND	U	560	ND	U	2400	ND	U	160	ND	U	1.5	ND	U	1.5
	Carbon disulfide	µg/m³	ND	U	340	ND	U	940	ND	U	4000	190	J	270	1.2	J	2.5	2.4	J	2.6
	Carbon tetrachloride	µg/m³	94	J	110	230	J	300	ND	U	1300	ND	U	85	17	--	0.79	21	--	0.81
	Chloroethane	µg/m³	ND	U	200	ND	U	560	ND	U	2400	ND	U	160	ND	U	1.5	ND	U	1.5
	Chloroform	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	8.2	--	0.79	11	--	0.81
	Chloromethane	µg/m³	ND	U	200	ND	U	560	ND	U	2400	83	J	160	ND	U	1.5	ND	U	1.5
	Cyclohexane	µg/m³	170	J	220	83000	--	590	730000	--	2500	13000	--	170	ND	U	1.6	ND	U	1.6
	Dibromochloromethane	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	Dichlorodifluoromethane	µg/m³	100	J	200	200	J	560	950	J	2400	520	--	160	12	--	1.5	14	--	1.5
	Ethanol	µg/m³	3300	J	530	12000	--	1400	58000	--	6100	6300	--	420	5.5	J	3.9	13	J	4
	Ethyl acetate	µg/m³	ND	U	410	780	J	1100	3900	J	4800	230	J	330	14	--	3	ND	U	3.1
	Ethylbenzene	µg/m³	ND	U	110	ND	U	300	1900	J	1300	130	J	85	ND	U	0.79	1.3	J	0.81
	Hexane	µg/m³	120	J	200	25000	--	560	610000	--	2400	10000	--	160	ND	U	1.5	0.58	J	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	300	J	400	1200	J	1100	5400	J	4600	290	J	320	ND	U	2.9	1.3	J	3
	m,p-Xylene	µg/m³	99	J	220	550	J	590	4100	J	2500	330	J	170	ND	U	1.6	1.3	J	1.6
	Methylene Chloride	µg/m³	350	--	200	940	--	560	3700	J	2400	260	J	160	ND	U	1.5	ND	U	1.5
	Naphthalene	µg/m³	ND	U	200	ND	U	540	ND	U	2300	ND	U	160	ND	U	1.4	ND	U	1.5
	n-Heptane	µg/m³	54	J	200	2900	--	560	190000	--	2400	4300	--	160	ND	U	1.5	0.46	J	1.5
	o-Xylene	µg/m³	ND	U	110	2800	--	300	13000	--	1300	140	J	85	ND	U	0.79	0.49	J	0.81
	Propylene (propene)	µg/m³	ND	U	200	ND	U	560	5900	--	2400	ND	U	160	0.64	J	1.5	1.4	J	1.5
	Styrene	µg/m³	ND	U	200	ND	U	560	ND	U	2400	ND	U	160	ND	U	1.5	ND	U	1.5
	Tetrachloroethene	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	1.4	J	0.79	1.4	J	0.81
	Tetrahydrofuran	µg/m³	ND	U	110	ND	U	300	ND	U	1300	46	J	85	1.4	J	0.79	5.5	--	0.81
	Toluene	µg/m³	ND	U	110	ND	U	300	20000	--	1300	3100	--	85	1.1	J	0.79	1.4	J	0.81
	Trichloroethene	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	Trichlorofluoromethane	µg/m³	ND	U	200	ND	U	560	ND	U	2400	74	J	160	3.9	--	1.5	4.3	--	1.5
	Vinyl chloride	µg/m³	ND	U	110	ND	U	300	ND	U	1300	ND	U	85	ND	U	0.79	ND	U	0.81
	Xylenes, Total	µg/m³	99	J	220	3300	--	590	17000	--	2500	470	J	170	ND	U	1.6	1.8	J	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106112-150			KAFB-106112-250			KAFB-106112-350			KAFB-106112-450			KAFB-106112-450			KAFB-106113-020		
	Field Sample ID:		SV112-150-212			SV112-250-212			SV112-350-212			SV112-450-212			SV112-450-612			SV113-020-212		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/13/2021		
	Sample Type:		REG			REG			REG			REG			Field Duplicate			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	23	--	0.72	58	--	0.79	29	--	0.74	120	J	160	120	J	150	1.5	J	0.76
	1,1-dichloroethane	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	300	ND	U	280	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.72	ND	U	0.79	4.8	--	0.74	940	--	160	740	--	150	30	--	0.76
	1,2-dibromoethane	µg/m³	ND	U	0.72	ND	U	0.79	0.54	J	0.74	ND	U	160	ND	U	150	ND	U	0.76
	1,2-dichloroethane	µg/m³	ND	U	0.72	ND	U	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.72	0.46	J	0.79	1.6	J	0.74	1200	--	160	1100	--	150	6.4	--	0.76
	1,3-butadiene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	1,4-dioxane	µg/m³	0.49	J	0.72	4.6	--	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	2-butanone	µg/m³	4.3	--	1.4	7.3	--	1.5	1.4	J	1.4	ND	U	290	ND	U	270	2.7	J	1.4
	2-hexanone	µg/m³	0.98	J	0.72	ND	U	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	4-methyl-2-pentanone	µg/m³	0.36	J	0.72	0.38	J	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	Acetone	µg/m³	18	J	11	40	--	13	8.5	J	12	ND	U	2500	ND	U	2300	10	J	12
	Benzene	µg/m³	1.0	J	0.72	13	--	0.79	12	--	0.74	17000	--	160	19000	--	150	0.49	J	0.76
	Bromodichloromethane	µg/m³	ND	U	0.72	ND	U	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	Bromoform	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	Carbon disulfide	µg/m³	7.4	--	2.3	31	--	2.5	4.9	--	2.3	ND	U	490	ND	U	460	1.7	J	2.4
	Carbon tetrachloride	µg/m³	6.1	--	0.72	22	--	0.79	14	--	0.74	ND	U	160	ND	U	150	2.6	--	0.76
	Chloroethane	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	Chloroform	µg/m³	1.5	J	0.72	ND	U	0.79	ND	U	0.74	ND	U	160	ND	U	150	1.2	J	0.76
	Chloromethane	µg/m³	ND	U	1.4	0.59	J	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	Cyclohexane	µg/m³	ND	U	1.4	1.5	J	1.6	2.9	J	1.5	210000	--	1200	250000	--	1200	4.6	--	1.5
	Dibromochloromethane	µg/m³	ND	U	0.72	ND	U	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	Dichlorodifluoromethane	µg/m³	12	--	1.4	11	--	1.5	26	--	1.4	ND	U	290	ND	U	270	4.9	--	1.4
	Ethanol	µg/m³	18	J	3.5	20	J	3.9	4.0	J	3.6	ND	U	760	ND	U	710	10	J	3.7
	Ethyl acetate	µg/m³	5.1	--	2.8	81	--	3	ND	U	2.8	ND	U	590	ND	U	560	1.9	J	2.9
	Ethylbenzene	µg/m³	0.45	J	0.72	1.2	J	0.79	7.0	--	0.74	1500	--	160	1500	--	150	3.2	--	0.76
	Hexane	µg/m³	0.48	J	1.4	ND	U	1.5	1.3	J	1.4	100000	--	1200	130000	--	1100	6.2	--	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	1.7	J	2.7	10	--	2.9	ND	U	2.7	ND	U	580	ND	U	540	ND	U	2.8
	m,p-Xylene	µg/m³	1.4	J	1.4	2.8	J	1.6	20	--	1.5	9100	--	310	9300	--	290	19	--	1.5
	Methylene Chloride	µg/m³	2.0	J	1.4	ND	U	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	Naphthalene	µg/m³	ND	U	1.3	ND	U	1.4	1.0	J	1.3	ND	U	280	ND	U	270	9.5	--	1.4
	n-Heptane	µg/m³	0.65	J	1.4	ND	U	1.5	3.1	--	1.4	110000	--	1200	130000	--	1100	5.1	--	1.4
	o-Xylene	µg/m³	0.40	J	0.72	1.8	J	0.79	7.9	--	0.74	6100	--	160	6200	--	150	5.3	--	0.76
	Propylene (propene)	µg/m³	1.4	J	1.4	2.5	--	1.5	1.0	J	1.4	730	--	290	1200	--	270	0.69	J	1.4
	Styrene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	290	ND	U	270	ND	U	1.4
	Tetrachloroethene	µg/m³	28	--	0.72	3.2	--	0.79	2.7	--	0.74	69	J	160	63	J	150	1.8	J	0.76
	Tetrahydrofuran	µg/m³	4.8	--	0.72	3.0	J	0.79	0.76	J	0.74	ND	U	160	ND	U	150	0.39	J	0.76
	Toluene	µg/m³	5.4	--	0.72	26	--	0.79	60	--	0.74	18000	--	160	19000	--	150	3.8	--	0.76
	Trichloroethene	µg/m³	ND	U	0.72	ND	U	0.79	0.99	J	0.74	ND	U	160	ND	U	150	ND	U	0.76
	Trichlorofluoromethane	µg/m³	2.6	--	1.4	3.6	--	1.5	5.0	--	1.4	ND	U	290	ND	U	270	1.3	J	1.4
	Vinyl chloride	µg/m³	ND	U	0.72	ND	U	0.79	ND	U	0.74	ND	U	160	ND	U	150	ND	U	0.76
	Xylenes, Total	µg/m³	1.8	J	1.4	4.6	J	1.6	28	--	1.5	15000	--	310	16000	--	290	24	--	1.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106113-050			KAFB-106113-150			KAFB-106113-250			KAFB-106113-350			KAFB-106113-450			KAFB-106114-025		
	Field Sample ID:		SV113-050-212			SV113-150-212			SV113-250-212			SV113-350-212			SV113-450-212			SV114-025-212		
	Sample Date:		4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	3.5	--	0.79	2.6	--	0.77	4.4	--	0.74	ND	U	41	ND	U	210	49	--	0.78
	1,1-dichloroethane	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	80	ND	U	400	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	78	ND	U	390	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	6.6	--	0.79	5.3	--	0.77	3.1	--	0.74	24	J	41	4100	--	210	ND	U	0.78
	1,2-dibromoethane	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	170	J	210	ND	U	0.78
	1,2-dichloroethane	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	ND	U	210	ND	U	0.78
	1,3,5-trimethylbenzene	µg/m³	1.4	J	0.79	1.2	J	0.77	0.66	J	0.74	81	J	41	3700	--	210	0.43	J	0.78
	1,3-butadiene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	78	ND	U	390	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	ND	U	210	ND	U	0.78
	2-butanone	µg/m³	6.5	--	1.5	6.4	--	1.4	4.7	--	1.4	ND	U	78	ND	U	390	2.2	J	1.5
	2-hexanone	µg/m³	0.60	J	0.79	0.57	J	0.77	0.39	J	0.74	ND	U	41	ND	U	210	ND	U	0.78
	4-methyl-2-pentanone	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	ND	U	210	ND	U	0.78
	Acetone	µg/m³	11	J	13	16	J	12	ND	U	12	ND	U	660	ND	U	3300	14	J	12
	Benzene	µg/m³	ND	U	0.79	0.62	J	0.77	7.4	--	0.74	1700	--	41	38000	--	210	2.5	--	0.78
	Bromodichloromethane	µg/m³	2.7	--	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	ND	U	210	ND	U	0.78
	Bromoform	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	78	ND	U	390	ND	U	1.5
	Carbon disulfide	µg/m³	ND	U	2.5	13	--	2.4	14	--	2.4	ND	U	130	ND	U	660	ND	U	2.5
	Carbon tetrachloride	µg/m³	16	--	0.79	19	--	0.77	24	--	0.74	ND	U	41	ND	U	210	40	--	0.78
	Chloroethane	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	78	ND	U	390	ND	U	1.5
	Chloroform	µg/m³	31	--	0.79	3.0	--	0.77	3.1	--	0.74	ND	U	41	ND	U	210	0.94	J	0.78
	Chloromethane	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	78	ND	U	390	ND	U	1.5
	Cyclohexane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	8000	--	83	86000	--	420	2.9	J	1.6
	Dibromochloromethane	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	ND	U	210	ND	U	0.78
	Dichlorodifluoromethane	µg/m³	11	--	1.5	18	--	1.4	49	--	1.4	300	--	78	620	J	390	300	--	1.5
	Ethanol	µg/m³	24	J	3.9	29	--	3.8	14	J	3.6	880	J	200	ND	U	1000	20	J	3.8
	Ethyl acetate	µg/m³	ND	U	3	1.4	J	2.9	ND	U	2.8	680	--	160	ND	U	800	52	J	3
	Ethylbenzene	µg/m³	0.62	J	0.79	0.57	J	0.77	0.66	J	0.74	36	J	41	4900	--	210	0.35	J	0.78
	Hexane	µg/m³	0.71	J	1.5	ND	U	1.4	0.52	J	1.4	2300	--	78	70000	--	390	3.9	--	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	150	--	2.9	480	--	2.9	1.0	J	2.8	ND	U	150	290	J	770	3.8	J	2.9
	m,p-Xylene	µg/m³	3.6	J	1.6	3.2	J	1.5	2.2	J	1.5	120	J	83	20000	--	420	1.1	J	1.6
	Methylene Chloride	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	72	J	78	ND	U	390	ND	U	1.5
	Naphthalene	µg/m³	2.3	J	1.4	1.8	J	1.4	1.1	J	1.4	ND	U	75	ND	U	380	ND	U	1.4
	n-Heptane	µg/m³	0.52	J	1.5	ND	U	1.4	0.40	J	1.4	180	--	78	71000	--	390	2.4	J	1.5
	o-Xylene	µg/m³	1.0	J	0.79	0.89	J	0.77	0.60	J	0.74	150	--	41	8000	--	210	1.3	J	0.78
	Propylene (propene)	µg/m³	47	--	1.5	120	--	1.4	0.85	J	1.4	720	--	78	6700	--	390	2.0	J	1.5
	Styrene	µg/m³	ND	U	1.5	ND	U	1.4	ND	U	1.4	ND	U	78	ND	U	390	ND	U	1.5
	Tetrachloroethene	µg/m³	3.1	--	0.79	2.2	J	0.77	0.39	J	0.74	45	J	41	190	J	210	12	--	0.78
	Tetrahydrofuran	µg/m³	ND	U	0.79	13	--	0.77	3.5	J	0.74	ND	U	41	ND	U	210	0.75	J	0.78
	Toluene	µg/m³	0.90	J	0.79	1.4	J	0.77	4.0	--	0.74	1000	--	41	69000	--	210	3.8	--	0.78
	Trichloroethene	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	26	J	41	ND	U	210	ND	U	0.78
	Trichlorofluoromethane	µg/m³	1.5	J	1.5	1.6	J	1.4	3.6	--	1.4	46	J	78	ND	U	390	41	--	1.5
	Vinyl chloride	µg/m³	ND	U	0.79	ND	U	0.77	ND	U	0.74	ND	U	41	ND	U	210	ND	U	0.78
	Xylenes, Total	µg/m³	4.6	J	1.6	4.1	J	1.5	2.8	J	1.5	270	--	83	28000	--	420	2.4	J	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106114-050			KAFB-106114-150			KAFB-106114-250			KAFB-106114-250			KAFB-106114-350			KAFB-106114-450		
	Field Sample ID:		SV114-050-212			SV114-150-212			SV114-250-212			SV114-250-612			SV114-350-212			SV114-450-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			Field Duplicate			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	54	--	0.84	27	--	0.84	24	--	0.8	24	--	0.8	140	--	8.6	ND	U	610
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	17	ND	U	1200
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	16	ND	U	1200
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.84	ND	U	0.84	0.78	J	0.8	ND	U	0.8	ND	U	8.6	8400	--	610
	1,2-dibromoethane	µg/m³	ND	U	0.84	ND	U	0.84	ND	U	0.8	ND	U	0.8	ND	U	8.6	ND	U	610
	1,2-dichloroethane	µg/m³	ND	U	0.84	ND	U	0.84	ND	U	0.8	ND	U	0.8	ND	U	8.6	ND	U	610
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.84	ND	U	0.84	ND	U	0.8	ND	U	0.8	ND	U	8.6	7300	--	610
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	16	ND	U	1200
	1,4-dioxane	µg/m³	ND	U	0.84	0.48	J	0.84	0.30	J	0.8	1.2	J	0.8	ND	U	8.6	ND	U	610
	2-butanone	µg/m³	1.6	J	1.6	1.1	J	1.6	13	--	1.5	2.1	J	1.5	ND	U	16	480	J	1200
	2-hexanone	µg/m³	ND	U	0.84	ND	U	0.84	0.70	J	0.8	0.49	J	0.8	ND	U	8.6	ND	U	610
	4-methyl-2-pentanone	µg/m³	ND	U	0.84	ND	U	0.84	0.38	J	0.8	ND	U	0.8	ND	U	8.6	ND	U	610
	Acetone	µg/m³	9.9	J	13	22	J	13	8.5	J	13	11	J	13	ND	U	140	ND	U	9700
	Benzene	µg/m³	0.71	J	0.84	0.62	J	0.84	0.80	J	0.8	0.86	J	0.8	14	J	8.6	15000	--	610
	Bromodichloromethane	µg/m³	ND	U	0.84	ND	U	0.84	ND	U	0.8	ND	U	0.8	ND	U	8.6	ND	U	610
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	16	ND	U	1200
	Carbon disulfide	µg/m³	1.3	J	2.7	8.2	--	2.7	12	--	2.6	28	--	2.5	ND	U	27	ND	U	1900
	Carbon tetrachloride	µg/m³	44	--	0.84	21	--	0.84	72	--	0.8	72	--	0.8	9.2	J	8.6	ND	U	610
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	16	ND	U	1200
	Chloroform	µg/m³	0.85	J	0.84	0.90	J	0.84	5.9	--	0.8	6.1	--	0.8	ND	U	8.6	ND	U	610
	Chloromethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	16	ND	U	1200
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	17	280000	--	1200
	Dibromochloromethane	µg/m³	ND	U	0.84	ND	U	0.84	ND	U	0.8	ND	U	0.8	ND	U	8.6	ND	U	610
	Dichlorodifluoromethane	µg/m³	340	--	1.6	260	--	1.6	320	--	1.5	310	--	1.5	2700	--	16	3100	--	1200
	Ethanol	µg/m³	13	J	4.1	4.9	J	4.1	11	J	3.9	5.1	J	3.9	ND	U	42	18000	J	3000
	Ethyl acetate	µg/m³	12	J	3.2	ND	U	3.2	5.1	J	3.1	ND	U	3.1	ND	U	33	1300	J	2300
	Ethylbenzene	µg/m³	ND	U	0.84	ND	U	0.84	2.5	--	0.8	ND	U	0.8	ND	U	8.6	6700	--	610
	Hexane	µg/m³	0.63	J	1.6	ND	U	1.6	0.63	J	1.5	0.74	J	1.5	ND	U	16	210000	--	1200
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	1.9	J	3.1	ND	U	3.1	5.4	--	3	ND	U	3	ND	U	32	2100	J	2300
	m,p-Xylene	µg/m³	ND	U	1.7	0.75	J	1.7	3.9	J	1.6	ND	U	1.6	ND	U	17	60000	--	1200
	Methylene Chloride	µg/m³	ND	U	1.6	ND	U	1.6	2.6	--	1.5	ND	U	1.5	ND	U	16	1800	J	1200
	Naphthalene	µg/m³	ND	U	1.5	ND	U	1.5	4.7	--	1.5	ND	U	1.5	ND	U	16	ND	U	1100
	n-Heptane	µg/m³	0.55	J	1.6	ND	U	1.6	0.55	J	1.5	0.59	J	1.5	ND	U	16	480000	--	3800
	o-Xylene	µg/m³	ND	U	0.84	ND	U	0.84	0.95	J	0.8	ND	U	0.8	ND	U	8.6	35000	--	610
	Propylene (propene)	µg/m³	1.5	J	1.6	0.93	J	1.6	2.6	--	1.5	2.0	J	1.5	19	J	16	14000	--	1200
	Styrene	µg/m³	ND	U	1.6	ND	U	1.6	0.52	J	1.5	ND	U	1.5	ND	U	16	ND	U	1200
	Tetrachloroethene	µg/m³	1.1	J	0.84	1.0	J	0.84	1.0	J	0.8	0.90	J	0.8	5.5	J	8.6	ND	U	610
	Tetrahydrofuran	µg/m³	14	--	0.84	2.1	J	0.84	7.2	--	0.8	2.5	J	0.8	ND	U	8.6	ND	U	610
	Toluene	µg/m³	2.9	--	0.84	1.3	J	0.84	3.8	--	0.8	1.0	J	0.8	ND	U	8.6	80000	--	610
	Trichloroethene	µg/m³	ND	U	0.84	ND	U	0.84	0.94	J	0.8	0.88	J	0.8	ND	U	8.6	ND	U	610
	Trichlorofluoromethane	µg/m³	44	--	1.6	24	--	1.6	27	--	1.5	28	--	1.5	420	--	16	630	J	1200
	Vinyl chloride	µg/m³	ND	U	0.84	ND	U	0.84	ND	U	0.8	ND	U	0.8	ND	U	8.6	ND	U	610
	Xylenes, Total	µg/m³	ND	U	1.7	0.75	J	1.7	4.9	--	1.6	ND	U	1.6	ND	U	17	94000	--	1200

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106115-025			KAFB-106115-025			KAFB-106115-050			KAFB-106115-150			KAFB-106115-250			KAFB-106115-350		
	Field Sample ID:		SV115-025-212			SV115-025-612			SV115-050-212			SV115-150-212			SV115-250-212			SV115-350-212		
	Sample Date:		4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021		
	Sample Type:		REG			Field Duplicate			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.55	J	0.75	0.56	J	0.8	0.59	J	0.91	0.64	J	0.85	1.4	J	0.73	ND	U	0.84
	1,1-dichloroethane	µg/m³	ND	U	1.5	ND	U	1.6	ND	U	1.8	ND	U	1.7	ND	U	1.4	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	ND	U	1.6
	1,2,4-trimethylbenzene	µg/m³	20	--	0.75	31	--	0.8	24	--	0.91	15	--	0.85	30	--	0.73	13	--	0.84
	1,2-dibromoethane	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	1,2-dichloroethane	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	1,3,5-trimethylbenzene	µg/m³	8.5	--	0.75	11	--	0.8	9.0	--	0.91	4.4	--	0.85	9.1	--	0.73	3.7	--	0.84
	1,3-butadiene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	ND	U	1.6
	1,4-dioxane	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	2-butanone	µg/m³	10	--	1.4	11	--	1.5	3.3	J	1.7	1.1	J	1.6	3.0	J	1.4	1.7	J	1.6
	2-hexanone	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	4-methyl-2-pentanone	µg/m³	0.55	J	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	Acetone	µg/m³	19	J	12	14	J	13	12	J	14	11	J	14	17	J	12	12	J	13
	Benzene	µg/m³	2.5	--	0.75	4.5	--	0.8	3.8	--	0.91	2.1	J	0.85	3.3	--	0.73	2.5	J	0.84
	Bromodichloromethane	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	Bromoform	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	ND	U	1.6
	Carbon disulfide	µg/m³	3.5	J	2.4	2.0	J	2.5	1.8	J	2.9	7.7	--	2.7	9.7	--	2.3	33	--	2.7
	Carbon tetrachloride	µg/m³	3.0	--	0.75	2.9	--	0.8	3.5	--	0.91	4.8	--	0.85	0.91	J	0.73	ND	U	0.84
	Chloroethane	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	ND	U	1.6
	Chloroform	µg/m³	0.86	J	0.75	0.85	J	0.8	1.2	J	0.91	0.82	J	0.85	ND	U	0.73	ND	U	0.84
	Chloromethane	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	0.48	J	1.6
	Cyclohexane	µg/m³	1.6	J	1.5	2.3	J	1.6	3.7	J	1.8	1.2	J	1.7	2.6	J	1.5	0.89	J	1.7
	Dibromochloromethane	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	Dichlorodifluoromethane	µg/m³	2.2	J	1.4	2.1	J	1.5	2.1	J	1.7	1.5	J	1.6	0.65	J	1.4	ND	U	1.6
	Ethanol	µg/m³	34	--	3.7	28	--	3.9	7.0	J	4.4	8.5	J	4.2	3.2	J	3.5	2.9	J	4.1
	Ethyl acetate	µg/m³	ND	U	2.9	ND	U	3.1	2.2	J	3.5	ND	U	3.3	ND	U	2.8	ND	U	3.2
	Ethylbenzene	µg/m³	3.0	--	0.75	5.4	--	0.8	4.4	--	0.91	2.5	J	0.85	5.2	--	0.73	2.1	J	0.84
	Hexane	µg/m³	1.9	J	1.4	3.6	--	1.5	3.3	--	1.7	1.7	J	1.6	2.9	--	1.4	0.92	J	1.6
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	14	--	2.8	2.4	J	3	ND	U	3.4	ND	U	3.2	ND	U	2.7	ND	U	3.1
	m,p-Xylene	µg/m³	17	--	1.5	30	--	1.6	24	--	1.8	14	--	1.7	29	--	1.5	11	--	1.7
	Methylene Chloride	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	ND	U	1.6
	Naphthalene	µg/m³	4.7	--	1.4	8.1	--	1.5	3.3	--	1.7	2.0	J	1.6	2.6	--	1.3	2.0	J	1.5
	n-Heptane	µg/m³	4.5	--	1.4	8.9	--	1.5	9.0	--	1.7	3.9	--	1.6	7.5	--	1.4	2.5	J	1.6
	o-Xylene	µg/m³	6.5	--	0.75	10	--	0.8	8.0	--	0.91	4.2	--	0.85	8.6	--	0.73	3.5	--	0.84
	Propylene (propene)	µg/m³	6.7	--	1.4	1.7	J	1.5	1.3	J	1.7	0.89	J	1.6	1.3	J	1.4	1.1	J	1.6
	Styrene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.7	ND	U	1.6	ND	U	1.4	ND	U	1.6
	Tetrachloroethene	µg/m³	0.74	J	0.75	0.77	J	0.8	0.90	J	0.91	0.82	J	0.85	1.5	J	0.73	0.92	J	0.84
	Tetrahydrofuran	µg/m³	ND	U	0.75	ND	U	0.8	6.7	--	0.91	2.3	J	0.85	0.37	J	0.73	15	--	0.84
	Toluene	µg/m³	15	--	0.75	27	--	0.8	23	--	0.91	11	--	0.85	22	--	0.73	8.6	--	0.84
	Trichloroethene	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	0.43	J	0.85	0.96	J	0.73	11	--	0.84
	Trichlorofluoromethane	µg/m³	1.1	J	1.4	1.1	J	1.5	1.1	J	1.7	1.1	J	1.6	0.62	J	1.4	ND	U	1.6
	Vinyl chloride	µg/m³	ND	U	0.75	ND	U	0.8	ND	U	0.91	ND	U	0.85	ND	U	0.73	ND	U	0.84
	Xylenes, Total	µg/m³	24	--	1.5	40	--	1.6	32	--	1.8	18	--	1.7	38	--	1.5	15	--	1.7

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106115-450			KAFB-106116-025			KAFB-106116-050			KAFB-106116-150			KAFB-106116-250			KAFB-106116-350		
	Field Sample ID:		SV115-450-212			SV116-025-212			SV116-050-212			SV116-150-212			SV116-250-212			SV116-350-212		
	Sample Date:		4/13/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	85	J	84	34	--	0.87	54	--	0.92	21	--	0.95	40	J	20	26	J	24
	1,1-dichloroethane	µg/m³	ND	U	160	ND	U	1.7	ND	U	1.8	ND	U	1.8	ND	U	39	ND	U	47
	1,2,4-trichlorobenzene	µg/m³	ND	U	160	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	38	ND	U	46
	1,2,4-trimethylbenzene	µg/m³	78	J	84	7.9	--	0.87	8.8	--	0.92	1.3	J	0.95	17	J	20	11	J	24
	1,2-dibromoethane	µg/m³	ND	U	84	ND	U	0.87	0.50	J	0.92	ND	U	0.95	ND	U	20	ND	U	24
	1,2-dichloroethane	µg/m³	ND	U	84	ND	U	0.87	ND	U	0.92	ND	U	0.95	ND	U	20	ND	U	24
	1,3,5-trimethylbenzene	µg/m³	97	J	84	2.3	J	0.87	3.2	--	0.92	0.49	J	0.95	13	J	20	57	J	24
	1,3-butadiene	µg/m³	ND	U	160	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	38	ND	U	46
	1,4-dioxane	µg/m³	ND	U	84	ND	U	0.87	0.43	J	0.92	ND	U	0.95	ND	U	20	ND	U	24
	2-butanone	µg/m³	ND	U	160	6.0	--	1.6	2.3	J	1.7	5.7	--	1.8	27	J	38	ND	U	46
	2-hexanone	µg/m³	ND	U	84	1.6	J	0.87	ND	U	0.92	1.3	J	0.95	ND	U	20	ND	U	24
	4-methyl-2-pentanone	µg/m³	ND	U	84	0.45	J	0.87	ND	U	0.92	0.63	J	0.95	ND	U	20	ND	U	24
	Acetone	µg/m³	ND	U	1300	39	--	14	11	J	15	22	J	15	ND	U	320	ND	U	390
	Benzene	µg/m³	2700	--	84	0.79	J	0.87	1.4	J	0.92	0.78	J	0.95	5000	--	20	420	--	24
	Bromodichloromethane	µg/m³	ND	U	84	ND	U	0.87	ND	U	0.92	ND	U	0.95	ND	U	20	ND	U	24
	Bromoform	µg/m³	ND	U	160	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	38	ND	U	46
	Carbon disulfide	µg/m³	ND	U	270	5.8	--	2.8	3.4	J	2.9	6.4	--	3	ND	U	64	ND	U	77
	Carbon tetrachloride	µg/m³	ND	U	84	8.5	--	0.87	16	--	0.92	7.6	--	0.95	38	J	20	ND	U	24
	Chloroethane	µg/m³	ND	U	160	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	38	ND	U	46
	Chloroform	µg/m³	ND	U	84	0.52	J	0.87	0.57	J	0.92	1.3	J	0.95	ND	U	20	ND	U	24
	Chloromethane	µg/m³	ND	U	160	0.50	J	1.6	ND	U	1.7	0.86	J	1.8	ND	U	38	ND	U	46
	Cyclohexane	µg/m³	2500	--	170	5.0	J	1.7	3.2	J	1.8	ND	U	1.9	560	--	40	8700	--	49
	Dibromochloromethane	µg/m³	ND	U	84	ND	U	0.87	ND	U	0.92	ND	U	0.95	ND	U	20	ND	U	24
	Dichlorodifluoromethane	µg/m³	ND	U	160	86	--	1.6	110	--	1.7	59	--	1.8	91	--	38	260	--	46
	Ethanol	µg/m³	ND	U	410	8.0	J	4.3	9.9	J	4.5	4.6	J	4.6	3000	--	98	860	J	120
	Ethyl acetate	µg/m³	930	--	320	ND	U	3.3	ND	U	3.5	ND	U	3.6	90	J	77	ND	U	93
	Ethylbenzene	µg/m³	160	J	84	1.3	J	0.87	2.4	J	0.92	0.45	J	0.95	12	J	20	11	J	24
	Hexane	µg/m³	880	--	160	0.89	J	1.6	3.9	--	1.7	0.66	J	1.8	310	--	38	880	--	46
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	310	1.9	J	3.2	ND	U	3.4	ND	U	3.5	92	J	74	71	J	90
	m,p-Xylene	µg/m³	550	--	170	16	--	1.7	32	--	1.8	4.8	J	1.9	57	J	40	35	J	49
	Methylene Chloride	µg/m³	ND	U	160	ND	U	1.6	ND	U	1.7	ND	U	1.8	170	--	38	75	--	46
	Naphthalene	µg/m³	ND	U	150	1.5	J	1.6	1.2	J	1.7	ND	U	1.7	ND	U	37	ND	U	44
	n-Heptane	µg/m³	140	J	160	2.7	--	1.6	13	--	1.7	1.8	J	1.8	310	--	38	180	--	46
	o-Xylene	µg/m³	270	--	84	7.2	--	0.87	12	--	0.92	2.0	J	0.95	34	J	20	43	J	24
	Propylene (propene)	µg/m³	320	--	160	2.3	J	1.6	1.6	J	1.7	2.0	J	1.8	ND	U	38	150	--	46
	Styrene	µg/m³	ND	U	160	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	38	ND	U	46
	Tetrachloroethene	µg/m³	97	J	84	0.55	J	0.87	0.89	J	0.92	1.5	J	0.95	ND	U	20	ND	U	24
	Tetrahydrofuran	µg/m³	ND	U	84	ND	U	0.87	140	--	0.92	2.4	J	0.95	11	J	20	ND	U	24
	Toluene	µg/m³	3800	--	84	3.6	--	0.87	9.5	--	0.92	1.8	J	0.95	ND	U	20	ND	U	24
	Trichloroethene	µg/m³	ND	U	84	1.0	J	0.87	ND	U	0.92	ND	U	0.95	ND	U	20	21	J	24
	Trichlorofluoromethane	µg/m³	ND	U	160	11	--	1.6	13	--	1.7	6.1	--	1.8	16	J	38	37	J	46
	Vinyl chloride	µg/m³	ND	U	84	ND	U	0.87	ND	U	0.92	ND	U	0.95	ND	U	20	ND	U	24
	Xylenes, Total	µg/m³	830	--	170	24	--	1.7	45	--	1.8	6.7	--	1.9	91	J	40	78	J	49

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106116-350			KAFB-106116-450			KAFB-106117-025			KAFB-106117-050			KAFB-106117-150			KAFB-106117-250		
	Field Sample ID:		SV116-350-612			SV116-450-212			SV117-025-212			SV117-050-212			SV117-150-212			SV117-250-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		Field Duplicate			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	63	ND	U	1400	150	--	0.86	160	--	0.79	170	--	0.78	ND	U	560
	1,1-dichloroethane	µg/m³	ND	U	120	ND	U	2700	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1100
	1,2,4-trichlorobenzene	µg/m³	ND	U	120	ND	U	2600	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1000
	1,2,4-trimethylbenzene	µg/m³	ND	U	63	5100	--	1400	8	--	0.86	3.6	--	0.79	2.2	J	0.78	ND	U	560
	1,2-dibromoethane	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	1,2-dichloroethane	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	1,3,5-trimethylbenzene	µg/m³	54	J	63	6300	--	1400	4.2	--	0.86	2.2	J	0.79	1.3	J	0.78	420	J	560
	1,3-butadiene	µg/m³	ND	U	120	ND	U	2600	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1000
	1,4-dioxane	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	2-butanone	µg/m³	ND	U	120	ND	U	2600	5	J	1.6	13	--	1.5	ND	U	1.5	ND	U	1000
	2-hexanone	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	4-methyl-2-pentanone	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	Acetone	µg/m³	ND	U	1000	ND	U	22000	22	J	14	30	--	13	8.3	J	12	ND	U	8800
	Benzene	µg/m³	390	--	63	48000	--	1400	0.73	J	0.86	0.96	J	0.79	1.4	J	0.78	3200	--	560
	Bromodichloromethane	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	Bromoform	µg/m³	ND	U	120	ND	U	2600	0.62	J	1.6	ND	U	1.5	ND	U	1.5	ND	U	1000
	Carbon disulfide	µg/m³	ND	U	200	ND	U	4400	1	J	2.7	3.5	J	2.5	13	--	2.5	ND	U	1800
	Carbon tetrachloride	µg/m³	ND	U	63	ND	U	1400	27	--	0.86	31	--	0.79	35	--	0.78	ND	U	560
	Chloroethane	µg/m³	ND	U	120	ND	U	2600	ND	U	1.6	0.36	J	1.5	ND	U	1.5	ND	U	1000
	Chloroform	µg/m³	ND	U	63	ND	U	1400	0.67	J	0.86	0.57	J	0.79	5.7	--	0.78	ND	U	560
	Chloromethane	µg/m³	ND	U	120	ND	U	2600	1.7	J	1.6	1.4	J	1.5	ND	U	1.5	ND	U	1000
	Cyclohexane	µg/m³	8100	--	130	640000	--	2800	1.1	J	1.7	2.8	J	1.6	ND	U	1.6	200000	--	1100
	Dibromochloromethane	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	Dichlorodifluoromethane	µg/m³	250	--	120	890	J	2600	97	--	1.6	100	--	1.5	120	--	1.5	ND	U	1000
	Ethanol	µg/m³	1700	J	310	4500	J	6700	7.2	J	4.2	8.2	J	3.9	2.2	J	3.8	ND	U	2700
	Ethyl acetate	µg/m³	ND	U	240	ND	U	5300	ND	U	3.3	ND	U	3	ND	U	3	ND	U	2100
	Ethylbenzene	µg/m³	ND	U	63	8000	--	1400	1.4	J	0.86	0.71	J	0.79	0.54	J	0.78	ND	U	560
	Hexane	µg/m³	830	--	120	270000	--	2600	1.2	J	1.6	1.1	J	1.5	0.79	J	1.5	36000	--	1000
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	120	J	230	ND	U	5100	1.4	J	3.2	2	J	2.9	ND	U	2.9	ND	U	2100
	m,p-Xylene	µg/m³	55	J	130	41000	--	2800	14	--	1.7	6.5	--	1.6	5.1	--	1.6	1300	J	1100
	Methylene Chloride	µg/m³	120	J	120	ND	U	2600	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1000
	Naphthalene	µg/m³	ND	U	110	ND	U	2500	1.2	J	1.6	1.1	J	1.4	0.89	J	1.4	ND	U	1000
	n-Heptane	µg/m³	180	J	120	420000	--	2600	5.1	--	1.6	4.3	--	1.5	3.7	--	1.5	35000	--	1000
	o-Xylene	µg/m³	50	J	63	29000	--	1400	9.9	--	0.86	4.2	--	0.79	3.2	--	0.78	2900	--	560
	Propylene (propene)	µg/m³	ND	U	120	10000	--	2600	1.4	J	1.6	1.7	J	1.5	0.78	J	1.5	ND	U	1000
	Styrene	µg/m³	ND	U	120	ND	U	2600	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1000
	Tetrachloroethene	µg/m³	ND	U	63	ND	U	1400	4.6	--	0.86	5.1	--	0.79	4.3	--	0.78	ND	U	560
	Tetrahydrofuran	µg/m³	ND	U	63	ND	U	1400	0.83	J	0.86	14	--	0.79	1.5	J	0.78	ND	U	560
	Toluene	µg/m³	ND	U	63	110000	--	1400	6	--	0.86	3.4	--	0.79	3.5	--	0.78	560	J	560
	Trichloroethene	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	1.4	J	0.78	ND	U	560
	Trichlorofluoromethane	µg/m³	38	J	120	ND	U	2600	14	--	1.6	15	--	1.5	16	--	1.5	ND	U	1000
	Vinyl chloride	µg/m³	ND	U	63	ND	U	1400	ND	U	0.86	ND	U	0.79	ND	U	0.78	ND	U	560
	Xylenes, Total	µg/m³	110	J	130	71000	--	2800	24	--	1.7	11	--	1.6	8.3	--	1.6	4200	--	1100

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106117-350			KAFB-106117-450			KAFB-106118-025			KAFB-106118-050			KAFB-106118-160			KAFB-106118-265		
	Field Sample ID:		SV117-350-212			SV117-450-212			SV118-025-212			SV118-050-212			SV118-160-212			SV118-265-212		
	Sample Date:		4/6/2021			4/6/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	150	J	100	1300	J	1600	33	--	0.85	49	--	0.81	69	J	29	300	J	300
	1,1-dichloroethane	µg/m³	ND	U	200	ND	U	3100	ND	U	1.6	ND	U	1.6	ND	U	57	ND	U	590
	1,2,4-trichlorobenzene	µg/m³	ND	U	200	ND	U	3000	ND	U	1.6	ND	U	1.5	ND	U	55	ND	U	570
	1,2,4-trimethylbenzene	µg/m³	2300	--	100	47000	--	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	1,2-dibromoethane	µg/m³	370	--	100	2900	J	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	1,2-dichloroethane	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	1,3,5-trimethylbenzene	µg/m³	3100	--	100	24000	--	1600	0.63	J	0.85	0.40	J	0.81	ND	U	29	ND	U	300
	1,3-butadiene	µg/m³	ND	U	200	ND	U	3000	ND	U	1.6	ND	U	1.5	ND	U	55	ND	U	570
	1,4-dioxane	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	0.78	J	0.81	ND	U	29	ND	U	300
	2-butanone	µg/m³	ND	U	200	ND	U	3000	6.2	--	1.6	29	--	1.5	36	J	55	ND	U	570
	2-hexanone	µg/m³	ND	U	100	ND	U	1600	1.6	J	0.85	2.4	J	0.81	ND	U	29	ND	U	300
	4-methyl-2-pentanone	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	1.2	J	0.81	ND	U	29	ND	U	300
	Acetone	µg/m³	ND	U	1700	ND	U	25000	11	J	13	230	--	13	ND	U	460	ND	U	4800
	Benzene	µg/m³	410	--	100	22000	--	1600	ND	U	0.85	0.47	J	0.81	20	J	29	ND	U	300
	Bromodichloromethane	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	Bromoform	µg/m³	ND	U	200	ND	U	3000	ND	U	1.6	ND	U	1.5	ND	U	55	ND	U	570
	Carbon disulfide	µg/m³	ND	U	330	ND	U	5100	1.9	J	2.7	2.7	J	2.6	63	J	93	ND	U	970
	Carbon tetrachloride	µg/m³	ND	U	100	ND	U	1600	10	--	0.85	13	--	0.81	15	J	29	ND	U	300
	Chloroethane	µg/m³	ND	U	200	ND	U	3000	ND	U	1.6	0.58	J	1.5	ND	U	55	ND	U	570
	Chloroform	µg/m³	ND	U	100	1400	J	1600	0.91	J	0.85	1.2	J	0.81	ND	U	29	ND	U	300
	Chloromethane	µg/m³	ND	U	200	ND	U	3000	ND	U	1.6	4.7	--	1.5	ND	U	55	ND	U	570
	Cyclohexane	µg/m³	40000	--	210	700000	--	3200	0.88	J	1.7	1.3	J	1.6	3800	--	58	310000	--	610
	Dibromochloromethane	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	Dichlorodifluoromethane	µg/m³	130	J	200	1500	J	3000	5.4	--	1.6	6.6	--	1.5	ND	U	55	ND	U	570
	Ethanol	µg/m³	ND	U	510	35000	J	7800	26	J	4.1	9.1	J	3.9	ND	U	140	ND	U	1500
	Ethyl acetate	µg/m³	ND	U	400	ND	U	6100	ND	U	3.2	ND	U	3.1	85	J	110	ND	U	1200
	Ethylbenzene	µg/m³	280	J	100	29000	--	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	Hexane	µg/m³	16000	--	200	410000	--	3000	ND	U	1.6	2.1	J	1.5	170	--	55	9500	--	570
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	390	ND	U	5900	1.7	J	3.1	3.5	J	3	410	--	110	ND	U	1100
	m,p-Xylene	µg/m³	1100	--	210	360000	--	3200	ND	U	1.7	ND	U	1.6	ND	U	58	ND	U	610
	Methylene Chloride	µg/m³	ND	U	200	3900	J	3000	ND	U	1.6	1.6	J	1.5	ND	U	55	ND	U	570
	Naphthalene	µg/m³	ND	U	190	ND	U	2900	ND	U	1.5	ND	U	1.5	ND	U	53	ND	U	550
	n-Heptane	µg/m³	28000	--	200	790000	--	3000	0.58	J	1.6	1.2	J	1.5	110	--	55	470	J	570
	o-Xylene	µg/m³	3900	--	100	130000	--	1600	0.97	J	0.85	0.53	J	0.81	ND	U	29	ND	U	300
	Propylene (propene)	µg/m³	1200	--	200	20000	--	3000	ND	U	1.6	6.1	--	1.5	25	J	55	780	J	570
	Styrene	µg/m³	ND	U	200	ND	U	3000	ND	U	1.6	ND	U	1.5	ND	U	55	ND	U	570
	Tetrachloroethene	µg/m³	ND	U	100	ND	U	1600	0.38	J	0.85	0.49	J	0.81	12	J	29	130	J	300
	Tetrahydrofuran	µg/m³	ND	U	100	ND	U	1600	0.41	J	0.85	28	--	0.81	ND	U	29	ND	U	300
	Toluene	µg/m³	880	--	100	160000	--	1600	1.2	J	0.85	1.2	J	0.81	ND	U	29	ND	U	300
	Trichloroethene	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	7.4	--	0.81	ND	U	29	ND	U	300
	Trichlorofluoromethane	µg/m³	ND	U	200	ND	U	3000	3.9	--	1.6	5.0	--	1.5	ND	U	55	ND	U	570
	Vinyl chloride	µg/m³	ND	U	100	ND	U	1600	ND	U	0.85	ND	U	0.81	ND	U	29	ND	U	300
	Xylenes, Total	µg/m³	5000	--	210	490000	--	3200	0.97	J	1.7	ND	U	1.6	ND	U	58	ND	U	610

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106118-350			KAFB-106118-450			KAFB-106118-450			KAFB-106119-025			KAFB-106119-050			KAFB-106119-150		
	Field Sample ID:		SV118-350-212			SV118-450-212			SV118-450-612			SV119-025-212			SV119-050-212			SV119-150-212		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			Field Duplicate			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	120	J	97	26	J	16	40	J	31	25	--	0.81	92	--	0.78	60	--	1.5
	1,1-dichloroethane	µg/m³	ND	U	190	ND	U	32	ND	U	60	ND	U	1.6	ND	U	1.5	ND	U	2.8
	1,2,4-trichlorobenzene	µg/m³	ND	U	180	ND	U	31	ND	U	59	ND	U	1.5	ND	U	1.5	ND	U	2.7
	1,2,4-trimethylbenzene	µg/m³	ND	U	97	ND	U	16	56	J	31	17	--	0.81	8.7	--	0.78	2.0	J	1.5
	1,2-dibromoethane	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	1,2-dichloroethane	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	1,3,5-trimethylbenzene	µg/m³	ND	U	97	13	J	16	28	J	31	3.6	--	0.81	1.7	J	0.78	ND	U	1.5
	1,3-butadiene	µg/m³	ND	U	180	ND	U	31	ND	U	59	ND	U	1.5	ND	U	1.5	ND	U	2.7
	1,4-dioxane	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	0.36	J	0.78	ND	U	1.5
	2-butanone	µg/m³	ND	U	180	ND	U	31	62	J	59	4.0	J	1.5	ND	U	1.5	ND	U	2.7
	2-hexanone	µg/m³	ND	U	97	ND	U	16	ND	U	31	0.88	J	0.81	0.88	J	0.78	ND	U	1.5
	4-methyl-2-pentanone	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	Acetone	µg/m³	ND	U	1500	ND	U	260	ND	U	490	18	J	13	14	J	12	ND	U	23
	Benzene	µg/m³	ND	U	97	130	--	16	45	J	31	0.43	J	0.81	0.49	J	0.78	11	--	1.5
	Bromodichloromethane	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	Bromoform	µg/m³	ND	U	180	ND	U	31	ND	U	59	ND	U	1.5	ND	U	1.5	ND	U	2.7
	Carbon disulfide	µg/m³	ND	U	310	120	--	52	220	--	99	ND	U	2.6	2.8	J	2.5	36	--	4.6
	Carbon tetrachloride	µg/m³	ND	U	97	46	J	16	56	J	31	1.3	J	0.81	3.1	--	0.78	12	--	1.5
	Chloroethane	µg/m³	ND	U	180	ND	U	31	ND	U	59	ND	U	1.5	ND	U	1.5	ND	U	2.7
	Chloroform	µg/m³	ND	U	97	ND	U	16	ND	U	31	0.34	J	0.81	ND	U	0.78	4.8	--	1.5
	Chloromethane	µg/m³	ND	U	180	13	J	31	20	J	59	ND	U	1.5	ND	U	1.5	6.9	--	2.7
	Cyclohexane	µg/m³	44000	--	190	16000	--	33	23000	--	62	ND	U	1.6	ND	U	1.6	110	--	2.9
	Dibromochloromethane	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	Dichlorodifluoromethane	µg/m³	59	J	180	ND	U	31	ND	U	59	3.5	--	1.5	6.7	--	1.5	3.3	J	2.7
	Ethanol	µg/m³	4200	--	480	ND	U	81	150	J	150	8.3	J	4	3.0	J	3.8	4.6	J	7.1
	Ethyl acetate	µg/m³	270	J	370	ND	U	63	ND	U	120	ND	U	3.1	ND	U	3	ND	U	5.6
	Ethylbenzene	µg/m³	ND	U	97	ND	U	16	39	J	31	1.7	J	0.81	1.1	J	0.78	ND	U	1.5
	Hexane	µg/m³	4600	--	180	3600	--	31	5400	--	59	ND	U	1.5	ND	U	1.5	13	--	2.7
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	170	J	360	ND	U	61	ND	U	120	1.4	J	3	ND	U	2.9	ND	U	5.4
	m,p-Xylene	µg/m³	ND	U	190	ND	U	33	82	J	62	10	--	1.6	6.5	--	1.6	3.6	J	2.9
	Methylene Chloride	µg/m³	200	J	180	ND	U	31	ND	U	59	4.4	--	1.5	ND	U	1.5	ND	U	2.7
	Naphthalene	µg/m³	ND	U	180	ND	U	30	ND	U	57	3.9	--	1.5	1.7	J	1.4	ND	U	2.7
	n-Heptane	µg/m³	ND	U	180	17	J	31	89	J	59	1.1	J	1.5	1.1	J	1.5	0.97	J	2.7
	o-Xylene	µg/m³	ND	U	97	34	J	16	48	J	31	2.8	--	0.81	1.7	J	0.78	1.1	J	1.5
	Propylene (propene)	µg/m³	ND	U	180	47	J	31	ND	U	59	0.70	J	1.5	1.2	J	1.5	100	--	2.7
	Styrene	µg/m³	ND	U	180	ND	U	31	ND	U	59	ND	U	1.5	ND	U	1.5	ND	U	2.7
	Tetrachloroethene	µg/m³	47	J	97	ND	U	16	ND	U	31	0.98	J	0.81	2.9	--	0.78	3.7	J	1.5
	Tetrahydrofuran	µg/m³	ND	U	97	13	J	16	28	J	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	Toluene	µg/m³	ND	U	97	120	--	16	200	--	31	4.2	--	0.81	2.9	--	0.78	4.7	--	1.5
	Trichloroethene	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	Trichlorofluoromethane	µg/m³	ND	U	180	ND	U	31	ND	U	59	1.4	J	1.5	2.4	--	1.5	1.7	J	2.7
	Vinyl chloride	µg/m³	ND	U	97	ND	U	16	ND	U	31	ND	U	0.81	ND	U	0.78	ND	U	1.5
	Xylenes, Total	µg/m³	ND	U	190	34	J	33	130	J	62	13	--	1.6	8.1	--	1.6	4.7	J	2.9

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106119-250			KAFB-106119-350			KAFB-106119-450			KAFB-106120-025			KAFB-106120-025			KAFB-106120-050		
	Field Sample ID:		SV119-250-212			SV119-350-212			SV119-450-212			SV120-025-212			SV120-025-612			SV120-050-212		
	Sample Date:		4/20/2021			4/20/2021			4/20/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			REG			REG			Field Duplicate			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	ND	U	560	320	J	490	1.8	J	0.82	0.60	J	0.88	0.58	J	0.71	1.0	J	0.78
	1,1-dichloroethane	µg/m^3	ND	U	1100	ND	U	950	ND	U	1.6	ND	U	1.7	ND	U	1.4	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m^3	ND	U	1100	ND	U	920	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m^3	ND	U	560	1600	--	490	7	--	0.82	44	--	0.88	54	--	0.71	14	--	0.78
	1,2-dibromoethane	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	ND	U	0.88	ND	U	0.71	ND	U	0.78
	1,2-dichloroethane	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	ND	U	0.88	ND	U	0.71	ND	U	0.78
	1,3,5-trimethylbenzene	µg/m^3	940	J	560	1900	--	490	16	--	0.82	10	--	0.88	13	--	0.71	3.2	--	0.78
	1,3-butadiene	µg/m^3	ND	U	1100	ND	U	920	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	1.5
	1,4-dioxane	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	ND	U	0.88	ND	U	0.71	ND	U	0.78
	2-butanone	µg/m^3	ND	U	1100	ND	U	920	2.5	J	1.5	5.9	--	1.6	7.1	--	1.3	19	--	1.5
	2-hexanone	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	2.6	J	0.88	ND	U	0.71	1.3	J	0.78
	4-methyl-2-pentanone	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	0.43	J	0.88	0.31	J	0.71	0.36	J	0.78
	Acetone	µg/m^3	ND	U	9000	ND	U	7700	ND	U	13	18	J	14	27	--	11	28	--	12
	Benzene	µg/m^3	63000	--	560	40000	--	490	23	--	0.82	1.1	J	0.88	5.2	--	0.71	1.1	J	0.78
	Bromodichloromethane	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	120	--	0.88	110	--	0.71	460	--	0.78
	Bromoform	µg/m^3	ND	U	1100	ND	U	920	ND	U	1.5	ND	U	1.6	ND	U	1.3	1.1	J	1.5
	Carbon disulfide	µg/m^3	ND	U	1800	ND	U	1500	16	--	2.6	40	--	2.8	1.9	J	2.3	3.7	J	2.5
	Carbon tetrachloride	µg/m^3	ND	U	560	ND	U	490	0.61	J	0.82	3.3	--	0.88	3.1	--	0.71	20	--	0.78
	Chloroethane	µg/m^3	ND	U	1100	ND	U	920	ND	U	1.5	ND	U	1.6	ND	U	1.3	0.30	J	1.5
	Chloroform	µg/m^3	ND	U	560	ND	U	490	0.78	J	0.82	460	--	0.88	430	--	7.1	940	--	7.8
	Chloromethane	µg/m^3	ND	U	1100	ND	U	920	0.98	J	1.5	ND	U	1.6	0.44	J	1.3	0.65	J	1.5
	Cyclohexane	µg/m^3	320000	--	1100	340000	--	970	380	--	1.6	1.8	J	1.8	2.0	J	1.4	0.72	J	1.6
	Dibromochloromethane	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	3.6	--	0.88	3.3	--	0.71	95	--	0.78
	Dichlorodifluoromethane	µg/m^3	ND	U	1100	ND	U	920	2.1	J	1.5	4.9	--	1.6	4.8	--	1.3	3.3	--	1.5
	Ethanol	µg/m^3	ND	U	2800	ND	U	2400	4.3	J	4	7.4	J	4.3	13	J	3.5	11	J	3.8
	Ethyl acetate	µg/m^3	ND	U	2200	ND	U	1900	1.8	J	3.1	ND	U	3.3	25	--	2.7	8.9	--	3
	Ethylbenzene	µg/m^3	ND	U	560	ND	U	490	7.5	--	0.82	4.6	--	0.88	7.2	--	0.71	1.9	J	0.78
	Hexane	µg/m^3	42000	--	1100	130000	--	920	96	--	1.5	2.4	J	1.6	2.2	J	1.3	1.0	J	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	ND	U	2100	ND	U	1800	1.2	J	3	ND	U	3.2	4.4	--	2.6	3.3	J	2.9
	m,p-Xylene	µg/m^3	ND	U	1100	2900	--	970	120	--	1.6	28	--	1.8	49	--	1.4	11	--	1.6
	Methylene Chloride	µg/m^3	ND	U	1100	ND	U	920	ND	U	1.5	2.2	J	1.6	2.8	--	1.3	7.3	--	1.5
	Naphthalene	µg/m^3	ND	U	1000	ND	U	890	ND	U	1.5	5.9	--	1.6	5.1	--	1.3	1.4	J	1.4
	n-Heptane	µg/m^3	2400	--	1100	91000	--	920	200	--	1.5	5.4	--	1.6	6.8	--	1.3	1.5	J	1.5
	o-Xylene	µg/m^3	4800	--	560	7500	--	490	23	--	0.82	8.6	--	0.88	16	--	0.71	3.0	--	0.78
	Propylene (propene)	µg/m^3	ND	U	1100	1400	J	920	1.9	J	1.5	0.79	J	1.6	2.3	--	1.3	1.5	J	1.5
	Styrene	µg/m^3	ND	U	1100	ND	U	920	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	1.5
	Tetrachloroethene	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	3.6	--	0.88	3.8	--	0.71	9.4	--	0.78
	Tetrahydrofuran	µg/m^3	ND	U	560	ND	U	490	1.3	J	0.82	0.96	J	0.88	1.6	J	0.71	13	--	0.78
	Toluene	µg/m^3	ND	U	560	1800	--	490	59	--	0.82	9.1	--	0.88	30	--	0.71	5.2	--	0.78
	Trichloroethene	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	2.2	J	0.88	2.2	--	0.71	7.7	--	0.78
	Trichlorofluoromethane	µg/m^3	ND	U	1100	ND	U	920	1.1	J	1.5	1.3	J	1.6	1.4	J	1.3	1.0	J	1.5
	Vinyl chloride	µg/m^3	ND	U	560	ND	U	490	ND	U	0.82	ND	U	0.88	ND	U	0.71	ND	U	0.78
	Xylenes, Total	µg/m^3	4800	--	1100	10000	--	970	140	--	1.6	37	--	1.8	65	--	1.4	14	--	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106120-150			KAFB-106120-250			KAFB-106120-350			KAFB-106120-450			KAFB-106121-025			KAFB-106121-050		
	Field Sample ID:		SV120-150-212			SV120-250-212			SV120-350-212			SV120-450-212			SV121-025-212			SV121-050-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.96	J	0.96	1.3	J	0.72	5.8	J	2.3	29	J	25	0.74	J	1.1	0.71	J	1.1
	1,1-dichloroethane	µg/m³	ND	U	1.9	ND	U	1.4	ND	U	4.5	ND	U	48	ND	U	2.1	ND	U	2.2
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	4.3	ND	U	47	ND	U	2	ND	U	2.1
	1,2,4-trimethylbenzene	µg/m³	18	--	0.96	13	--	0.72	23	--	2.3	ND	U	25	56	--	1.1	11	--	1.1
	1,2-dibromoethane	µg/m³	ND	U	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	ND	U	1.1	ND	U	1.1
	1,2-dichloroethane	µg/m³	ND	U	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	ND	U	1.1	ND	U	1.1
	1,3,5-trimethylbenzene	µg/m³	4.0	--	0.96	2.6	--	0.72	5.8	J	2.3	13	J	25	14	--	1.1	2.9	J	1.1
	1,3-butadiene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	4.3	ND	U	47	ND	U	2	ND	U	2.1
	1,4-dioxane	µg/m³	0.50	J	0.96	0.32	J	0.72	ND	U	2.3	ND	U	25	ND	U	1.1	ND	U	1.1
	2-butanone	µg/m³	1.6	J	1.8	7.2	--	1.4	6.3	J	4.3	ND	U	47	5.7	J	2	5.1	J	2.1
	2-hexanone	µg/m³	0.51	J	0.96	0.36	J	0.72	ND	U	2.3	ND	U	25	1.6	J	1.1	1.4	J	1.1
	4-methyl-2-pentanone	µg/m³	ND	U	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	ND	U	1.1	ND	U	1.1
	Acetone	µg/m³	19	J	15	16	J	11	ND	U	36	ND	U	400	29	J	17	20	J	18
	Benzene	µg/m³	0.84	J	0.96	0.55	J	0.72	96	--	2.3	85	--	25	0.81	J	1.1	ND	U	1.1
	Bromodichloromethane	µg/m³	4.3	--	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	53	--	1.1	59	--	1.1
	Bromoform	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	4.3	ND	U	47	ND	U	2	ND	U	2.1
	Carbon disulfide	µg/m³	2.0	J	3	10	--	2.3	ND	U	7.3	190	--	79	ND	U	3.4	5.3	J	3.5
	Carbon tetrachloride	µg/m³	16	--	0.96	4.7	--	0.72	ND	U	2.3	ND	U	25	13	--	1.1	17	--	1.1
	Chloroethane	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	4.3	ND	U	47	ND	U	2	ND	U	2.1
	Chloroform	µg/m³	32	--	0.96	1.9	J	0.72	24	--	2.3	ND	U	25	610	--	1.1	660	--	1.1
	Chloromethane	µg/m³	0.53	J	1.8	0.38	J	1.4	ND	U	4.3	25	J	47	ND	U	2	ND	U	2.1
	Cyclohexane	µg/m³	ND	U	1.9	ND	U	1.4	62	--	4.6	56	J	50	ND	U	2.2	ND	U	2.2
	Dibromochloromethane	µg/m³	ND	U	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	2.4	J	1.1	3.3	J	1.1
	Dichlorodifluoromethane	µg/m³	14	--	1.8	23	--	1.4	190	--	4.3	200	--	47	4.4	--	2	4.8	--	2.1
	Ethanol	µg/m³	5.9	J	4.7	26	--	3.5	5.1	J	11	ND	U	120	10	J	5.3	4.9	J	5.4
	Ethyl acetate	µg/m³	ND	U	3.7	20	--	2.7	ND	U	8.8	ND	U	95	10	--	4.1	ND	U	4.2
	Ethylbenzene	µg/m³	1.6	J	0.96	1.9	J	0.72	3.4	J	2.3	ND	U	25	2.8	J	1.1	1.2	J	1.1
	Hexane	µg/m³	ND	U	1.8	0.67	J	1.4	22	--	4.3	46	J	47	ND	U	2	ND	U	2.1
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	7.4	--	3.5	4.9	--	2.7	ND	U	8.5	ND	U	92	3.1	J	4	ND	U	4.1
	m,p-Xylene	µg/m³	9.5	--	1.9	9.1	--	1.4	19	--	4.6	21	J	50	18	--	2.2	6.5	--	2.2
	Methylene Chloride	µg/m³	ND	U	1.8	14	--	1.4	ND	U	4.3	ND	U	47	ND	U	2	ND	U	2.1
	Naphthalene	µg/m³	2.4	J	1.7	3.2	--	1.3	4.1	J	4.2	ND	U	45	1.9	J	2	ND	U	2
	n-Heptane	µg/m³	0.70	J	1.8	1.1	J	1.4	2.0	J	4.3	ND	U	47	0.97	J	2	ND	U	2.1
	o-Xylene	µg/m³	3.0	J	0.96	3.1	--	0.72	7.3	--	2.3	13	J	25	7.3	--	1.1	2.3	J	1.1
	Propylene (propene)	µg/m³	1.7	J	1.8	1.3	J	1.4	11	--	4.3	ND	U	47	1.6	J	2	0.98	J	2.1
	Styrene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	4.3	ND	U	47	ND	U	2	ND	U	2.1
	Tetrachloroethene	µg/m³	2.6	J	0.96	0.37	J	0.72	1.3	J	2.3	31	J	25	5.3	--	1.1	7.4	--	1.1
	Tetrahydrofuran	µg/m³	2.4	J	0.96	3.1	J	0.72	ND	U	2.3	21	J	25	ND	U	1.1	1.4	J	1.1
	Toluene	µg/m³	3.0	--	0.96	6.5	--	0.72	ND	U	2.3	ND	U	25	3.9	--	1.1	2.5	J	1.1
	Trichloroethene	µg/m³	4.0	--	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	2.2	J	1.1	2.4	J	1.1
	Trichlorofluoromethane	µg/m³	1.3	J	1.8	2.0	J	1.4	21	--	4.3	22	J	47	1.1	J	2	1.1	J	2.1
	Vinyl chloride	µg/m³	ND	U	0.96	ND	U	0.72	ND	U	2.3	ND	U	25	ND	U	1.1	ND	U	1.1
	Xylenes, Total	µg/m³	12	--	1.9	12	--	1.4	26	--	4.6	34	J	50	25	--	2.2	8.8	--	2.2

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106121-145			KAFB-106121-145			KAFB-106121-250			KAFB-106121-350			KAFB-106121-440			KAFB-106122-025		
	Field Sample ID:		SV121-145-212			SV121-145-612			SV121-250-212			SV121-350-212			SV121-450-212			SV122-025-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			Field Duplicate			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	1.1	J	0.72	1.2	J	0.87	2.5	--	0.81	6.7	--	0.76	7.5	--	0.85	0.45	J	0.79
	1,1-dichloroethane	µg/m³	ND	U	1.4	ND	U	1.7	ND	U	1.6	ND	U	1.5	6.2	--	1.7	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.6	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	9.9	--	0.72	35	--	0.87	22	--	0.81	7.9	--	0.76	5.2	--	0.85	16	--	0.79
	1,2-dibromoethane	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	ND	U	0.79
	1,2-dichloroethane	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	2.9	--	0.85	ND	U	0.79
	1,3,5-trimethylbenzene	µg/m³	2.1	J	0.72	7.5	--	0.87	5.0	--	0.81	1.5	J	0.76	2.0	J	0.85	3.6	--	0.79
	1,3-butadiene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	0.60	J	1.6	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	ND	U	0.79
	2-butanone	µg/m³	3.6	J	1.4	2.5	J	1.6	0.87	J	1.5	0.87	J	1.4	7.2	--	1.6	3.5	J	1.5
	2-hexanone	µg/m³	0.38	J	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	0.49	J	0.79
	4-methyl-2-pentanone	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	ND	U	0.79
	Acetone	µg/m³	9.1	J	11	9.2	J	14	ND	U	13	6.1	J	12	ND	U	14	6.9	J	13
	Benzene	µg/m³	0.55	J	0.72	0.63	J	0.87	0.62	J	0.81	1.2	J	0.76	130	--	0.85	ND	U	0.79
	Bromodichloromethane	µg/m³	3.2	--	0.72	3.5	--	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	22	--	0.79
	Bromoform	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.6	ND	U	1.5
	Carbon disulfide	µg/m³	4.0	J	2.3	2.9	J	2.8	4.7	J	2.6	6.5	--	2.4	390	--	2.7	1.0	J	2.5
	Carbon tetrachloride	µg/m³	13	--	0.72	14	--	0.87	3.2	--	0.81	0.69	J	0.76	ND	U	0.85	3.8	--	0.79
	Chloroethane	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	7.7	--	1.6	ND	U	1.5
	Chloroform	µg/m³	34	--	0.72	37	--	0.87	1.9	J	0.81	1.1	J	0.76	0.80	J	0.85	260	--	0.79
	Chloromethane	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	33	--	1.6	ND	U	1.5
	Cyclohexane	µg/m³	ND	U	1.4	ND	U	1.7	ND	U	1.6	ND	U	1.5	18	--	1.7	ND	U	1.6
	Dibromochloromethane	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	0.59	J	0.79
	Dichlorodifluoromethane	µg/m³	23	--	1.4	25	--	1.6	57	--	1.5	200	--	1.4	230	--	1.6	2.4	J	1.5
	Ethanol	µg/m³	19	J	3.5	2.1	J	4.2	3.0	J	3.9	1.8	J	3.7	3.9	J	4.2	20	J	3.9
	Ethyl acetate	µg/m³	7.0	--	2.7	ND	U	3.3	8.2	--	3.1	ND	U	2.9	ND	U	3.3	ND	U	3
	Ethylbenzene	µg/m³	1.2	J	0.72	4.4	--	0.87	2.9	--	0.81	1.0	J	0.76	29	--	0.85	1.6	J	0.79
	Hexane	µg/m³	0.90	J	1.4	ND	U	1.6	0.62	J	1.5	ND	U	1.4	10	--	1.6	ND	U	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	2.1	J	2.7	ND	U	3.2	ND	U	3	ND	U	2.8	ND	U	3.2	ND	U	2.9
	m,p-Xylene	µg/m³	6.9	--	1.4	25	--	1.7	17	--	1.6	5.5	--	1.5	41	--	1.7	9.4	--	1.6
	Methylene Chloride	µg/m³	4.6	--	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.6	ND	U	1.5
	Naphthalene	µg/m³	3.0	--	1.3	6.1	--	1.6	4.3	--	1.5	2.5	--	1.4	ND	U	1.6	6.5	--	1.4
	n-Heptane	µg/m³	0.85	J	1.4	2.0	J	1.6	1.7	J	1.5	0.48	J	1.4	4.3	--	1.6	0.51	J	1.5
	o-Xylene	µg/m³	2.0	J	0.72	6.7	--	0.87	4.5	--	0.81	1.6	J	0.76	13	--	0.85	3.0	--	0.79
	Propylene (propene)	µg/m³	0.76	J	1.4	ND	U	1.6	ND	U	1.5	0.64	J	1.4	ND	U	1.6	ND	U	1.5
	Styrene	µg/m³	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.6	ND	U	1.5
	Tetrachloroethene	µg/m³	2.0	J	0.72	3.1	--	0.87	0.35	J	0.81	0.90	J	0.76	1.6	J	0.85	2.3	J	0.79
	Tetrahydrofuran	µg/m³	9.4	--	0.72	11	--	0.87	2.6	J	0.81	1.2	J	0.76	53	--	0.85	0.48	J	0.79
	Toluene	µg/m³	4.4	--	0.72	6.9	--	0.87	5.1	--	0.81	2.0	J	0.76	500	--	0.85	2.5	--	0.79
	Trichloroethene	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	ND	U	0.85	1.8	J	0.79
	Trichlorofluoromethane	µg/m³	2.1	J	1.4	2.2	J	1.6	4.7	--	1.5	24	--	1.4	27	--	1.6	1.0	J	1.5
	Vinyl chloride	µg/m³	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.76	9.4	--	0.85	ND	U	0.79
	Xylenes, Total	µg/m³	8.9	--	1.4	32	--	1.7	21	--	1.6	7.2	--	1.5	54	--	1.7	12	--	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106122-050			KAFB-106122-150			KAFB-106122-250			KAFB-106122-350			KAFB-106122-450			KAFB-106123-025		
	Field Sample ID:		SV122-050-212			SV122-150-212			SV122-250-212			SV122-350-212			SV122-450-212			SV123-025-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.59	J	0.84	0.59	J	0.81	1.3	J	0.84	2.7	--	0.81	ND	U	16	0.65	J	0.78
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	32	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.5	ND	U	31	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	40	--	0.84	11	--	0.81	12	--	0.84	0.52	J	0.81	16	J	16	120	--	0.78
	1,2-dibromoethane	µg/m³	ND	U	0.84	ND	U	0.81	ND	U	0.84	ND	U	0.81	ND	U	16	0.90	J	0.78
	1,2-dichloroethane	µg/m³	ND	U	0.84	ND	U	0.81	ND	U	0.84	ND	U	0.81	ND	U	16	ND	U	0.78
	1,3,5-trimethylbenzene	µg/m³	8.3	--	0.84	2.5	J	0.81	2.7	--	0.84	ND	U	0.81	ND	U	16	29	--	0.78
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.5	ND	U	31	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	0.84	ND	U	0.81	ND	U	0.84	ND	U	0.81	ND	U	16	ND	U	0.78
	2-butanone	µg/m³	7.8	--	1.6	8.3	--	1.5	8.6	--	1.6	4.1	J	1.5	54	J	31	12	--	1.5
	2-hexanone	µg/m³	1.7	J	0.84	0.93	J	0.81	1.5	J	0.84	1.5	J	0.81	ND	U	16	6.6	--	0.78
	4-methyl-2-pentanone	µg/m³	0.44	J	0.84	0.42	J	0.81	ND	U	0.84	0.35	J	0.81	ND	U	16	2.3	J	0.78
	Acetone	µg/m³	32	--	13	27	--	13	9.6	J	13	27	--	13	ND	U	260	51	--	12
	Benzene	µg/m³	ND	U	0.84	ND	U	0.81	0.72	J	0.84	10	--	0.81	180	--	16	3.1	--	0.78
	Bromodichloromethane	µg/m³	61	--	0.84	1.7	J	0.81	ND	U	0.84	ND	U	0.81	ND	U	16	270	--	0.78
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.5	ND	U	31	0.78	J	1.5
	Carbon disulfide	µg/m³	1.1	J	2.7	5.6	--	2.6	23	--	2.7	0.86	J	2.6	310	--	52	ND	U	2.5
	Carbon tetrachloride	µg/m³	14	--	0.84	14	--	0.81	4.1	--	0.84	0.41	J	0.81	ND	U	16	4.7	--	0.78
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.5	2.1	J	1.6	ND	U	1.5	11	J	31	ND	U	1.5
	Chloroform	µg/m³	400	--	0.84	19	--	0.81	0.46	J	0.84	0.48	J	0.81	9.0	J	16	510	--	7.8
	Chloromethane	µg/m³	0.81	J	1.6	ND	U	1.5	1.1	J	1.6	ND	U	1.5	61	--	31	ND	U	1.5
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.6	ND	U	1.7	5.1	--	1.6	64	J	33	4.9	--	1.6
	Dibromochloromethane	µg/m³	2.2	J	0.84	ND	U	0.81	ND	U	0.84	ND	U	0.81	ND	U	16	28	--	0.78
	Dichlorodifluoromethane	µg/m³	3.4	--	1.6	9.2	--	1.5	33	--	1.6	100	--	1.5	140	--	31	4.2	--	1.5
	Ethanol	µg/m³	14	J	4.1	38	--	4	32	--	4.1	7.2	J	3.9	420	J	81	11	J	3.8
	Ethyl acetate	µg/m³	ND	U	3.2	ND	U	3.1	ND	U	3.2	ND	U	3.1	ND	U	63	2.9	J	3
	Ethylbenzene	µg/m³	2.2	J	0.84	1.3	J	0.81	1.8	J	0.84	1.0	J	0.81	38	J	16	19	--	0.78
	Hexane	µg/m³	0.55	J	1.6	ND	U	1.5	2.4	J	1.6	14	--	1.5	46	J	31	2.8	--	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	1.8	J	3.1	140	--	3	2.1	J	3.1	1.2	J	3	ND	U	61	2.3	J	2.9
	m,p-Xylene	µg/m³	13	--	1.7	7.3	--	1.6	9.0	--	1.7	5.5	--	1.6	71	J	33	110	--	1.6
	Methylene Chloride	µg/m³	2.3	J	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.5	ND	U	31	6.8	--	1.5
	Naphthalene	µg/m³	7.5	--	1.5	3.8	--	1.5	4.1	--	1.5	ND	U	1.5	ND	U	30	37	--	1.4
	n-Heptane	µg/m³	0.79	J	1.6	0.55	J	1.5	2.0	J	1.6	5.6	--	1.5	13	J	31	12	--	1.5
	o-Xylene	µg/m³	4.6	--	0.84	2.2	J	0.81	2.9	--	0.84	0.60	J	0.81	23	J	16	35	--	0.78
	Propylene (propene)	µg/m³	1.2	J	1.6	18	--	1.5	4.7	--	1.6	1.3	J	1.5	ND	U	31	1.9	J	1.5
	Styrene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.5	ND	U	31	ND	U	1.5
	Tetrachloroethene	µg/m³	5.5	--	0.84	1.7	J	0.81	ND	U	0.84	0.62	J	0.81	ND	U	16	3.3	--	0.78
	Tetrahydrofuran	µg/m³	ND	U	0.84	17	--	0.81	2.8	J	0.84	ND	U	0.81	210	--	16	0.84	J	0.78
	Toluene	µg/m³	3.5	--	0.84	2.0	J	0.81	3.5	--	0.84	17	--	0.81	760	--	16	34	--	0.78
	Trichloroethene	µg/m³	1.3	J	0.84	ND	U	0.81	ND	U	0.84	ND	U	0.81	ND	U	16	1.5	J	0.78
	Trichlorofluoromethane	µg/m³	1.1	J	1.6	1.0	J	1.5	2.6	--	1.6	11	--	1.5	15	J	31	1.3	J	1.5
	Vinyl chloride	µg/m³	ND	U	0.84	ND	U	0.81	ND	U	0.84	ND	U	0.81	12	J	16	ND	U	0.78
	Xylenes, Total	µg/m³	17	--	1.7	9.4	--	1.6	12	--	1.7	6.1	--	1.6	93	J	33	140	--	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106123-050			KAFB-106123-150			KAFB-106123-250			KAFB-106123-350			KAFB-106123-450			KAFB-106124-025		
	Field Sample ID:		SV123-050-212			SV123-150-212			SV123-250-212			SV123-350-212			SV123-450-212			SV124-025-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/5/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	2.7	J	0.9	1.6	J	0.82	6.0	--	0.76	11	--	0.66	13	--	0.83	0.45	J	0.64
	1,1-dichloroethane	µg/m³	ND	U	1.7	ND	U	1.6	ND	U	1.5	ND	U	1.3	ND	U	1.6	ND	U	1.2
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	ND	U	1.2	0.82	J	1.6	ND	U	1.2
	1,2,4-trimethylbenzene	µg/m³	19	--	0.9	14	--	0.82	9.1	--	0.76	39	--	0.66	10	--	0.83	ND	U	0.64
	1,2-dibromoethane	µg/m³	ND	U	0.9	ND	U	0.82	ND	U	0.76	0.79	J	0.66	ND	U	0.83	ND	U	0.64
	1,2-dichloroethane	µg/m³	ND	U	0.9	ND	U	0.82	ND	U	0.76	ND	U	0.66	ND	U	0.83	ND	U	0.64
	1,3,5-trimethylbenzene	µg/m³	4.5	--	0.9	3.0	--	0.82	2.1	J	0.76	11	--	0.66	3.6	--	0.83	ND	U	0.64
	1,3-butadiene	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	ND	U	1.2	ND	U	1.6	ND	U	1.2
	1,4-dioxane	µg/m³	ND	U	0.9	ND	U	0.82	ND	U	0.76	ND	U	0.66	ND	U	0.83	ND	U	0.64
	2-butanone	µg/m³	1.6	J	1.7	1.6	J	1.5	ND	U	1.4	3.4	J	1.2	8.2	--	1.6	3.2	J	1.2
	2-hexanone	µg/m³	0.96	J	0.9	0.55	J	0.82	ND	U	0.76	ND	U	0.66	ND	U	0.83	0.38	J	0.64
	4-methyl-2-pentanone	µg/m³	ND	U	0.9	ND	U	0.82	ND	U	0.76	ND	U	0.66	ND	U	0.83	ND	U	0.64
	Acetone	µg/m³	ND	U	14	9.3	J	13	5.9	J	12	9.8	J	11	ND	U	13	24	--	10
	Benzene	µg/m³	0.55	J	0.9	0.49	J	0.82	ND	U	0.76	0.62	J	0.66	3.3	--	0.83	0.35	J	0.64
	Bromodichloromethane	µg/m³	410	--	0.9	4.0	--	0.82	2.2	J	0.76	0.50	J	0.66	13	--	0.83	110	--	0.64
	Bromoform	µg/m³	5.6	--	1.7	ND	U	1.5	ND	U	1.4	ND	U	1.2	0.99	J	1.6	ND	U	1.2
	Carbon disulfide	µg/m³	1.2	J	2.9	1.7	J	2.6	ND	U	2.4	4.7	--	2.1	4.1	J	2.6	2.1	J	2
	Carbon tetrachloride	µg/m³	19	--	0.9	11	--	0.82	9.4	--	0.76	1.2	J	0.66	0.48	J	0.83	6.8	--	0.64
	Chloroethane	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	ND	U	1.2	ND	U	1.6	ND	U	1.2
	Chloroform	µg/m³	760	--	9	23	--	0.82	6.7	--	0.76	10	--	0.66	14	--	0.83	1300	--	6.4
	Chloromethane	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	ND	U	1.2	ND	U	1.6	0.36	J	1.2
	Cyclohexane	µg/m³	ND	U	1.8	ND	U	1.6	ND	U	1.5	ND	U	1.3	9.5	--	1.7	ND	U	1.3
	Dibromochloromethane	µg/m³	48	--	0.9	ND	U	0.82	ND	U	0.76	ND	U	0.66	4.1	--	0.83	2.2	--	0.64
	Dichlorodifluoromethane	µg/m³	52	--	1.7	36	--	1.5	130	--	1.4	300	--	1.2	370	--	1.6	2.6	--	1.2
	Ethanol	µg/m³	6.0	J	4.4	3.4	J	4	ND	U	3.7	13	J	3.2	3.7	J	4	54	--	3.1
	Ethyl acetate	µg/m³	ND	U	3.4	2.8	J	3.1	ND	U	2.9	7.9	--	2.5	ND	U	3.2	ND	U	2.5
	Ethylbenzene	µg/m³	2.0	J	0.9	1.6	J	0.82	1.1	J	0.76	3.3	--	0.66	1.5	J	0.83	ND	U	0.64
	Hexane	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	1.2	J	1.2	ND	U	1.6	ND	U	1.2
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	3.3	ND	U	3	ND	U	2.8	3.0	J	2.5	ND	U	3.1	3.1	J	2.4
	m,p-Xylene	µg/m³	12	--	1.8	8.5	--	1.6	6.4	--	1.5	19	--	1.3	7.7	--	1.7	0.61	J	1.3
	Methylene Chloride	µg/m³	16	--	1.7	ND	U	1.5	ND	U	1.4	6.2	--	1.2	2.8	--	1.6	2.6	--	1.2
	Naphthalene	µg/m³	4.7	--	1.6	5.2	--	1.5	3.8	--	1.4	4.9	--	1.2	0.90	J	1.5	ND	U	1.2
	n-Heptane	µg/m³	0.98	J	1.7	0.95	J	1.5	0.51	J	1.4	1.0	J	1.2	ND	U	1.6	ND	U	1.2
	o-Xylene	µg/m³	4.0	--	0.9	2.8	--	0.82	1.9	J	0.76	8.0	--	0.66	2.9	--	0.83	ND	U	0.64
	Propylene (propene)	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	0.92	J	1.2	3.2	--	1.6	0.82	J	1.2
	Styrene	µg/m³	ND	U	1.7	ND	U	1.5	ND	U	1.4	ND	U	1.2	ND	U	1.6	ND	U	1.2
	Tetrachloroethene	µg/m³	7.5	--	0.9	1.7	J	0.82	0.39	J	0.76	0.76	J	0.66	2.7	--	0.83	4.7	--	0.64
	Tetrahydrofuran	µg/m³	ND	U	0.9	ND	U	0.82	ND	U	0.76	0.56	J	0.66	7.8	--	0.83	1.9	J	0.64
	Toluene	µg/m³	3.6	--	0.9	3.1	--	0.82	2.4	--	0.76	5.3	--	0.66	4.1	--	0.83	1.1	J	0.64
	Trichloroethene	µg/m³	3.5	--	0.9	ND	U	0.82	ND	U	0.76	0.44	J	0.66	0.71	J	0.83	3.4	--	0.64
	Trichlorofluoromethane	µg/m³	6.8	--	1.7	2.9	--	1.5	12	--	1.4	39	--	1.2	48	--	1.6	1.2	J	1.2
	Vinyl chloride	µg/m³	ND	U	0.9	ND	U	0.82	ND	U	0.76	ND	U	0.66	ND	U	0.83	ND	U	0.64
	Xylenes, Total	µg/m³	16	--	1.8	11	--	1.6	8.3	--	1.5	27	--	1.3	11	--	1.7	0.61	J	1.3

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106124-050			KAFB-106124-150			KAFB-106124-250			KAFB-106124-250			KAFB-106124-350			KAFB-106124-450		
	Field Sample ID:		SV124-050-212			SV124-150-212			SV124-250-212			SV124-250-612			SV124-350-212			SV124-450-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021		
	Sample Type:		REG			REG			REG			Field Duplicate			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.54	J	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	3.2	ND	U	11
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	1,2,4-trimethylbenzene	µg/m³	0.6	J	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	1,2-dibromoethane	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	1,2-dichloroethane	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	1,4-dioxane	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	2-butanone	µg/m³	7.3	--	1.6	0.78	J	1.5	0.95	J	1.5	36	--	1.4	ND	U	3.1	20	J	10
	2-hexanone	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	0.72	J	0.77	ND	U	1.7	ND	U	5.5
	4-methyl-2-pentanone	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	1.3	J	0.77	ND	U	1.7	ND	U	5.5
	Acetone	µg/m³	33	--	13	9.5	J	13	10	J	13	120	--	12	ND	U	26	ND	U	88
	Benzene	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	0.51	J	0.77	22	--	1.7	52	--	5.5
	Bromodichloromethane	µg/m³	250	--	0.84	23	--	0.82	ND	U	0.81	0.35	J	0.77	ND	U	1.7	26	--	5.5
	Bromoform	µg/m³	13	--	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	Carbon disulfide	µg/m³	10	--	2.7	2.8	J	2.6	7.7	--	2.6	13	--	2.4	8.7	J	5.3	38	--	18
	Carbon tetrachloride	µg/m³	32	--	0.84	37	--	0.82	4.7	--	0.81	4.1	--	0.77	ND	U	1.7	25	--	5.5
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	Chloroform	µg/m³	1600	--	8.4	220	--	0.82	3.7	--	0.81	4.4	--	0.77	ND	U	1.7	220	--	5.5
	Chloromethane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	2.1	J	1.4	ND	U	3.1	3.6	J	10
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	1.5	17	--	3.3	140	--	11
	Dibromochloromethane	µg/m³	55	--	0.84	1.9	J	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	Dichlorodifluoromethane	µg/m³	2.5	J	1.6	1.8	J	1.5	1.3	J	1.5	1.3	J	1.4	1.6	J	3.1	ND	U	10
	Ethanol	µg/m³	7.1	J	4.1	2.9	J	4	3.1	J	4	10	J	3.8	5.5	J	8.1	36	J	27
	Ethyl acetate	µg/m³	ND	U	3.2	ND	U	3.1	ND	U	3.1	ND	U	2.9	ND	U	6.3	ND	U	21
	Ethylbenzene	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	Hexane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	2.9	J	3.1	15	J	10
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	1.8	J	3.1	ND	U	3	ND	U	3	1.5	J	2.9	ND	U	6.1	ND	U	20
	m,p-Xylene	µg/m³	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	3.3	5.4	J	11
	Methylene Chloride	µg/m³	2.5	J	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	Naphthalene	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3	ND	U	10
	n-Heptane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	o-Xylene	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	5.2	J	5.5
	Propylene (propene)	µg/m³	0.9	J	1.6	ND	U	1.5	ND	U	1.5	5.3	--	1.4	3.3	J	3.1	ND	U	10
	Styrene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	3.1	ND	U	10
	Tetrachloroethene	µg/m³	14	--	0.84	8	--	0.82	0.41	J	0.81	0.64	J	0.77	20	--	1.7	6.6	J	5.5
	Tetrahydrofuran	µg/m³	130	--	0.84	1.3	J	0.82	4.8	--	0.81	11	--	0.77	6.3	J	1.7	19	J	5.5
	Toluene	µg/m³	0.56	J	0.84	0.67	J	0.82	ND	U	0.81	1.1	J	0.77	0.71	J	1.7	48	--	5.5
	Trichloroethene	µg/m³	5.9	--	0.84	0.72	J	0.82	1.1	J	0.81	ND	U	0.77	1.6	J	1.7	ND	U	5.5
	Trichlorofluoromethane	µg/m³	1.2	J	1.6	1.2	J	1.5	1	J	1.5	1.1	J	1.4	ND	U	3.1	ND	U	10
	Vinyl chloride	µg/m³	ND	U	0.84	ND	U	0.82	ND	U	0.81	ND	U	0.77	ND	U	1.7	ND	U	5.5
	Xylenes, Total	µg/m³	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	3.3	11	J	11

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106125-025			KAFB-106125-050			KAFB-106125-150			KAFB-106125-250			KAFB-106125-350			KAFB-106125-450		
	Field Sample ID:		SV125-025-212			SV125-050-212			SV125-150-212			SV125-250-212			SV125-350-212			SV125-450-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.48	J	0.86	0.45	J	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	1,1-dichloroethane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.7	ND	U	1.6	ND	U	1.9	ND	U	100
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	1,2-dibromoethane	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	1,2-dichloroethane	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	1,4-dioxane	µg/m³	1.5	J	0.86	0.38	J	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	2-butanone	µg/m³	4.5	J	1.6	0.93	J	1.6	1.5	J	1.6	4.2	J	1.6	1.1	J	1.8	ND	U	100
	2-hexanone	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	4-methyl-2-pentanone	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	Acetone	µg/m³	18	J	14	8.9	J	14	12	J	14	22	J	13	ND	U	15	ND	U	840
	Benzene	µg/m³	0.42	J	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	170	--	53
	Bromodichloromethane	µg/m³	78	--	0.86	230	--	0.87	3.1	--	0.85	ND	U	0.82	ND	U	0.97	34	J	53
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	Carbon disulfide	µg/m³	3	J	2.7	2.2	J	2.8	4.4	J	2.7	3.6	J	2.6	4.1	J	3.1	210	J	170
	Carbon tetrachloride	µg/m³	7.1	--	0.86	23	--	0.87	37	--	0.85	1.6	J	0.82	ND	U	0.97	ND	U	53
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	Chloroform	µg/m³	760	--	8.6	1300	--	8.7	77	--	0.85	1.3	J	0.82	0.62	J	0.97	410	--	53
	Chloromethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	39	J	100
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.7	ND	U	1.6	4.6	J	1.9	ND	U	110
	Dibromochloromethane	µg/m³	1.1	J	0.86	7	--	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	Dichlorodifluoromethane	µg/m³	2.6	J	1.6	2.6	J	1.6	1.6	J	1.6	0.63	J	1.6	ND	U	1.8	ND	U	100
	Ethanol	µg/m³	21	J	4.2	6.4	J	4.2	4.4	J	4.2	8.9	J	4	16	J	4.8	290	J	260
	Ethyl acetate	µg/m³	ND	U	3.3	ND	U	3.3	ND	U	3.3	ND	U	3.2	ND	U	3.7	ND	U	200
	Ethylbenzene	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	33	J	53
	Hexane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	1.3	J	1.8	ND	U	100
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	2.2	J	3.2	ND	U	3.2	2.9	J	3.2	1.6	J	3.1	ND	U	3.6	ND	U	200
	m,p-Xylene	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.7	ND	U	1.6	ND	U	1.9	59	J	110
	Methylene Chloride	µg/m³	1.7	J	1.6	2.7	--	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	Naphthalene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.8	ND	U	97
	n-Heptane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	o-Xylene	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	Propylene (propene)	µg/m³	0.73	J	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	Styrene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.6	ND	U	1.8	ND	U	100
	Tetrachloroethene	µg/m³	9.5	--	0.86	14	--	0.87	6.3	--	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	Tetrahydrofuran	µg/m³	8.3	--	0.86	14	--	0.87	13	--	0.85	8.4	--	0.82	8.9	--	0.97	41	J	53
	Toluene	µg/m³	0.95	J	0.86	0.47	J	0.87	ND	U	0.85	1.5	J	0.82	0.53	J	0.97	500	--	53
	Trichloroethene	µg/m³	1.3	J	0.86	2.7	--	0.87	74	--	0.85	ND	U	0.82	4.2	--	0.97	ND	U	53
	Trichlorofluoromethane	µg/m³	1.3	J	1.6	1.3	J	1.6	1.6	J	1.6	1.2	J	1.6	ND	U	1.8	ND	U	100
	Vinyl chloride	µg/m³	ND	U	0.86	ND	U	0.87	ND	U	0.85	ND	U	0.82	ND	U	0.97	ND	U	53
	Xylenes, Total	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.7	ND	U	1.6	ND	U	1.9	59	J	110

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106126-025			KAFB-106126-050			KAFB-106126-150			KAFB-106126-250			KAFB-106126-350			KAFB-106126-450		
	Field Sample ID:		SV126-025-212			SV126-050-212			SV126-150-212			SV126-250-212			SV126-350-212			SV126-450-212		
	Sample Date:		4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	26	--	0.8	0.47	J	0.8	ND	U	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.7	ND	U	1.3	ND	U	11	ND	U	280
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	1,2,4-trimethylbenzene	µg/m³	14	--	0.8	5.3	--	0.8	4.5	--	0.85	3.9	--	0.69	9.2	J	5.9	ND	U	140
	1,2-dibromoethane	µg/m³	ND	U	0.8	ND	U	0.8	ND	U	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	1,2-dichloroethane	µg/m³	ND	U	0.8	ND	U	0.8	ND	U	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	1,3,5-trimethylbenzene	µg/m³	3.3	--	0.8	1.2	J	0.8	1.1	J	0.85	0.9	J	0.69	ND	U	5.9	ND	U	140
	1,3-butadiene	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	1,4-dioxane	µg/m³	ND	U	0.8	ND	U	0.8	ND	U	0.85	0.27	J	0.69	ND	U	5.9	ND	U	140
	2-butanone	µg/m³	1.9	J	1.5	7.3	--	1.5	8.4	--	1.6	6.6	--	1.3	6.8	J	11	ND	U	270
	2-hexanone	µg/m³	ND	U	0.8	0.7	J	0.8	0.8	J	0.85	0.64	J	0.69	ND	U	5.9	ND	U	140
	4-methyl-2-pentanone	µg/m³	ND	U	0.8	ND	U	0.8	ND	U	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	Acetone	µg/m³	8.4	J	13	7.7	J	13	14	J	14	11	J	11	ND	U	93	ND	U	2300
	Benzene	µg/m³	0.58	J	0.8	0.48	J	0.8	0.5	J	0.85	0.59	J	0.69	7.7	J	5.9	ND	U	140
	Bromodichloromethane	µg/m³	9.2	--	0.8	56	--	0.8	2.2	J	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	Bromoform	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	Carbon disulfide	µg/m³	ND	U	2.5	1.4	J	2.5	5.5	--	2.7	2.2	J	2.2	ND	U	19	ND	U	450
	Carbon tetrachloride	µg/m³	5.4	--	0.8	17	--	0.8	14	--	0.85	2.2	--	0.69	ND	U	5.9	ND	U	140
	Chloroethane	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	Chloroform	µg/m³	120	--	0.8	490	--	8	38	--	0.85	1.1	J	0.69	ND	U	5.9	ND	U	140
	Chloromethane	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	0.53	J	1.3	ND	U	11	ND	U	270
	Cyclohexane	µg/m³	0.95	J	1.6	ND	U	1.6	ND	U	1.7	ND	U	1.4	63	--	12	3500	--	290
	Dibromochloromethane	µg/m³	ND	U	0.8	1	J	0.8	ND	U	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	Dichlorodifluoromethane	µg/m³	1.8	J	1.5	1.9	J	1.5	0.88	J	1.6	0.44	J	1.3	ND	U	11	ND	U	270
	Ethanol	µg/m³	7.4	J	3.9	19	J	3.9	25	J	4.2	21	J	3.4	32	J	29	ND	U	700
	Ethyl acetate	µg/m³	ND	U	3.1	ND	U	3.1	ND	U	3.3	ND	U	2.6	ND	U	22	ND	U	550
	Ethylbenzene	µg/m³	1.1	J	0.8	0.53	J	0.8	0.44	J	0.85	0.45	J	0.69	ND	U	5.9	ND	U	140
	Hexane	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	10	J	11	950	--	270
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	12	--	3	1.8	J	3	3.3	J	3.2	410	--	2.6	16	J	22	ND	U	530
	m,p-Xylene	µg/m³	6.1	--	1.6	2.7	J	1.6	2.3	J	1.7	2.3	J	1.4	6.4	J	12	ND	U	290
	Methylene Chloride	µg/m³	ND	U	1.5	0.84	J	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	Naphthalene	µg/m³	3.1	--	1.5	1.6	J	1.5	1.2	J	1.6	1.3	J	1.3	ND	U	11	ND	U	260
	n-Heptane	µg/m³	0.6	J	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	o-Xylene	µg/m³	2.1	J	0.8	0.87	J	0.8	0.82	J	0.85	0.73	J	0.69	ND	U	5.9	ND	U	140
	Propylene (propene)	µg/m³	1.8	J	1.5	ND	U	1.5	3.6	--	1.6	57	--	1.3	ND	U	11	ND	U	270
	Styrene	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	11	ND	U	270
	Tetrachloroethene	µg/m³	2.1	J	0.8	5.6	--	0.8	2.8	--	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	Tetrahydrofuran	µg/m³	ND	U	0.8	5.1	--	0.8	19	--	0.85	29	--	0.69	ND	U	5.9	ND	U	140
	Toluene	µg/m³	2.7	--	0.8	1.6	J	0.8	1.2	J	0.85	1.7	J	0.69	3.7	J	5.9	ND	U	140
	Trichloroethene	µg/m³	14	--	0.8	1.7	J	0.8	ND	U	0.85	ND	U	0.69	3.5	J	5.9	ND	U	140
	Trichlorofluoromethane	µg/m³	0.99	J	1.5	1	J	1.5	1.3	J	1.6	1.2	J	1.3	ND	U	11	ND	U	270
	Vinyl chloride	µg/m³	ND	U	0.8	ND	U	0.8	ND	U	0.85	ND	U	0.69	ND	U	5.9	ND	U	140
	Xylenes, Total	µg/m³	8.2	--	1.6	3.6	J	1.6	3.2	J	1.7	3	J	1.4	6.4	J	12	ND	U	290

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106127-025			KAFB-106127-050			KAFB-106127-150			KAFB-106127-250			KAFB-106127-250			KAFB-106127-350		
	Field Sample ID:		SV127-025-212			SV127-050-212			SV127-150-212			SV127-250-212			SV127-250-612			SV127-350-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021		
	Sample Type:		REG			REG			REG			REG			Field Duplicate			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.43	J	0.88	0.44	J	0.88	ND	U	0.77	0.77	J	1.1	ND	U	0.85	ND	U	0.88
	1,1-dichloroethane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.5	ND	U	2.2	ND	U	1.7	ND	U	1.7
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.4	ND	U	2.1	ND	U	1.6	ND	U	1.7
	1,2,4-trimethylbenzene	µg/m³	0.72	J	0.88	ND	U	0.88	ND	U	0.77	0.85	J	1.1	ND	U	0.85	ND	U	0.88
	1,2-dibromoethane	µg/m³	ND	U	0.88	ND	U	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	1,2-dichloroethane	µg/m³	ND	U	0.88	ND	U	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.88	ND	U	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	1,3-butadiene	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.4	ND	U	2.1	ND	U	1.6	ND	U	1.7
	1,4-dioxane	µg/m³	ND	U	0.88	0.55	J	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	2-butanone	µg/m³	3.9	J	1.7	13	--	1.7	3.1	J	1.4	ND	U	2.1	0.98	J	1.6	1.7	J	1.7
	2-hexanone	µg/m³	1.1	J	0.88	1.9	J	0.88	1.1	J	0.77	2.3	J	1.1	ND	U	0.85	ND	U	0.88
	4-methyl-2-pentanone	µg/m³	0.87	J	0.88	ND	U	0.88	ND	U	0.77	1.0	J	1.1	ND	U	0.85	ND	U	0.88
	Acetone	µg/m³	ND	U	14	28	--	14	17	J	12	64	--	18	9.5	J	14	ND	U	14
	Benzene	µg/m³	0.7	J	0.88	ND	U	0.88	0.83	J	0.77	0.90	J	1.1	0.4	J	0.85	2.5	J	0.88
	Bromodichloromethane	µg/m³	59	--	0.88	85	--	0.88	7.4	--	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	Bromoform	µg/m³	ND	U	1.7	2.3	J	1.7	ND	U	1.4	ND	U	2.1	ND	U	1.6	ND	U	1.7
	Carbon disulfide	µg/m³	0.93	J	2.8	5.1	J	2.8	0.82	J	2.4	340	--	3.5	8.1	--	2.7	36	--	2.8
	Carbon tetrachloride	µg/m³	11	--	0.88	23	--	0.88	19	--	0.77	6.1	--	1.1	4.1	--	0.85	ND	U	0.88
	Chloroethane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.4	ND	U	2.1	ND	U	1.6	ND	U	1.7
	Chloroform	µg/m³	600	--	8.8	590	--	8.8	90	--	0.77	4.8	--	1.1	4	--	0.85	ND	U	0.88
	Chloromethane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.4	0.58	J	2.1	ND	U	1.6	ND	U	1.7
	Cyclohexane	µg/m³	1.1	J	1.8	ND	U	1.8	ND	U	1.5	ND	U	2.2	ND	U	1.7	5.1	J	1.8
	Dibromochloromethane	µg/m³	0.77	J	0.88	19	--	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	Dichlorodifluoromethane	µg/m³	2.4	J	1.7	2.5	J	1.7	1.4	J	1.4	3.9	--	2.1	1	J	1.6	0.75	J	1.7
	Ethanol	µg/m³	32	--	4.3	11	J	4.3	8.7	J	3.7	45	--	5.4	2.4	J	4.2	4.2	J	4.3
	Ethyl acetate	µg/m³	ND	U	3.4	ND	U	3.4	ND	U	2.9	23	--	4.3	ND	U	3.3	ND	U	3.4
	Ethylbenzene	µg/m³	1.2	J	0.88	ND	U	0.88	ND	U	0.77	0.69	J	1.1	ND	U	0.85	ND	U	0.88
	Hexane	µg/m³	3.5	--	1.7	ND	U	1.7	ND	U	1.4	4.9	--	2.1	ND	U	1.6	2.0	J	1.7
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	3.8	J	3.3	1.4	J	3.3	ND	U	2.8	5.5	J	4.1	ND	U	3.2	1.6	J	3.3
	m,p-Xylene	µg/m³	3.7	J	1.8	ND	U	1.8	1.2	J	1.5	2.4	J	2.2	ND	U	1.7	ND	U	1.8
	Methylene Chloride	µg/m³	3.5	--	1.7	ND	U	1.7	ND	U	1.4	2.5	J	2.1	ND	U	1.6	ND	U	1.7
	Naphthalene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.4	ND	U	2	ND	U	1.6	ND	U	1.6
	n-Heptane	µg/m³	1.4	J	1.7	ND	U	1.7	0.49	J	1.4	1.1	J	2.1	ND	U	1.6	ND	U	1.7
	o-Xylene	µg/m³	1.4	J	0.88	ND	U	0.88	0.4	J	0.77	0.85	J	1.1	ND	U	0.85	ND	U	0.88
	Propylene (propene)	µg/m³	ND	U	1.7	0.89	J	1.7	0.99	J	1.4	2.7	J	2.1	ND	U	1.6	1.7	J	1.7
	Styrene	µg/m³	0.87	J	1.7	ND	U	1.7	ND	U	1.4	ND	U	2.1	ND	U	1.6	ND	U	1.7
	Tetrachloroethene	µg/m³	3.5	--	0.88	7	--	0.88	3	--	0.77	0.55	J	1.1	ND	U	0.85	0.65	J	0.88
	Tetrahydrofuran	µg/m³	2.2	J	0.88	66	--	0.88	1.1	J	0.77	4.0	J	1.1	2	J	0.85	ND	U	0.88
	Toluene	µg/m³	26	--	0.88	0.88	J	0.88	1.9	J	0.77	11	--	1.1	0.67	J	0.85	1.1	J	0.88
	Trichloroethene	µg/m³	4.4	--	0.88	2.7	--	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	1.0	J	0.88
	Trichlorofluoromethane	µg/m³	1.2	J	1.7	1.3	J	1.7	1.4	J	1.4	2.1	J	2.1	1.4	J	1.6	ND	U	1.7
	Vinyl chloride	µg/m³	ND	U	0.88	ND	U	0.88	ND	U	0.77	ND	U	1.1	ND	U	0.85	ND	U	0.88
	Xylenes, Total	µg/m³	5	J	1.8	ND	U	1.8	1.6	J	1.5	3.3	J	2.2	ND	U	1.7	ND	U	1.8

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106127-450			KAFB-106128-025			KAFB-106128-050			KAFB-106128-150			KAFB-106128-250			KAFB-106128-350		
	Field Sample ID:		SV127-450-212			SV128-025-212			SV128-050-212			SV128-150-212			SV128-250-212			SV128-350-212		
	Sample Date:		4/5/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	1.2	170	--	1.2	180	--	1.6	180	--	0.84	280	J	510	ND	U	1000
	1,1-dichloroethane	µg/m³	ND	U	2.4	ND	U	2.2	ND	U	3.1	ND	U	1.6	ND	U	1000	ND	U	2000
	1,2,4-trichlorobenzene	µg/m³	ND	U	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	1,2,4-trimethylbenzene	µg/m³	ND	U	1.2	42	--	1.2	68	--	1.6	26	--	0.84	2000	--	510	3400	--	1000
	1,2-dibromoethane	µg/m³	ND	U	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	1300	J	1000
	1,2-dichloroethane	µg/m³	ND	U	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	1,3,5-trimethylbenzene	µg/m³	ND	U	1.2	9.6	--	1.2	16	--	1.6	6.2	--	0.84	1700	--	510	4100	--	1000
	1,3-butadiene	µg/m³	ND	U	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	1,4-dioxane	µg/m³	ND	U	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	2-butanone	µg/m³	6.8	J	2.3	4.5	J	2.2	6.7	J	3	1.3	J	1.6	ND	U	970	ND	U	1900
	2-hexanone	µg/m³	ND	U	1.2	1.2	J	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	4-methyl-2-pentanone	µg/m³	ND	U	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	Acetone	µg/m³	ND	U	20	21	J	18	30	J	25	ND	U	13	ND	U	8200	ND	U	16000
	Benzene	µg/m³	1.6	J	1.2	3.0	J	1.2	4.7	J	1.6	2.0	J	0.84	4100	--	510	60000	--	1000
	Bromodichloromethane	µg/m³	73	--	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	Bromoform	µg/m³	1.3	J	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	Carbon disulfide	µg/m³	6.0	J	3.9	6.1	J	3.7	9.3	J	5.1	10	--	2.7	ND	U	1600	ND	U	3200
	Carbon tetrachloride	µg/m³	21	--	1.2	140	--	1.2	150	--	1.6	270	--	0.84	ND	U	510	ND	U	1000
	Chloroethane	µg/m³	ND	U	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	Chloroform	µg/m³	570	--	1.2	5.3	--	1.2	2.8	J	1.6	94	--	0.84	ND	U	510	ND	U	1000
	Chloromethane	µg/m³	1.2	J	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	Cyclohexane	µg/m³	ND	U	2.5	2.0	J	2.3	2.4	J	3.2	0.92	J	1.7	300000	--	1000	410000	--	2000
	Dibromochloromethane	µg/m³	13	--	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	Dichlorodifluoromethane	µg/m³	2.6	J	2.3	720	--	8.7	760	--	3	750	--	16	550	J	970	1800	J	1900
	Ethanol	µg/m³	6.7	J	6	7.3	J	5.6	7.6	J	7.8	2.8	J	4.1	5900	J	2500	ND	U	4900
	Ethyl acetate	µg/m³	ND	U	4.7	ND	U	4.4	ND	U	6.1	ND	U	3.2	ND	U	2000	ND	U	3900
	Ethylbenzene	µg/m³	ND	U	1.2	7.4	--	1.2	9.2	--	1.6	4.1	--	0.84	4700	--	510	14000	--	1000
	Hexane	µg/m³	ND	U	2.3	1.7	J	2.2	2.0	J	3	0.96	J	1.6	140000	--	970	440000	--	1900
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	4.6	ND	U	4.3	2.3	J	5.9	ND	U	3.1	ND	U	1900	ND	U	3700
	m,p-Xylene	µg/m³	ND	U	2.5	33	--	2.3	41	--	3.2	19	--	1.7	9000	--	1000	140000	--	2000
	Methylene Chloride	µg/m³	ND	U	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	Naphthalene	µg/m³	ND	U	2.3	13	--	2.1	6.0	--	2.9	10	--	1.5	ND	U	940	ND	U	1800
	n-Heptane	µg/m³	ND	U	2.3	3.3	J	2.2	4.4	J	3	2.2	J	1.6	220000	--	970	390000	--	1900
	o-Xylene	µg/m³	ND	U	1.2	12	--	1.2	15	--	1.6	6.5	--	0.84	ND	U	510	49000	--	1000
	Propylene (propene)	µg/m³	ND	U	2.3	1.3	J	2.2	2.1	J	3	0.85	J	1.6	2800	--	970	11000	--	1900
	Styrene	µg/m³	ND	U	2.3	ND	U	2.2	ND	U	3	ND	U	1.6	ND	U	970	ND	U	1900
	Tetrachloroethene	µg/m³	7.0	--	1.2	3.2	J	1.2	5.3	--	1.6	3.5	--	0.84	ND	U	510	ND	U	1000
	Tetrahydrofuran	µg/m³	1.9	J	1.2	ND	U	1.2	ND	U	1.6	11	--	0.84	ND	U	510	ND	U	1000
	Toluene	µg/m³	2.1	J	1.2	23	--	1.2	28	--	1.6	12	--	0.84	370	J	510	290000	--	1000
	Trichloroethene	µg/m³	2.8	J	1.2	1.0	J	1.2	3.4	J	1.6	43	--	0.84	ND	U	510	ND	U	1000
	Trichlorofluoromethane	µg/m³	1.3	J	2.3	97	--	2.2	100	--	3	79	--	1.6	ND	U	970	ND	U	1900
	Vinyl chloride	µg/m³	ND	U	1.2	ND	U	1.2	ND	U	1.6	ND	U	0.84	ND	U	510	ND	U	1000
	Xylenes, Total	µg/m³	ND	U	2.5	46	--	2.3	56	--	3.2	26	--	1.7	9000	--	1000	190000	--	2000

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106128-450			KAFB-106129-025			KAFB-106129-050			KAFB-106129-150			KAFB-106129-250			KAFB-106129-350		
	Field Sample ID:		SV128-450-212			SV129-025-212			SV129-050-212			SV129-150-212			SV129-250-212			SV129-350-212		
	Sample Date:		4/6/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	1300	2	J	0.75	2.1	J	0.77	4.2	--	0.73	3.8	--	0.78	2.5	--	0.74
	1,1-dichloroethane	µg/m³	ND	U	2500	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	1,2,4-trichlorobenzene	µg/m³	ND	U	2400	ND	U	1.4	ND	U	1.4	ND	U	1.4	ND	U	1.5	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	5600	--	1300	11	--	0.75	6.7	--	0.77	11	--	0.73	6.8	--	0.78	4.5	--	0.74
	1,2-dibromoethane	µg/m³	4800	--	1300	ND	U	0.75	ND	U	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	1,2-dichloroethane	µg/m³	ND	U	1300	ND	U	0.75	ND	U	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	1,3,5-trimethylbenzene	µg/m³	5000	--	1300	3.2	--	0.75	1.8	J	0.77	3.2	--	0.73	1.9	J	0.78	1.3	J	0.74
	1,3-butadiene	µg/m³	ND	U	2400	ND	U	1.4	ND	U	1.4	ND	U	1.4	ND	U	1.5	ND	U	1.4
	1,4-dioxane	µg/m³	ND	U	1300	ND	U	0.75	ND	U	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	2-butanone	µg/m³	ND	U	2400	5.9	--	1.4	13	--	1.4	6.1	--	1.4	7.8	--	1.5	6.8	--	1.4
	2-hexanone	µg/m³	ND	U	1300	1.1	J	0.75	2.1	J	0.77	0.81	J	0.73	0.94	J	0.78	0.89	J	0.74
	4-methyl-2-pentanone	µg/m³	ND	U	1300	ND	U	0.75	0.57	J	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	Acetone	µg/m³	ND	U	21000	7.9	J	12	16	J	12	6.8	J	12	8.8	J	12	8.6	J	12
	Benzene	µg/m³	33000	--	1300	3.6	--	0.75	2.1	J	0.77	1.8	J	0.73	1.4	J	0.78	1.4	J	0.74
	Bromodichloromethane	µg/m³	ND	U	1300	ND	U	0.75	ND	U	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	Bromoform	µg/m³	ND	U	2400	ND	U	1.4	ND	U	1.4	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Carbon disulfide	µg/m³	1400	J	4100	2.1	J	2.4	2.5	J	2.4	2.5	J	2.3	4.8	--	2.5	8.1	--	2.4
	Carbon tetrachloride	µg/m³	ND	U	1300	2.1	J	0.75	2.3	--	0.77	3.7	--	0.73	2.7	--	0.78	1.8	J	0.74
	Chloroethane	µg/m³	ND	U	2400	ND	U	1.4	ND	U	1.4	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Chloroform	µg/m³	ND	U	1300	0.43	J	0.75	0.62	J	0.77	0.97	J	0.73	0.8	J	0.78	0.63	J	0.74
	Chloromethane	µg/m³	ND	U	2400	ND	U	1.4	0.59	J	1.4	0.48	J	1.4	ND	U	1.5	ND	U	1.4
	Cyclohexane	µg/m³	1000000	--	2600	1.1	J	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.5
	Dibromochloromethane	µg/m³	ND	U	1300	ND	U	0.75	ND	U	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	Dichlorodifluoromethane	µg/m³	2800	J	2400	3.4	--	1.4	3.8	--	1.4	4.8	--	1.4	5.3	--	1.5	11	--	1.4
	Ethanol	µg/m³	16000	J	6300	24	--	3.7	48	--	3.7	25	--	3.5	32	--	3.8	28	--	3.6
	Ethyl acetate	µg/m³	ND	U	5000	ND	U	2.9	ND	U	2.9	ND	U	2.8	ND	U	3	ND	U	2.8
	Ethylbenzene	µg/m³	17000	--	1300	2.4	--	0.75	1.3	J	0.77	1.6	J	0.73	1.1	J	0.78	0.89	J	0.74
	Hexane	µg/m³	760000	--	2400	1.7	J	1.4	1.3	J	1.4	1.1	J	1.4	0.82	J	1.5	0.84	J	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	3000	J	4800	3.3	J	2.8	3.8	J	2.8	1.8	J	2.7	1.1	J	2.9	24	--	2.8
	m,p-Xylene	µg/m³	310000	--	2600	14	--	1.5	7.2	--	1.5	9.1	--	1.5	6.2	--	1.6	4.7	--	1.5
	Methylene Chloride	µg/m³	ND	U	2400	ND	U	1.4	ND	U	1.4	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Naphthalene	µg/m³	ND	U	2400	3.4	--	1.4	1.6	J	1.4	3.6	--	1.3	2.3	J	1.4	1.5	J	1.4
	n-Heptane	µg/m³	1900000	--	8100	4.1	--	1.4	2.8	--	1.4	2.3	--	1.4	1.8	J	1.5	1.7	J	1.4
	o-Xylene	µg/m³	83000	--	1300	4.8	--	0.75	2.5	--	0.77	3.6	--	0.73	2.4	J	0.78	1.7	J	0.74
	Propylene (propene)	µg/m³	29000	--	2400	1.2	J	1.4	1.3	J	1.4	0.91	J	1.4	0.93	J	1.5	5.8	--	1.4
	Styrene	µg/m³	ND	U	2400	ND	U	1.4	ND	U	1.4	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Tetrachloroethene	µg/m³	ND	U	1300	0.74	J	0.75	0.81	J	0.77	1.7	J	0.73	2.1	J	0.78	1.6	J	0.74
	Tetrahydrofuran	µg/m³	ND	U	1300	1.3	J	0.75	2.3	J	0.77	0.83	J	0.73	0.77	J	0.78	0.89	J	0.74
	Toluene	µg/m³	200000	--	1300	13	--	0.75	7.4	--	0.77	6.4	--	0.73	4.7	--	0.78	4.9	--	0.74
	Trichloroethene	µg/m³	1000	J	1300	ND	U	0.75	ND	U	0.77	2	J	0.73	6.4	--	0.78	4.9	--	0.74
	Trichlorofluoromethane	µg/m³	ND	U	2400	1	J	1.4	1.1	J	1.4	1.1	J	1.4	0.86	J	1.5	1.3	J	1.4
	Vinyl chloride	µg/m³	ND	U	1300	ND	U	0.75	ND	U	0.77	ND	U	0.73	ND	U	0.78	ND	U	0.74
	Xylenes, Total	µg/m³	400000	--	2600	18	--	1.5	9.7	--	1.5	13	--	1.5	8.6	--	1.6	6.4	--	1.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106129-450			KAFB-106130-025			KAFB-106130-050			KAFB-106130-150			KAFB-106130-250			KAFB-106130-350		
	Field Sample ID:		SV129-450-212			SV130-025-212			SV130-050-212			SV130-150-212			SV130-250-212			SV130-350-212		
	Sample Date:		4/19/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	16	2.5	--	0.71	4	--	0.61	7.1	J	3.3	5.8	--	0.79	1.7	J	0.76
	1,1-dichloroethane	µg/m³	ND	U	31	ND	U	1.4	ND	U	1.2	ND	U	6.4	ND	U	1.5	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	30	ND	U	1.3	ND	U	1.2	ND	U	6.2	ND	U	1.5	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	42	J	16	59	--	0.71	17	--	0.61	14	--	3.3	11	--	0.79	5.8	--	0.76
	1,2-dibromoethane	µg/m³	ND	U	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	1,2-dichloroethane	µg/m³	ND	U	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	1,3,5-trimethylbenzene	µg/m³	150	--	16	14	--	0.71	4.1	--	0.61	3.8	J	3.3	2.6	--	0.79	1.4	J	0.76
	1,3-butadiene	µg/m³	ND	U	30	ND	U	1.3	ND	U	1.2	ND	U	6.2	ND	U	1.5	ND	U	1.4
	1,4-dioxane	µg/m³	ND	U	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	2-butanone	µg/m³	48	J	30	6.2	--	1.3	5.9	--	1.2	9.8	J	6.2	11	--	1.5	6.6	--	1.4
	2-hexanone	µg/m³	ND	U	16	1.2	J	0.71	0.71	J	0.61	ND	U	3.3	1.4	J	0.79	0.61	J	0.76
	4-methyl-2-pentanone	µg/m³	ND	U	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	Acetone	µg/m³	ND	U	260	11	J	11	15	J	9.7	ND	U	52	14	J	12	9.6	J	12
	Benzene	µg/m³	1900	--	16	1.2	J	0.71	0.63	J	0.61	7.1	J	3.3	0.61	J	0.79	1.6	J	0.76
	Bromodichloromethane	µg/m³	ND	U	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	Bromoform	µg/m³	ND	U	30	ND	U	1.3	ND	U	1.2	ND	U	6.2	ND	U	1.5	ND	U	1.4
	Carbon disulfide	µg/m³	260	--	51	1.3	J	2.3	0.92	J	1.9	4.4	J	10	8.8	--	2.5	17	--	2.4
	Carbon tetrachloride	µg/m³	ND	U	16	0.81	J	0.71	1.1	J	0.61	ND	U	3.3	1.2	J	0.79	1	J	0.76
	Chloroethane	µg/m³	7.5	J	30	ND	U	1.3	ND	U	1.2	ND	U	6.2	ND	U	1.5	ND	U	1.4
	Chloroform	µg/m³	ND	U	16	0.78	J	0.71	0.94	J	0.61	ND	U	3.3	0.38	J	0.79	0.6	J	0.76
	Chloromethane	µg/m³	49	--	30	ND	U	1.3	0.43	J	1.2	ND	U	6.2	ND	U	1.5	0.63	J	1.4
	Cyclohexane	µg/m³	770	--	32	0.69	J	1.4	ND	U	1.2	18	J	6.6	ND	U	1.6	ND	U	1.5
	Dibromochloromethane	µg/m³	ND	U	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	Dichlorodifluoromethane	µg/m³	11	J	30	2.7	--	1.3	3.4	--	1.2	4.7	J	6.2	2.3	J	1.5	2.6	--	1.4
	Ethanol	µg/m³	ND	U	78	24	--	3.5	31	--	3	27	J	16	43	--	3.8	23	J	3.7
	Ethyl acetate	µg/m³	ND	U	61	ND	U	2.7	3.3	J	2.3	ND	U	13	ND	U	3	ND	U	2.9
	Ethylbenzene	µg/m³	110	--	16	5.5	--	0.71	1.6	J	0.61	3.8	J	3.3	1.2	J	0.79	0.77	J	0.76
	Hexane	µg/m³	540	--	30	0.84	J	1.3	ND	U	1.2	160	--	6.2	ND	U	1.5	ND	U	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	67	J	60	17	--	2.6	350	--	2.3	ND	U	12	18	--	2.9	2.9	J	2.8
	m,p-Xylene	µg/m³	380	--	32	31	--	1.4	9.1	--	1.2	14	J	6.6	6.7	--	1.6	3.7	J	1.5
	Methylene Chloride	µg/m³	ND	U	30	ND	U	1.3	0.73	J	1.2	ND	U	6.2	ND	U	1.5	ND	U	1.4
	Naphthalene	µg/m³	ND	U	29	13	--	1.3	4.7	--	1.1	4.3	J	6	2.9	--	1.4	1.7	J	1.4
	n-Heptane	µg/m³	520	--	30	1.9	J	1.3	0.61	J	1.2	64	--	6.2	0.52	J	1.5	ND	U	1.4
	o-Xylene	µg/m³	230	--	16	10	--	0.71	3.1	--	0.61	6.5	J	3.3	2.2	J	0.79	1.2	J	0.76
	Propylene (propene)	µg/m³	130	--	30	3.1	--	1.3	49	--	1.2	1400	--	6.2	3.5	--	1.5	1.5	J	1.4
	Styrene	µg/m³	ND	U	30	ND	U	1.3	ND	U	1.2	ND	U	6.2	ND	U	1.5	ND	U	1.4
	Tetrachloroethene	µg/m³	ND	U	16	2.3	--	0.71	2.4	--	0.61	7.6	J	3.3	7.9	--	0.79	1.6	J	0.76
	Tetrahydrofuran	µg/m³	62	J	16	ND	U	0.71	13	--	0.61	2	J	3.3	1.9	J	0.79	5.6	--	0.76
	Toluene	µg/m³	2400	--	16	8.2	--	0.71	2.9	--	0.61	16	--	3.3	2.6	--	0.79	5.1	--	0.76
	Trichloroethene	µg/m³	13	J	16	3.7	--	0.71	4.8	--	0.61	3.6	J	3.3	16	--	0.79	3.6	--	0.76
	Trichlorofluoromethane	µg/m³	ND	U	30	1.1	J	1.3	1.2	J	1.2	ND	U	6.2	0.86	J	1.5	0.93	J	1.4
	Vinyl chloride	µg/m³	8.9	J	16	ND	U	0.71	ND	U	0.61	ND	U	3.3	ND	U	0.79	ND	U	0.76
	Xylenes, Total	µg/m³	620	--	32	42	--	1.4	12	--	1.2	21	--	6.6	8.9	--	1.6	4.9	--	1.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106130-450			KAFB-106130-450			KAFB-106131-025			KAFB-106131-055			KAFB-106131-150			KAFB-106131-245		
	Field Sample ID:		SV130-450-212			SV130-450-612			SV131-025-212			SV131-055-212			SV131-150-212			SV131-245-212		
	Sample Date:		4/20/2021			4/20/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021		
	Sample Type:		REG			Field Duplicate			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	65	J	35	ND	U	14	32	--	0.89	35	--	0.81	45	--	0.78	29	--	0.79
	1,1-dichloroethane	µg/m³	ND	U	68	ND	U	28	ND	U	1.7	ND	U	1.6	ND	U	1.5	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	66	ND	U	27	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	19	J	35	30	J	14	26	--	0.89	4.5	--	0.81	8.9	--	0.78	8.9	--	0.79
	1,2-dibromoethane	µg/m³	ND	U	35	ND	U	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	ND	U	0.79
	1,2-dichloroethane	µg/m³	ND	U	35	ND	U	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	ND	U	0.79
	1,3,5-trimethylbenzene	µg/m³	19	J	35	12	J	14	8.1	--	0.89	1.4	J	0.81	2.3	J	0.78	2.2	J	0.79
	1,3-butadiene	µg/m³	ND	U	66	ND	U	27	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	35	ND	U	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	0.49	J	0.79
	2-butanone	µg/m³	66	J	66	83	J	27	2.7	J	1.7	8.8	--	1.5	2.0	J	1.5	2.5	J	1.5
	2-hexanone	µg/m³	ND	U	35	ND	U	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	0.66	J	0.79
	4-methyl-2-pentanone	µg/m³	ND	U	35	19	J	14	ND	U	0.89	0.77	J	0.81	ND	U	0.78	ND	U	0.79
	Acetone	µg/m³	ND	U	550	ND	U	230	15	J	14	59	--	13	14	J	12	15	J	12
	Benzene	µg/m³	2600	--	35	2000	--	14	1.5	J	0.89	1.7	J	0.81	1.8	J	0.78	5.4	--	0.79
	Bromodichloromethane	µg/m³	ND	U	35	ND	U	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	ND	U	0.79
	Bromoform	µg/m³	ND	U	66	ND	U	27	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1.5
	Carbon disulfide	µg/m³	94	J	110	110	--	45	2.7	J	2.8	25	--	2.6	9.5	--	2.5	9.7	--	2.5
	Carbon tetrachloride	µg/m³	ND	U	35	ND	U	14	12	--	0.89	14	--	0.81	31	--	0.78	38	--	0.79
	Chloroethane	µg/m³	ND	U	66	ND	U	27	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1.5
	Chloroform	µg/m³	ND	U	35	ND	U	14	2.3	J	0.89	1.3	J	0.81	1.9	J	0.78	4.2	--	0.79
	Chloromethane	µg/m³	27	J	66	31	J	27	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1.5
	Cyclohexane	µg/m³	1300	--	70	870	--	28	1.1	J	1.8	7.4	--	1.6	ND	U	1.6	ND	U	1.6
	Dibromochloromethane	µg/m³	ND	U	35	ND	U	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	ND	U	0.79
	Dichlorodifluoromethane	µg/m³	24	J	66	ND	U	27	140	--	1.7	150	--	1.5	470	--	1.5	450	--	15
	Ethanol	µg/m³	990	J	170	45	J	69	2.3	J	4.3	27	--	4	2.5	J	3.8	9.3	J	3.8
	Ethyl acetate	µg/m³	ND	U	130	ND	U	54	ND	U	3.4	53	--	3.1	ND	U	3	ND	U	3
	Ethylbenzene	µg/m³	59	J	35	62	--	14	3.6	--	0.89	1.2	J	0.81	1.2	J	0.78	1.2	J	0.79
	Hexane	µg/m³	350	--	66	320	--	27	1.0	J	1.7	6.6	--	1.5	ND	U	1.5	ND	U	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	80	J	130	33	J	53	ND	U	3.3	11	--	3	ND	U	2.9	ND	U	2.9
	m,p-Xylene	µg/m³	170	J	70	160	--	28	20	--	1.8	5.2	--	1.6	6.7	--	1.6	6.7	--	1.6
	Methylene Chloride	µg/m³	67	J	66	ND	U	27	0.93	J	1.7	2.8	--	1.5	ND	U	1.5	ND	U	1.5
	Naphthalene	µg/m³	ND	U	64	ND	U	26	6.8	--	1.6	0.74	J	1.5	1.5	J	1.4	2.5	--	1.4
	n-Heptane	µg/m³	200	--	66	130	--	27	3.2	--	1.7	7.2	--	1.5	1.1	J	1.5	1.1	J	1.5
	o-Xylene	µg/m³	66	J	35	45	--	14	6.7	--	0.89	1.9	J	0.81	2.0	J	0.78	1.9	J	0.79
	Propylene (propene)	µg/m³	150	--	66	34	J	27	1.6	J	1.7	3.4	--	1.5	0.65	J	1.5	0.68	J	1.5
	Styrene	µg/m³	ND	U	66	ND	U	27	ND	U	1.7	ND	U	1.5	ND	U	1.5	ND	U	1.5
	Tetrachloroethene	µg/m³	17	J	35	ND	U	14	0.85	J	0.89	0.50	J	0.81	0.46	J	0.78	ND	U	0.79
	Tetrahydrofuran	µg/m³	20	J	35	21	J	14	0.63	J	0.89	1.7	J	0.81	8.3	--	0.78	15	--	0.79
	Toluene	µg/m³	1300	--	35	1300	--	14	10	--	0.89	13	--	0.81	3.4	--	0.78	3.1	--	0.79
	Trichloroethene	µg/m³	19	J	35	18	J	14	ND	U	0.89	ND	U	0.81	0.63	J	0.78	0.44	J	0.79
	Trichlorofluoromethane	µg/m³	ND	U	66	ND	U	27	17	--	1.7	19	--	1.5	53	--	1.5	54	--	1.5
	Vinyl chloride	µg/m³	ND	U	35	5.1	J	14	ND	U	0.89	ND	U	0.81	ND	U	0.78	ND	U	0.79
	Xylenes, Total	µg/m³	240	--	70	200	--	28	27	--	1.8	7.1	--	1.6	8.7	--	1.6	8.5	--	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106131-350			KAFB-106131-450			KAFB-106132-025			KAFB-106132-050			KAFB-106132-175			KAFB-106132-250		
	Field Sample ID:		SV131-350-212			SV131-450-212			SV132-025-212			SV132-050-212			SV132-175-212			SV132-250-212		
	Sample Date:		4/13/2021			4/13/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	350	--	11	390	J	150	14	J	18	18	J	23	28	J	53	ND	U	34
	1,1-dichloroethane	µg/m³	ND	U	21	ND	U	300	ND	U	35	ND	U	44	ND	U	100	ND	U	66
	1,2,4-trichlorobenzene	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	1,2,4-trimethylbenzene	µg/m³	13	J	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	1,2-dibromoethane	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	1,2-dichloroethane	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	1,3,5-trimethylbenzene	µg/m³	5.5	J	11	130	J	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	1,3-butadiene	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	1,4-dioxane	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	2-butanone	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	2-hexanone	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	4-methyl-2-pentanone	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Acetone	µg/m³	ND	U	180	ND	U	2500	ND	U	290	ND	U	360	ND	U	850	ND	U	540
	Benzene	µg/m³	ND	U	11	4500	--	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Bromodichloromethane	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Bromoform	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Carbon disulfide	µg/m³	130	--	35	340	J	490	ND	U	58	ND	U	72	ND	U	170	ND	U	110
	Carbon tetrachloride	µg/m³	12	J	11	ND	U	150	8.3	J	18	12	J	23	27	J	53	ND	U	34
	Chloroethane	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Chloroform	µg/m³	ND	U	11	ND	U	150	12	J	18	19	J	23	ND	U	53	34	J	34
	Chloromethane	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Cyclohexane	µg/m³	3300	--	22	1900	--	310	ND	U	36	ND	U	45	ND	U	110	ND	U	68
	Dibromochloromethane	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Dichlorodifluoromethane	µg/m³	5600	--	21	6600	--	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Ethanol	µg/m³	ND	U	54	ND	U	760	ND	U	88	ND	U	110	290	J	260	120	J	170
	Ethyl acetate	µg/m³	ND	U	42	ND	U	590	ND	U	69	ND	U	86	ND	U	200	ND	U	130
	Ethylbenzene	µg/m³	ND	U	11	140	J	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Hexane	µg/m³	350	--	21	630	--	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	41	ND	U	570	ND	U	67	ND	U	84	ND	U	200	ND	U	130
	m,p-Xylene	µg/m³	12	J	22	320	J	310	ND	U	36	ND	U	45	ND	U	110	ND	U	68
	Methylene Chloride	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Naphthalene	µg/m³	ND	U	20	ND	U	280	ND	U	33	ND	U	41	ND	U	97	ND	U	62
	n-Heptane	µg/m³	ND	U	21	940	--	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	o-Xylene	µg/m³	11	J	11	150	J	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Propylene (propene)	µg/m³	180	--	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Styrene	µg/m³	ND	U	21	ND	U	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Tetrachloroethene	µg/m³	17	J	11	240	J	150	23	J	18	50	J	23	100	J	53	52	J	34
	Tetrahydrofuran	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	150	J	34
	Toluene	µg/m³	7.5	J	11	2700	--	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Trichloroethene	µg/m³	ND	U	11	ND	U	150	7600	--	18	12000	--	23	30000	--	53	19000	--	34
	Trichlorofluoromethane	µg/m³	980	--	21	1100	--	290	ND	U	34	ND	U	43	ND	U	100	ND	U	64
	Vinyl chloride	µg/m³	ND	U	11	ND	U	150	ND	U	18	ND	U	23	ND	U	53	ND	U	34
	Xylenes, Total	µg/m³	23	J	22	460	J	310	ND	U	36	ND	U	45	ND	U	110	ND	U	68

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106132-350			KAFB-106132-450			KAFB-106133-025			KAFB-106133-050			KAFB-106133-170			KAFB-106133-250		
	Field Sample ID:		SV132-350-212			SV132-450-212			SV133-025-212			SV133-050-212			SV133-170-212			SV133-250-212		
	Sample Date:		4/12/2021			4/12/2021			4/6/2021			4/6/2021			4/6/2021			4/6/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.62	J	0.85	0.67	J	0.92	7.8	--	0.98	8.8	--	0.83	16	--	1.4	13	--	0.82
	1,1-dichloroethane	µg/m³	ND	U	1.7	2.9	J	1.8	ND	U	1.9	ND	U	1.6	ND	U	2.8	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.85	0.42	J	0.92	0.43	J	0.98	ND	U	0.83	0.74	J	1.4	ND	U	0.82
	1,2-dibromoethane	µg/m³	ND	U	0.85	ND	U	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	1,2-dichloroethane	µg/m³	ND	U	0.85	1.5	J	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.85	ND	U	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	0.85	ND	U	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	2-butanone	µg/m³	10	--	1.6	15	--	1.7	11	--	1.8	3.5	J	1.6	ND	U	2.7	0.87	J	1.5
	2-hexanone	µg/m³	0.97	J	0.85	1.2	J	0.92	1.5	J	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	4-methyl-2-pentanone	µg/m³	ND	U	0.85	1.0	J	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	Acetone	µg/m³	13	J	14	47	--	15	31	--	16	20	J	13	ND	U	23	19	J	13
	Benzene	µg/m³	2.4	J	0.85	1.8	J	0.92	0.79	J	0.98	ND	U	0.83	0.85	J	1.4	3.5	--	0.82
	Bromodichloromethane	µg/m³	ND	U	0.85	ND	U	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	Carbon disulfide	µg/m³	9.8	--	2.7	39	--	2.9	2.2	J	3.1	10	--	2.6	11	--	4.6	9.7	--	2.6
	Carbon tetrachloride	µg/m³	0.84	J	0.85	0.73	J	0.92	1.5	J	0.98	1.9	J	0.83	4.6	--	1.4	8.0	--	0.82
	Chloroethane	µg/m³	ND	U	1.6	3.4	--	1.7	0.56	J	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	Chloroform	µg/m³	5.7	--	0.85	1.4	J	0.92	1.1	J	0.98	1.0	J	0.83	1.4	J	1.4	3.4	--	0.82
	Chloromethane	µg/m³	ND	U	1.6	7.8	--	1.7	2.9	J	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.8	ND	U	2	ND	U	1.7	ND	U	2.9	ND	U	1.6
	Dibromochloromethane	µg/m³	ND	U	0.85	ND	U	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	Dichlorodifluoromethane	µg/m³	1.7	J	1.6	ND	U	1.7	3.2	--	1.8	3.3	--	1.6	3.7	J	2.7	2.2	J	1.5
	Ethanol	µg/m³	32	--	4.2	46	--	4.5	16	J	4.8	5.5	J	4.1	3.2	J	7	7.2	J	4
	Ethyl acetate	µg/m³	ND	U	3.3	ND	U	3.5	ND	U	3.8	ND	U	3.2	ND	U	5.5	11	--	3.1
	Ethylbenzene	µg/m³	ND	U	0.85	ND	U	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	Hexane	µg/m³	ND	U	1.6	0.94	J	1.7	ND	U	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	6.1	--	3.2	410	--	3.4	2.0	J	3.6	ND	U	3.1	ND	U	5.3	5.7	--	3
	m,p-Xylene	µg/m³	ND	U	1.7	0.91	J	1.8	1.2	J	2	ND	U	1.7	2.2	J	2.9	ND	U	1.6
	Methylene Chloride	µg/m³	ND	U	1.6	0.81	J	1.7	ND	U	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	Naphthalene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	1.5	ND	U	2.6	ND	U	1.5
	n-Heptane	µg/m³	ND	U	1.6	0.61	J	1.7	ND	U	1.8	ND	U	1.6	1.3	J	2.7	ND	U	1.5
	o-Xylene	µg/m³	ND	U	0.85	ND	U	0.92	0.49	J	0.98	ND	U	0.83	1.3	J	1.4	ND	U	0.82
	Propylene (propene)	µg/m³	4.7	--	1.6	110	--	1.7	1.7	J	1.8	0.76	J	1.6	ND	U	2.7	1.6	J	1.5
	Styrene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.8	ND	U	1.6	ND	U	2.7	ND	U	1.5
	Tetrachloroethene	µg/m³	1.1	J	0.85	1.8	J	0.92	9.1	--	0.98	11	--	0.83	26	--	1.4	18	--	0.82
	Tetrahydrofuran	µg/m³	1.3	J	0.85	28	--	0.92	4.6	J	0.98	1.7	J	0.83	13	--	1.4	4.6	J	0.82
	Toluene	µg/m³	0.85	J	0.85	10	--	0.92	1.6	J	0.98	0.85	J	0.83	2.7	J	1.4	1.6	J	0.82
	Trichloroethene	µg/m³	350	--	0.85	660	--	9.2	180	--	0.98	230	--	0.83	750	--	1.4	1600	--	8.2
	Trichlorofluoromethane	µg/m³	0.83	J	1.6	ND	U	1.7	1.3	J	1.8	1.4	J	1.6	1.5	J	2.7	0.99	J	1.5
	Vinyl chloride	µg/m³	ND	U	0.85	4.2	--	0.92	ND	U	0.98	ND	U	0.83	ND	U	1.4	ND	U	0.82
	Xylenes, Total	µg/m³	ND	U	1.7	0.91	J	1.8	1.7	J	2	ND	U	1.7	3.5	J	2.9	ND	U	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106133-250			KAFB-106133-350			KAFB-106133-450			KAFB-106134-025			KAFB-106134-050			KAFB-106134-170		
	Field Sample ID:		SV133-250-612			SV133-350-212			SV133-450-212			SV134-025-212			SV134-050-212			SV134-170-212		
	Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		Field Duplicate			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	11	--	0.79	1.6	J	0.92	ND	U	11	1.3	J	0.92	1.7	J	0.97	2.5	J	0.9
	1,1-dichloroethane	µg/m³	ND	U	1.5	ND	U	1.8	ND	U	22	ND	U	1.8	ND	U	1.9	ND	U	1.7
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.5	ND	U	1.7	ND	U	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	1,2,4-trimethylbenzene	µg/m³	0.55	J	0.79	ND	U	0.92	13	J	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	1,2-dibromoethane	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	1,2-dichloroethane	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.79	ND	U	0.92	22	J	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	1,3-butadiene	µg/m³	ND	U	1.5	ND	U	1.7	ND	U	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	1,4-dioxane	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	2-butanone	µg/m³	6.5	--	1.5	18	--	1.7	150	--	21	7.5	--	1.7	5.6	J	1.8	10	--	1.7
	2-hexanone	µg/m³	ND	U	0.79	2.4	J	0.92	ND	U	11	0.73	J	0.92	0.70	J	0.97	0.88	J	0.9
	4-methyl-2-pentanone	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	Acetone	µg/m³	44	--	13	ND	U	15	ND	U	180	7.9	J	15	ND	U	15	32	--	14
	Benzene	µg/m³	3.5	--	0.79	5.5	--	0.92	2100	--	11	ND	U	0.92	ND	U	0.97	0.69	J	0.9
	Bromodichloromethane	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	Bromoform	µg/m³	ND	U	1.5	ND	U	1.7	ND	U	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	Carbon disulfide	µg/m³	17	--	2.5	12	--	2.9	94	--	36	1.8	J	2.9	ND	U	3.1	6.2	--	2.8
	Carbon tetrachloride	µg/m³	6.9	--	0.79	2.0	J	0.92	ND	U	11	ND	U	0.92	0.45	J	0.97	0.78	J	0.9
	Chloroethane	µg/m³	ND	U	1.5	ND	U	1.7	ND	U	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	Chloroform	µg/m³	3.0	--	0.79	4.8	--	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	0.83	J	0.9
	Chloromethane	µg/m³	0.70	J	1.5	1.4	J	1.7	17	J	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	Cyclohexane	µg/m³	0.95	J	1.6	ND	U	1.8	2700	--	23	ND	U	1.8	ND	U	1.9	ND	U	1.8
	Dibromochloromethane	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	Dichlorodifluoromethane	µg/m³	2.2	J	1.5	0.73	J	1.7	20	J	21	2.5	J	1.7	2.6	J	1.8	2.3	J	1.7
	Ethanol	µg/m³	43	--	3.9	52	--	4.5	2300	--	56	22	J	4.5	18	J	4.7	21	J	4.4
	Ethyl acetate	µg/m³	93	--	3	ND	U	3.5	250	--	44	ND	U	3.5	ND	U	3.7	ND	U	3.4
	Ethylbenzene	µg/m³	0.80	J	0.79	ND	U	0.92	52	--	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	Hexane	µg/m³	2.7	--	1.5	ND	U	1.7	1500	--	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	8.4	--	2.9	2.9	J	3.4	41	J	42	1.4	J	3.4	1.5	J	3.6	1.7	J	3.3
	m,p-Xylene	µg/m³	2.5	J	1.6	ND	U	1.8	110	--	23	ND	U	1.8	ND	U	1.9	ND	U	1.8
	Methylene Chloride	µg/m³	1.8	J	1.5	ND	U	1.7	130	--	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	Naphthalene	µg/m³	ND	U	1.4	ND	U	1.7	ND	U	21	ND	U	1.7	ND	U	1.8	ND	U	1.6
	n-Heptane	µg/m³	1.0	J	1.5	ND	U	1.7	810	--	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	o-Xylene	µg/m³	0.91	J	0.79	ND	U	0.92	81	--	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	Propylene (propene)	µg/m³	1.6	J	1.5	2.3	J	1.7	310	--	21	0.79	J	1.7	0.85	J	1.8	0.84	J	1.7
	Styrene	µg/m³	0.46	J	1.5	ND	U	1.7	ND	U	21	ND	U	1.7	ND	U	1.8	ND	U	1.7
	Tetrachloroethene	µg/m³	16	--	0.79	2.2	J	0.92	8.0	J	11	0.87	J	0.92	1.3	J	0.97	2.2	J	0.9
	Tetrahydrofuran	µg/m³	11	--	0.79	5.9	--	0.92	32	J	11	ND	U	0.92	ND	U	0.97	2.6	J	0.9
	Toluene	µg/m³	26	--	0.79	0.93	J	0.92	820	--	11	0.73	J	0.92	0.45	J	0.97	0.43	J	0.9
	Trichloroethene	µg/m³	1400	--	10	510	--	0.92	200	--	11	25	--	0.92	42	--	0.97	140	--	0.9
	Trichlorofluoromethane	µg/m³	0.94	J	1.5	ND	U	1.7	10	J	21	1.0	J	1.7	1.0	J	1.8	0.93	J	1.7
	Vinyl chloride	µg/m³	ND	U	0.79	ND	U	0.92	ND	U	11	ND	U	0.92	ND	U	0.97	ND	U	0.9
	Xylenes, Total	µg/m³	3.4	J	1.6	ND	U	1.8	200	--	23	ND	U	1.8	ND	U	1.9	ND	U	1.8

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106134-250			KAFB-106134-350			KAFB-106134-350			KAFB-106134-450			KAFB-106135-025			KAFB-106135-050		
	Field Sample ID:		SV134-250-212			SV134-350-212			SV134-350-612			SV134-450-212			SV135-025-212			SV135-050-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			Field Duplicate			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	0.86	1.0	J	0.89	1.0	J	0.83	ND	U	12	1.2	J	0.82	1.4	J	0.88
	1,1-dichloroethane	µg/m³	ND	U	1.7	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.6	ND	U	1.7
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	ND	U	1.6
	1,2,4-trimethylbenzene	µg/m³	0.71	J	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	68	--	0.82	27	--	0.88
	1,2-dibromoethane	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	0.58	J	0.82	ND	U	0.88
	1,2-dichloroethane	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	35	J	12	52	--	0.82	20	--	0.88
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	ND	U	1.6
	1,4-dioxane	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	2-butanone	µg/m³	ND	U	1.6	9.1	--	1.7	8.0	--	1.6	ND	U	23	1.7	J	1.5	2.8	J	1.6
	2-hexanone	µg/m³	ND	U	0.86	0.84	J	0.89	0.74	J	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	4-methyl-2-pentanone	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	Acetone	µg/m³	ND	U	14	7.7	J	14	8.6	J	13	ND	U	190	7.7	J	13	13	J	14
	Benzene	µg/m³	ND	U	0.86	0.93	J	0.89	1.0	J	0.83	130	--	12	1.1	J	0.82	0.55	J	0.88
	Bromodichloromethane	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	ND	U	1.6
	Carbon disulfide	µg/m³	ND	U	2.7	11	--	2.8	13	--	2.6	41	J	38	ND	U	2.6	3.8	J	2.8
	Carbon tetrachloride	µg/m³	ND	U	0.86	0.60	J	0.89	0.65	J	0.83	ND	U	12	0.60	J	0.82	0.70	J	0.88
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	ND	U	1.6
	Chloroform	µg/m³	ND	U	0.86	0.96	J	0.89	1.0	J	0.83	ND	U	12	0.71	J	0.82	1.0	J	0.88
	Chloromethane	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	0.54	J	1.6
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.8	ND	U	1.7	92	--	24	ND	U	1.6	ND	U	1.8
	Dibromochloromethane	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	Dichlorodifluoromethane	µg/m³	ND	U	1.6	2.0	J	1.7	2.0	J	1.6	ND	U	23	2.2	J	1.5	2.0	J	1.6
	Ethanol	µg/m³	3.9	J	4.2	23	J	4.3	32	--	4.1	ND	U	58	3.6	J	4	11	J	4.3
	Ethyl acetate	µg/m³	ND	U	3.3	ND	U	3.4	1.9	J	3.2	ND	U	46	ND	U	3.1	3.7	J	3.3
	Ethylbenzene	µg/m³	0.77	J	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	5.7	--	0.82	2.0	J	0.88
	Hexane	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	130	--	23	ND	U	1.5	ND	U	1.6
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	3.2	1.8	J	3.3	1.5	J	3.1	ND	U	44	1.9	J	3	2.4	J	3.2
	m,p-Xylene	µg/m³	2.2	J	1.7	ND	U	1.8	ND	U	1.7	ND	U	24	170	--	1.6	58	--	1.8
	Methylene Chloride	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	ND	U	1.6
	Naphthalene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	22	1.8	J	1.5	ND	U	1.6
	n-Heptane	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	16	J	23	0.51	J	1.5	2.1	J	1.6
	o-Xylene	µg/m³	0.72	J	0.86	ND	U	0.89	ND	U	0.83	18	J	12	120	--	0.82	42	--	0.88
	Propylene (propene)	µg/m³	ND	U	1.6	1.2	J	1.7	0.79	J	1.6	ND	U	23	1.1	J	1.5	0.85	J	1.6
	Styrene	µg/m³	ND	U	1.6	ND	U	1.7	ND	U	1.6	ND	U	23	ND	U	1.5	ND	U	1.6
	Tetrachloroethene	µg/m³	140	--	0.86	0.83	J	0.89	0.85	J	0.83	ND	U	12	0.82	J	0.82	0.98	J	0.88
	Tetrahydrofuran	µg/m³	ND	U	0.86	5.3	--	0.89	5.4	--	0.83	ND	U	12	0.34	J	0.82	14	--	0.88
	Toluene	µg/m³	0.47	J	0.86	0.52	J	0.89	0.81	J	0.83	18	J	12	14	--	0.82	5.4	--	0.88
	Trichloroethene	µg/m³	2.0	J	0.86	79	--	0.89	80	--	0.83	15	J	12	400	--	0.82	520	--	0.88
	Trichlorofluoromethane	µg/m³	ND	U	1.6	0.79	J	1.7	0.77	J	1.6	ND	U	23	1.2	J	1.5	1.1	J	1.6
	Vinyl chloride	µg/m³	ND	U	0.86	ND	U	0.89	ND	U	0.83	ND	U	12	ND	U	0.82	ND	U	0.88
	Xylenes, Total	µg/m³	3.0	J	1.7	ND	U	1.8	ND	U	1.7	18	J	24	290	--	1.6	100	--	1.8

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106135-150			KAFB-106135-250			KAFB-106135-250			KAFB-106135-350			KAFB-106135-450			KAFB-106137-025		
	Field Sample ID:		SV135-150-212			SV135-250-212			SV135-250-612			SV135-350-212			SV135-450-212			SV137-025-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			Field Duplicate			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	3.3	--	0.85	1.6	J	0.84	1.3	J	1	0.47	J	0.86	0.69	J	0.78	0.46	J	0.74
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.7	0.97	J	1.5	ND	U	1.4
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.6	ND	U	1.5	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	1.8	J	0.85	1.8	J	0.84	1.9	J	1	0.92	J	0.86	0.99	J	0.78	0.68	J	0.74
	1,2-dibromoethane	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	ND	U	0.78	ND	U	0.74
	1,2-dichloroethane	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	3.1	--	0.78	ND	U	0.74
	1,3,5-trimethylbenzene	µg/m³	1.3	J	0.85	1.1	J	0.84	1.3	J	1	0.53	J	0.86	0.62	J	0.78	ND	U	0.74
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.6	0.95	J	1.5	ND	U	1.4
	1,4-dioxane	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	ND	U	0.78	ND	U	0.74
	2-butanone	µg/m³	15	--	1.6	1.5	J	1.6	4.3	J	2	3.2	J	1.6	10	--	1.5	4.4	--	1.4
	2-hexanone	µg/m³	0.99	J	0.85	ND	U	0.84	1.3	J	1	0.55	J	0.86	1.8	J	0.78	0.85	J	0.74
	4-methyl-2-pentanone	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	4.2	J	0.78	ND	U	0.74
	Acetone	µg/m³	27	--	13	11	J	13	28	J	17	23	J	14	51	--	12	26	--	12
	Benzene	µg/m³	0.40	J	0.85	0.57	J	0.84	1.6	J	1	0.61	J	0.86	1.6	J	0.78	0.90	J	0.74
	Bromodichloromethane	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	ND	U	0.78	ND	U	0.74
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.6	ND	U	1.5	ND	U	1.4
	Carbon disulfide	µg/m³	10	--	2.7	19	--	2.7	7.1	--	3.3	8.4	--	2.7	57	--	2.5	1.4	J	2.3
	Carbon tetrachloride	µg/m³	2.3	J	0.85	1.1	J	0.84	0.79	J	1	0.60	J	0.86	0.63	J	0.78	ND	U	0.74
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.6	5.8	--	1.5	ND	U	1.4
	Chloroform	µg/m³	2.6	J	0.85	2.1	J	0.84	1.6	J	1	ND	U	0.86	1.0	J	0.78	0.55	J	0.74
	Chloromethane	µg/m³	0.64	J	1.6	ND	U	1.6	0.57	J	2	0.56	J	1.6	26	--	1.5	0.44	J	1.4
	Cyclohexane	µg/m³	ND	U	1.7	ND	U	1.7	0.92	J	2.1	ND	U	1.7	ND	U	1.6	ND	U	1.5
	Dibromochloromethane	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	ND	U	0.78	ND	U	0.74
	Dichlorodifluoromethane	µg/m³	1.8	J	1.6	1.1	J	1.6	1.3	J	2	0.53	J	1.6	0.81	J	1.5	2.5	--	1.4
	Ethanol	µg/m³	5.7	J	4.1	24	J	4.1	39	--	5.1	6.2	J	4.2	16	J	3.8	27	--	3.6
	Ethyl acetate	µg/m³	ND	U	3.2	ND	U	3.2	16	--	4	ND	U	3.3	5.7	--	3	42	--	2.8
	Ethylbenzene	µg/m³	ND	U	0.85	ND	U	0.84	0.74	J	1	ND	U	0.86	1.1	J	0.78	0.50	J	0.74
	Hexane	µg/m³	ND	U	1.6	ND	U	1.6	0.69	J	2	ND	U	1.6	0.96	J	1.5	1.1	J	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	3.1	ND	U	3.1	8.1	--	3.9	ND	U	3.2	2.9	J	2.9	5.1	--	2.7
	m,p-Xylene	µg/m³	4.3	J	1.7	4.9	J	1.7	9.8	--	2.1	2.6	J	1.7	5.6	--	1.6	2.1	J	1.5
	Methylene Chloride	µg/m³	ND	U	1.6	ND	U	1.6	1.8	J	2	ND	U	1.6	1.1	J	1.5	2.1	J	1.4
	Naphthalene	µg/m³	ND	U	1.5	ND	U	1.5	ND	U	1.9	ND	U	1.6	ND	U	1.4	ND	U	1.3
	n-Heptane	µg/m³	ND	U	1.6	ND	U	1.6	3.5	--	2	ND	U	1.6	3.1	--	1.5	0.54	J	1.4
	o-Xylene	µg/m³	2.8	--	0.85	3.1	--	0.84	4.6	--	1	1.4	J	0.86	2.3	J	0.78	0.89	J	0.74
	Propylene (propene)	µg/m³	0.87	J	1.6	0.68	J	1.6	2.4	J	2	0.94	J	1.6	3.9	--	1.5	1.4	J	1.4
	Styrene	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.6	ND	U	1.5	ND	U	1.4
	Tetrachloroethene	µg/m³	3.2	--	0.85	1.7	J	0.84	1.1	J	1	ND	U	0.86	0.53	J	0.78	ND	U	0.74
	Tetrahydrofuran	µg/m³	14	--	0.85	2.8	J	0.84	3.2	J	1	8.3	--	0.86	36	--	0.78	ND	U	0.74
	Toluene	µg/m³	1.1	J	0.85	1.7	J	0.84	6.6	--	1	1.1	J	0.86	3.9	--	0.78	4.5	--	0.74
	Trichloroethene	µg/m³	2500	--	8.5	600	--	67	480	--	1	51	--	0.86	210	--	0.78	ND	U	0.74
	Trichlorofluoromethane	µg/m³	0.97	J	1.6	0.61	J	1.6	0.73	J	2	0.44	J	1.6	0.51	J	1.5	1.2	J	1.4
	Vinyl chloride	µg/m³	ND	U	0.85	ND	U	0.84	ND	U	1	ND	U	0.86	4.7	--	0.78	ND	U	0.74
	Xylenes, Total	µg/m³	7.1	--	1.7	7.9	--	1.7	14	--	2.1	4.0	J	1.7	7.9	--	1.6	3.0	J	1.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106137-050			KAFB-106137-150			KAFB-106137-250			KAFB-106137-350			KAFB-106137-450			KAFB-106139-025		
	Field Sample ID:		SV137-050-212			SV137-150-212			SV137-250-212			SV137-350-212			SV137-450-212			SV139-025-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.49	J	0.82	0.47	J	0.82	0.53	J	0.72	0.43	J	0.79	180	--	40	33	--	0.92
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.4	ND	U	1.5	ND	U	77	ND	U	1.8
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	75	ND	U	1.7
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.82	0.62	J	0.82	0.77	J	0.72	0.41	J	0.79	3100	--	40	1.4	J	0.92
	1,2-dibromoethane	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	ND	U	0.79	530	--	40	ND	U	0.92
	1,2-dichloroethane	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	ND	U	0.79	ND	U	40	ND	U	0.92
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	ND	U	0.79	3200	--	40	0.74	J	0.92
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	75	ND	U	1.7
	1,4-dioxane	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	0.78	J	0.79	120	J	40	ND	U	0.92
	2-butanone	µg/m³	1.3	J	1.6	5.1	--	1.5	4.8	--	1.4	3.6	J	1.5	35	J	75	0.84	J	1.7
	2-hexanone	µg/m³	ND	U	0.82	0.44	J	0.82	0.73	J	0.72	0.34	J	0.79	ND	U	40	ND	U	0.92
	4-methyl-2-pentanone	µg/m³	ND	U	0.82	ND	U	0.82	0.31	J	0.72	ND	U	0.79	ND	U	40	ND	U	0.92
	Acetone	µg/m³	8.7	J	13	22	J	13	25	--	11	13	J	12	ND	U	630	ND	U	15
	Benzene	µg/m³	0.64	J	0.82	1.1	J	0.82	4.7	--	0.72	0.89	J	0.79	6200	--	40	0.60	J	0.92
	Bromodichloromethane	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	ND	U	0.79	ND	U	40	ND	U	0.92
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	75	ND	U	1.7
	Carbon disulfide	µg/m³	1.3	J	2.6	54	--	2.6	2.8	J	2.3	2.4	J	2.5	130	J	130	ND	U	2.9
	Carbon tetrachloride	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	0.80	J	0.79	ND	U	40	14	--	0.92
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	75	ND	U	1.7
	Chloroform	µg/m³	0.37	J	0.82	0.41	J	0.82	ND	U	0.72	ND	U	0.79	ND	U	40	2.6	J	0.92
	Chloromethane	µg/m³	ND	U	1.6	0.46	J	1.5	0.54	J	1.4	0.49	J	1.5	57	J	75	ND	U	1.7
	Cyclohexane	µg/m³	ND	U	1.6	0.73	J	1.6	2.2	J	1.4	ND	U	1.6	4300	--	80	ND	U	1.8
	Dibromochloromethane	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	ND	U	0.79	ND	U	40	ND	U	0.92
	Dichlorodifluoromethane	µg/m³	2.6	--	1.6	3.1	--	1.5	3.3	--	1.4	3.1	--	1.5	ND	U	75	2.3	J	1.7
	Ethanol	µg/m³	4.4	J	4	41	--	4	13	J	3.5	24	J	3.8	320	J	190	4.1	J	4.5
	Ethyl acetate	µg/m³	ND	U	3.2	59	--	3.1	ND	U	2.8	ND	U	3	ND	U	150	ND	U	3.5
	Ethylbenzene	µg/m³	ND	U	0.82	0.48	J	0.82	0.51	J	0.72	0.41	J	0.79	1600	--	40	ND	U	0.92
	Hexane	µg/m³	ND	U	1.6	1.7	J	1.5	2.0	J	1.4	ND	U	1.5	1800	--	75	ND	U	1.7
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	3.1	8.7	--	3	2.8	J	2.7	5.6	--	2.9	79	J	150	ND	U	3.4
	m,p-Xylene	µg/m³	ND	U	1.6	1.7	J	1.6	4.0	J	1.4	1.2	J	1.6	38000	--	80	4.2	J	1.8
	Methylene Chloride	µg/m³	ND	U	1.6	4.5	--	1.5	82	--	1.4	ND	U	1.5	42	J	75	1.0	J	1.7
	Naphthalene	µg/m³	ND	U	1.5	ND	U	1.5	1.5	J	1.3	ND	U	1.4	ND	U	73	0.80	J	1.7
	n-Heptane	µg/m³	ND	U	1.6	0.65	J	1.5	0.75	J	1.4	ND	U	1.5	1600	--	75	ND	U	1.7
	o-Xylene	µg/m³	ND	U	0.82	0.71	J	0.82	0.73	J	0.72	ND	U	0.79	22000	--	40	2.3	J	0.92
	Propylene (propene)	µg/m³	ND	U	1.6	2.0	J	1.5	1.5	J	1.4	1.5	J	1.5	140	--	75	1.0	J	1.7
	Styrene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	75	ND	U	1.7
	Tetrachloroethene	µg/m³	ND	U	0.82	0.45	J	0.82	0.31	J	0.72	0.33	J	0.79	210	--	40	3.7	--	0.92
	Tetrahydrofuran	µg/m³	1.3	J	0.82	ND	U	0.82	18	--	0.72	5.6	--	0.79	76	J	40	1.8	J	0.92
	Toluene	µg/m³	0.85	J	0.82	5.8	--	0.82	9.5	--	0.72	1.6	J	0.79	18000	--	40	1.8	J	0.92
	Trichloroethene	µg/m³	0.41	J	0.82	0.70	J	0.82	1.3	J	0.72	1.7	J	0.79	49	J	40	0.53	J	0.92
	Trichlorofluoromethane	µg/m³	1.2	J	1.6	1.2	J	1.5	1.2	J	1.4	1.9	J	1.5	ND	U	75	2.7	J	1.7
	Vinyl chloride	µg/m³	ND	U	0.82	ND	U	0.82	ND	U	0.72	ND	U	0.79	ND	U	40	ND	U	0.92
	Xylenes, Total	µg/m³	ND	U	1.6	2.4	J	1.6	4.8	--	1.4	1.2	J	1.6	59000	--	80	6.5	--	1.8

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106139-050			KAFB-106139-050			KAFB-106139-150			KAFB-106139-250			KAFB-106139-350			KAFB-106139-450		
	Field Sample ID:		SV139-050-212			SV139-050-612			SV139-150-212			SV139-250-212			SV139-350-212			SV139-450-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			5/19/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			Field Duplicate			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	48	--	0.95	53	--	0.76	650	--	7	740	--	41	500	--	7.4	110	--	0.99
	1,1-dichloroethane	µg/m³	ND	U	1.8	ND	U	1.5	ND	U	14	ND	U	79	ND	U	1.4	0.62	J	1.9
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	13	ND	U	77	0.58	J	1.4	ND	U	1.9
	1,2,4-trimethylbenzene	µg/m³	0.81	J	0.95	0.69	J	0.76	ND	U	7	41	J	41	0.60	J	0.74	0.55	J	0.99
	1,2-dibromoethane	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	ND	U	0.74	ND	U	0.99
	1,2-dichloroethane	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	ND	U	0.74	4.2	--	0.99
	1,3,5-trimethylbenzene	µg/m³	ND	U	0.95	0.35	J	0.76	ND	U	7	ND	U	41	ND	U	0.74	0.45	J	0.99
	1,3-butadiene	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	13	ND	U	77	ND	U	1.4	1.2	J	1.9
	1,4-dioxane	µg/m³	0.66	J	0.95	0.90	J	0.76	ND	U	7	ND	U	41	ND	U	0.74	ND	U	0.99
	2-butanone	µg/m³	2.9	J	1.8	3.3	J	1.4	ND	U	13	ND	U	77	3.1	J	1.4	10	--	1.9
	2-hexanone	µg/m³	ND	U	0.95	0.38	J	0.76	ND	U	7	ND	U	41	ND	U	0.74	1.8	J	0.99
	4-methyl-2-pentanone	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	ND	U	0.74	0.65	J	0.99
	Acetone	µg/m³	19	J	15	19	J	12	ND	U	110	ND	U	650	ND	U	12	65	--	16
	Benzene	µg/m³	0.64	J	0.95	0.48	J	0.76	3.4	J	7	370	--	41	66	--	0.74	2.3	J	0.99
	Bromodichloromethane	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	11	--	0.74	4.3	--	0.99
	Bromoform	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	13	ND	U	77	ND	U	1.4	ND	U	1.9
	Carbon disulfide	µg/m³	6.1	--	3	6.5	--	2.4	ND	U	22	ND	U	130	2.4	J	2.4	61	--	3.1
	Carbon tetrachloride	µg/m³	20	--	0.95	23	--	0.76	230	--	7	220	--	41	130	--	0.74	94	--	0.99
	Chloroethane	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	13	ND	U	77	ND	U	1.4	8.3	--	1.9
	Chloroform	µg/m³	6.6	--	0.95	7.6	--	0.76	190	--	7	340	--	41	530	--	7.4	50	--	0.99
	Chloromethane	µg/m³	ND	U	1.8	ND	U	1.4	ND	U	13	ND	U	77	ND	U	1.4	50	--	1.9
	Cyclohexane	µg/m³	1.8	J	1.9	ND	U	1.5	1200	--	14	17000	--	82	45	--	1.5	ND	U	2
	Dibromochloromethane	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	ND	U	0.74	0.44	J	0.99
	Dichlorodifluoromethane	µg/m³	2.3	J	1.8	2.4	--	1.4	5.5	J	13	ND	U	77	2.8	--	1.4	1.5	J	1.9
	Ethanol	µg/m³	32	--	4.6	6.8	J	3.7	ND	U	34	ND	U	200	11	J	3.6	15	J	4.8
	Ethyl acetate	µg/m³	11	--	3.6	2.4	J	2.9	ND	U	27	ND	U	160	2.3	J	2.8	ND	U	3.8
	Ethylbenzene	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	0.49	J	0.74	3.5	--	0.99
	Hexane	µg/m³	0.66	J	1.8	ND	U	1.4	930	--	13	24000	--	77	4.3	--	1.4	1.3	J	1.9
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	5.3	J	3.5	ND	U	2.8	ND	U	26	ND	U	150	1.1	J	2.8	2.3	J	3.7
	m,p-Xylene	µg/m³	2.7	J	1.9	3.1	J	1.5	ND	U	14	ND	U	82	2.1	J	1.5	13	--	2
	Methylene Chloride	µg/m³	0.99	J	1.8	4.0	--	1.4	ND	U	13	ND	U	77	ND	U	1.4	ND	U	1.9
	Naphthalene	µg/m³	ND	U	1.7	ND	U	1.4	ND	U	13	ND	U	74	0.84	J	1.4	ND	U	1.8
	n-Heptane	µg/m³	6.9	--	1.8	ND	U	1.4	160	--	13	15000	--	77	5.0	--	1.4	1.3	J	1.9
	o-Xylene	µg/m³	1.2	J	0.95	1.5	J	0.76	ND	U	7	ND	U	41	1.4	J	0.74	2.9	J	0.99
	Propylene (propene)	µg/m³	1.7	J	1.8	0.69	J	1.4	40	--	13	490	--	77	ND	U	1.4	5.8	--	1.9
	Styrene	µg/m³	0.54	J	1.8	ND	U	1.4	ND	U	13	ND	U	77	ND	U	1.4	ND	U	1.9
	Tetrachloroethene	µg/m³	0.49	J	0.95	0.47	J	0.76	ND	U	7	28	J	41	3.1	--	0.74	4.7	--	0.99
	Tetrahydrofuran	µg/m³	8.3	--	0.95	9.9	--	0.76	19	J	7	ND	U	41	3.2	J	0.74	24	--	0.99
	Toluene	µg/m³	5.4	--	0.95	1.5	J	0.76	ND	U	7	370	--	41	30	--	0.74	2.6	J	0.99
	Trichloroethene	µg/m³	ND	U	0.95	0.59	J	0.76	ND	U	7	ND	U	41	3.5	--	0.74	12	--	0.99
	Trichlorofluoromethane	µg/m³	3.7	--	1.8	4.1	--	1.4	36	--	13	49	J	77	53	--	1.4	9.0	--	1.9
	Vinyl chloride	µg/m³	ND	U	0.95	ND	U	0.76	ND	U	7	ND	U	41	ND	U	0.74	6.5	--	0.99
	Xylenes, Total	µg/m³	3.8	J	1.9	4.6	--	1.5	ND	U	14	ND	U	82	3.5	J	1.5	16	--	2

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106140-025			KAFB-106140-050			KAFB-106140-150			KAFB-106140-250			KAFB-106140-350			KAFB-106140-450		
	Field Sample ID:		SV140-025-212			SV140-050-212			SV140-150-212			SV140-250-212			SV140-350-212			SV140-450-212		
	Sample Date:		4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/12/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.57	J	0.73	0.77	J	0.98	ND	U	0.82	0.59	J	0.93	0.48	J	0.77	ND	U	1.8
	1,1-dichloroethane	µg/m³	ND	U	1.4	ND	U	1.9	ND	U	1.6	ND	U	1.8	ND	U	1.5	ND	U	3.4
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.4	ND	U	1.8	ND	U	1.5	ND	U	1.7	ND	U	1.5	ND	U	3.3
	1,2,4-trimethylbenzene	µg/m³	31	--	0.73	7.1	--	0.98	13	--	0.82	40	--	0.93	11	--	0.77	8.0	--	1.8
	1,2-dibromoethane	µg/m³	ND	U	0.73	ND	U	0.98	ND	U	0.82	ND	U	0.93	ND	U	0.77	ND	U	1.8
	1,2-dichloroethane	µg/m³	ND	U	0.73	ND	U	0.98	ND	U	0.82	ND	U	0.93	ND	U	0.77	0.90	J	1.8
	1,3,5-trimethylbenzene	µg/m³	7.1	--	0.73	1.8	J	0.98	2.8	--	0.82	9.4	--	0.93	2.7	--	0.77	2.0	J	1.8
	1,3-butadiene	µg/m³	ND	U	1.4	ND	U	1.8	ND	U	1.5	ND	U	1.7	ND	U	1.5	ND	U	3.3
	1,4-dioxane	µg/m³	ND	U	0.73	0.47	J	0.98	ND	U	0.82	ND	U	0.93	ND	U	0.77	2.5	J	1.8
	2-butanone	µg/m³	3.8	J	1.4	3.3	J	1.8	1.0	J	1.5	1.9	J	1.7	13	--	1.5	140	--	3.3
	2-hexanone	µg/m³	1.0	J	0.73	0.80	J	0.98	ND	U	0.82	ND	U	0.93	1.6	J	0.77	ND	U	1.8
	4-methyl-2-pentanone	µg/m³	ND	U	0.73	ND	U	0.98	0.41	J	0.82	ND	U	0.93	0.87	J	0.77	3.3	J	1.8
	Acetone	µg/m³	22	J	12	34	--	16	8.8	J	13	ND	U	15	250	--	12	180	--	28
	Benzene	µg/m³	0.36	J	0.73	0.95	J	0.98	ND	U	0.82	0.72	J	0.93	20	--	0.77	61	--	1.8
	Bromodichloromethane	µg/m³	ND	U	0.73	ND	U	0.98	ND	U	0.82	ND	U	0.93	ND	U	0.77	ND	U	1.8
	Bromoform	µg/m³	ND	U	1.4	ND	U	1.8	ND	U	1.5	ND	U	1.7	ND	U	1.5	ND	U	3.3
	Carbon disulfide	µg/m³	1.3	J	2.3	4.0	J	3.1	2.3	J	2.6	11	--	2.9	5.1	--	2.5	35	--	5.6
	Carbon tetrachloride	µg/m³	4.9	--	0.73	5.8	--	0.98	7.5	--	0.82	2.6	J	0.93	ND	U	0.77	2.8	J	1.8
	Chloroethane	µg/m³	ND	U	1.4	ND	U	1.8	ND	U	1.5	ND	U	1.7	ND	U	1.5	1.3	J	3.3
	Chloroform	µg/m³	4.5	--	0.73	6.3	--	0.98	3.1	--	0.82	1.4	J	0.93	ND	U	0.77	1.8	J	1.8
	Chloromethane	µg/m³	0.46	J	1.4	0.92	J	1.8	ND	U	1.5	0.75	J	1.7	0.76	J	1.5	7.1	--	3.3
	Cyclohexane	µg/m³	ND	U	1.5	1.0	J	2	ND	U	1.6	ND	U	1.9	14	--	1.5	20	--	3.5
	Dibromochloromethane	µg/m³	ND	U	0.73	ND	U	0.98	ND	U	0.82	ND	U	0.93	ND	U	0.77	ND	U	1.8
	Dichlorodifluoromethane	µg/m³	2.2	J	1.4	3.2	--	1.8	2.9	--	1.5	16	--	1.7	23	--	1.5	8.7	--	3.3
	Ethanol	µg/m³	4.4	J	3.5	34	--	4.8	2.9	J	4	4.0	J	4.5	6.4	J	3.8	13	J	8.6
	Ethyl acetate	µg/m³	ND	U	2.8	3.0	J	3.7	2.1	J	3.1	ND	U	3.5	ND	U	3	ND	U	6.8
	Ethylbenzene	µg/m³	3.2	--	0.73	1.6	J	0.98	1.6	J	0.82	4.7	--	0.93	1.9	J	0.77	2.6	J	1.8
	Hexane	µg/m³	ND	U	1.4	2.2	J	1.8	ND	U	1.5	ND	U	1.7	0.60	J	1.5	3.5	J	3.3
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	2.7	2.7	J	3.6	ND	U	3	ND	U	3.4	1.1	J	2.9	2.9	J	6.6
	m,p-Xylene	µg/m³	19	--	1.5	7.5	--	2	8.9	--	1.6	26	--	1.9	8.6	--	1.5	8.7	J	3.5
	Methylene Chloride	µg/m³	ND	U	1.4	2.6	J	1.8	ND	U	1.5	ND	U	1.7	ND	U	1.5	ND	U	3.3
	Naphthalene	µg/m³	5.0	--	1.3	ND	U	1.8	2.9	--	1.5	6.1	--	1.7	2.7	--	1.4	ND	U	3.2
	n-Heptane	µg/m³	1.2	J	1.4	1.4	J	1.8	0.69	J	1.5	1.9	J	1.7	0.89	J	1.5	1.5	J	3.3
	o-Xylene	µg/m³	5.6	--	0.73	2.1	J	0.98	2.6	--	0.82	8.1	--	0.93	2.6	--	0.77	2.8	J	1.8
	Propylene (propene)	µg/m³	0.62	J	1.4	ND	U	1.8	ND	U	1.5	0.91	J	1.7	1.8	J	1.5	1.8	J	3.3
	Styrene	µg/m³	ND	U	1.4	ND	U	1.8	ND	U	1.5	ND	U	1.7	ND	U	1.5	ND	U	3.3
	Tetrachloroethene	µg/m³	0.63	J	0.73	0.76	J	0.98	0.61	J	0.82	ND	U	0.93	1.3	J	0.77	0.93	J	1.8
	Tetrahydrofuran	µg/m³	0.77	J	0.73	0.88	J	0.98	20	--	0.82	13	--	0.93	5.5	--	0.77	49	--	1.8
	Toluene	µg/m³	4.2	--	0.73	5.0	--	0.98	2.6	--	0.82	6.5	--	0.93	2.7	--	0.77	36	--	1.8
	Trichloroethene	µg/m³	ND	U	0.73	ND	U	0.98	ND	U	0.82	1.8	J	0.93	ND	U	0.77	ND	U	1.8
	Trichlorofluoromethane	µg/m³	1.1	J	1.4	1.5	J	1.8	0.68	J	1.5	1.6	J	1.7	2.4	--	1.5	1.2	J	3.3
	Vinyl chloride	µg/m³	ND	U	0.73	ND	U	0.98	ND	U	0.82	ND	U	0.93	ND	U	0.77	0.82	J	1.8
	Xylenes, Total	µg/m³	24	--	1.5	9.6	--	2	12	--	1.6	34	--	1.9	11	--	1.5	11	--	3.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106140-450			KAFB-106V3-007			KAFB-106V3-007			KAFB-106V3-007			KAFB-106V3-015			KAFB-106V3-015		
	Field Sample ID:		SV140-450-612			SV3-007-212			SV3-007-612			SV3-007-212a			SV3-015-212			SV3-015-212a		
	Sample Date:		4/12/2021			4/20/2021			4/20/2021			6/24/2021			4/20/2021			6/24/2021		
	Sample Type:		Field Duplicate			REG			Field Duplicate			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	1.9	3.3	--	0.76	3.6	--	0.79	12	--	0.81	7.9	--	0.73	6.8	--	0.66
	1,1-dichloroethane	µg/m³	ND	U	3.6	ND	U	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.4	ND	U	1.3
	1,2,4-trichlorobenzene	µg/m³	ND	U	3.5	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	1,2,4-trimethylbenzene	µg/m³	42	--	1.9	26	--	0.76	39	--	0.79	46	--	0.81	17	--	0.73	12	--	0.66
	1,2-dibromoethane	µg/m³	ND	U	1.9	6.8	--	0.76	6.6	--	0.79	ND	U	0.81	12	--	0.73	ND	U	0.66
	1,2-dichloroethane	µg/m³	0.91	J	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	1,3,5-trimethylbenzene	µg/m³	10	--	1.9	29	--	0.76	28	--	0.79	9.6	--	0.81	13	--	0.73	2.3	--	0.66
	1,3-butadiene	µg/m³	ND	U	3.5	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	1,4-dioxane	µg/m³	ND	U	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	2-butanone	µg/m³	320	--	3.5	14	--	1.4	11	--	1.5	6.2	--	1.5	6.0	--	1.4	2.1	J	1.2
	2-hexanone	µg/m³	ND	U	1.9	ND	U	0.76	ND	U	0.79	2.9	J	0.81	ND	U	0.73	0.7	J	0.66
	4-methyl-2-pentanone	µg/m³	4.3	J	1.9	0.49	J	0.76	0.59	J	0.79	0.51	J	0.81	ND	U	0.73	ND	U	0.66
	Acetone	µg/m³	390	--	30	24	--	12	32	--	12	32	--	13	10	J	12	13	J	10
	Benzene	µg/m³	53	--	1.9	260	--	0.76	210	--	0.79	1.1	J	0.81	160	--	0.73	ND	U	0.66
	Bromodichloromethane	µg/m³	ND	U	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	Bromoform	µg/m³	ND	U	3.5	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	Carbon disulfide	µg/m³	15	--	5.9	1.7	J	2.4	ND	U	2.5	100	--	2.6	0.97	J	2.3	3.1	J	2.1
	Carbon tetrachloride	µg/m³	2.8	J	1.9	0.78	J	0.76	0.76	J	0.79	0.85	J	0.81	1.4	J	0.73	0.47	J	0.66
	Chloroethane	µg/m³	1.2	J	3.5	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	Chloroform	µg/m³	1.7	J	1.9	0.60	J	0.76	0.54	J	0.79	0.42	J	0.81	ND	U	0.73	0.46	J	0.66
	Chloromethane	µg/m³	7.3	--	3.5	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	Cyclohexane	µg/m³	20	--	3.7	1200	--	15	1300	--	16	ND	U	1.6	2800	--	29	ND	U	1.3
	Dibromochloromethane	µg/m³	ND	U	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	Dichlorodifluoromethane	µg/m³	8.6	--	3.5	2.3	--	1.4	1.3	J	1.5	4.5	--	1.5	ND	U	1.4	1.9	J	1.2
	Ethanol	µg/m³	30	J	9.1	32	--	3.7	33	--	3.8	9.1	J	4	24	--	3.6	3	J	3.2
	Ethyl acetate	µg/m³	ND	U	7.2	ND	U	2.9	ND	U	3	ND	U	3.1	16	J	2.8	ND	U	2.5
	Ethylbenzene	µg/m³	7.6	--	1.9	110	--	0.76	91	--	0.79	4.8	--	0.81	58	--	0.73	1.9	J	0.66
	Hexane	µg/m³	4.1	J	3.5	320	--	1.4	360	--	1.5	2.9	--	1.5	440	--	28	ND	U	1.2
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	3.8	J	6.9	5.3	J	2.8	1600	J	29	1.2	J	3	37	--	2.7	ND	U	2.4
	m,p-Xylene	µg/m³	36	--	3.7	190	--	1.5	170	--	1.6	27	--	1.6	120	--	1.5	8.4	--	1.3
	Methylene Chloride	µg/m³	ND	U	3.5	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	Naphthalene	µg/m³	4.9	J	3.4	5.3	--	1.4	9.5	--	1.4	22	--	1.5	2.7	--	1.3	1.9	J	1.2
	n-Heptane	µg/m³	4.1	J	3.5	160	--	1.4	180	--	1.5	3.8	--	1.5	320	--	1.4	ND	U	1.2
	o-Xylene	µg/m³	10	--	1.9	120	--	0.76	100	--	0.79	8.2	--	0.81	56	--	0.73	2.5	--	0.66
	Propylene (propene)	µg/m³	2.1	J	3.5	5.5	J	1.4	170	J	1.5	ND	U	1.5	4.0	--	1.4	ND	U	1.2
	Styrene	µg/m³	ND	U	3.5	0.65	J	1.4	0.73	J	1.5	ND	U	1.5	ND	U	1.4	ND	U	1.2
	Tetrachloroethene	µg/m³	1.7	J	1.9	ND	U	0.76	ND	U	0.79	0.35	J	0.81	0.55	J	0.73	ND	U	0.66
	Tetrahydrofuran	µg/m³	110	--	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	Toluene	µg/m³	42	--	1.9	840	--	7.6	700	--	7.9	8.4	--	0.81	420	--	15	2.8	--	0.66
	Trichloroethene	µg/m³	2.2	J	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	Trichlorofluoromethane	µg/m³	1.3	J	3.5	1.3	J	1.4	1.1	J	1.5	1.5	J	1.5	0.98	J	1.4	0.53	J	1.2
	Vinyl chloride	µg/m³	0.75	J	1.9	ND	U	0.76	ND	U	0.79	ND	U	0.81	ND	U	0.73	ND	U	0.66
	Xylenes, Total	µg/m³	46	--	3.7	310	--	1.5	270	--	1.6	35	--	1.6	170	--	1.5	11	--	1.3

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		KAFB-106V3-272			KAFB-106V3-272			SVEW-10-410			SVEW-10-410			SVEW-11-410			SVEW-11-410		
	Field Sample ID:		SV3-272-212			SV3-272-212a			SVE10-410-212			SVE10-410-612			SVE11-410-212			SVE11-410-612		
	Sample Date:		4/20/2021			6/24/2021			4/19/2021			4/19/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			Field Duplicate			REG			Field Duplicate		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	0.41	J	0.64	ND	U	560	280	--	4.4	270	--	4.9	ND	U	29	ND	U	32
	1,1-dichloroethane	µg/m³	ND	U	1.2	ND	U	1100	ND	U	8.5	ND	U	9.4	ND	U	57	ND	U	62
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	1,2,4-trimethylbenzene	µg/m³	37	--	0.64	4700	--	560	7	J	4.4	6.3	J	4.9	440	--	29	380	--	32
	1,2-dibromoethane	µg/m³	17	--	0.64	640	J	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	1,2-dichloroethane	µg/m³	ND	U	0.64	ND	U	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	1,3,5-trimethylbenzene	µg/m³	13	--	0.64	2400	--	560	5.6	J	4.4	5.3	J	4.9	490	--	29	430	--	32
	1,3-butadiene	µg/m³	ND	U	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	1,4-dioxane	µg/m³	ND	U	0.64	ND	U	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	2-butanone	µg/m³	62	--	1.2	3000	J	1100	8.1	J	8.2	6.2	J	9.1	ND	U	55	ND	U	60
	2-hexanone	µg/m³	ND	U	0.64	ND	U	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	4-methyl-2-pentanone	µg/m³	3.1	J	0.64	630	J	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	Acetone	µg/m³	330	--	10	33000	--	8900	ND	U	69	ND	U	77	ND	U	460	ND	U	510
	Benzene	µg/m³	200	--	0.64	50000	--	560	500	--	4.4	470	--	4.9	5600	--	29	5200	--	32
	Bromodichloromethane	µg/m³	ND	U	0.64	ND	U	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	Bromoform	µg/m³	ND	U	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	Carbon disulfide	µg/m³	2.6	J	2	ND	U	1800	45	--	14	39	--	15	ND	U	93	ND	U	100
	Carbon tetrachloride	µg/m³	0.28	J	0.64	ND	U	560	5.1	J	4.4	5.1	J	4.9	ND	U	29	ND	U	32
	Chloroethane	µg/m³	ND	U	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	Chloroform	µg/m³	ND	U	0.64	ND	U	560	3	J	4.4	2.7	J	4.9	ND	U	29	ND	U	32
	Chloromethane	µg/m³	0.38	J	1.2	ND	U	1100	43	--	8.2	43	--	9.1	ND	U	55	ND	U	60
	Cyclohexane	µg/m³	64	--	1.3	280000	--	1100	30	--	8.7	28	J	9.7	27000	--	58	26000	--	64
	Dibromochloromethane	µg/m³	ND	U	0.64	ND	U	560	ND	U	4.4	ND	U	4.9	ND	U	29	ND	U	32
	Dichlorodifluoromethane	µg/m³	1.6	J	1.2	ND	U	1100	3.2	J	8.2	3.1	J	9.1	ND	U	55	ND	U	60
	Ethanol	µg/m³	28	--	3.1	4000	J	2700	21	J	21	20	J	24	ND	U	140	ND	U	160
	Ethyl acetate	µg/m³	ND	U	2.4	ND	U	2100	ND	U	17	ND	U	19	ND	U	110	68	J	120
	Ethylbenzene	µg/m³	88	--	0.64	20000	--	560	60	--	4.4	56	--	4.9	510	--	29	480	--	32
	Hexane	µg/m³	27	--	1.2	140000	--	1100	160	--	8.2	150	--	9.1	6300	--	55	5800	--	60
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	160	--	2.4	ND	U	2100	26	J	16	ND	U	18	ND	U	110	ND	U	120
	m,p-Xylene	µg/m³	250	--	1.3	52000	--	1100	230	--	8.7	210	--	9.7	5700	--	58	5400	--	64
	Methylene Chloride	µg/m³	ND	U	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	Naphthalene	µg/m³	11	--	1.2	ND	U	1000	ND	U	8	ND	U	8.9	ND	U	53	ND	U	59
	n-Heptane	µg/m³	89	--	1.2	270000	--	1100	63	--	8.2	59	--	9.1	4600	--	55	4300	--	60
	o-Xylene	µg/m³	71	--	0.64	15000	--	560	57	--	4.4	53	--	4.9	2200	--	29	2000	--	32
	Propylene (propene)	µg/m³	53	--	1.2	ND	U	1100	11	J	8.2	11	J	9.1	300	--	55	280	--	60
	Styrene	µg/m³	0.44	J	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	Tetrachloroethene	µg/m³	ND	U	0.64	ND	U	560	7.8	J	4.4	7.5	J	4.9	ND	U	29	ND	U	32
	Tetrahydrofuran	µg/m³	0.26	J	0.64	ND	U	560	73	--	4.4	75	--	4.9	17	J	29	ND	U	32
	Toluene	µg/m³	930	--	6.4	230000	--	560	2600	--	4.4	2500	--	4.9	8300	--	29	7900	--	32
	Trichloroethene	µg/m³	ND	U	0.64	ND	U	560	20	--	4.4	19	--	4.9	ND	U	29	ND	U	32
	Trichlorofluoromethane	µg/m³	0.84	J	1.2	ND	U	1100	ND	U	8.2	ND	U	9.1	ND	U	55	ND	U	60
	Vinyl chloride	µg/m³	ND	U	0.64	ND	U	560	3.2	J	4.4	3.2	J	4.9	ND	U	29	ND	U	32
	Xylenes, Total	µg/m³	320	--	1.3	67000	--	1100	290	--	8.7	270	--	9.7	7900	--	58	7400	--	64

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVEW-12-410			SVEW-13-410			SVMW-01-050			SVMW-01-100			SVMW-01-250			SVMW-01-300		
	Field Sample ID:		SVE12-410-212			SVE13-410-212			SV01-050-212			SV01-100-212			SV01-250-212			SV01-300-212		
	Sample Date:		4/13/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	40	--	1	ND	U	600	49	--	0.85	3400	J	4800	1500	J	2000	1000	--	34
	1,1-dichloroethane	µg/m^3	1.0	J	2	ND	U	1200	ND	U	1.6	ND	U	9300	ND	U	3900	ND	U	65
	1,2,4-trichlorobenzene	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	1,2,4-trimethylbenzene	µg/m^3	ND	U	1	5000	--	600	50	--	0.85	15000	--	4800	ND	U	2000	46	J	34
	1,2-dibromoethane	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	1,2-dichloroethane	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	1,3,5-trimethylbenzene	µg/m^3	ND	U	1	2200	--	600	13	--	0.85	11000	J	4800	ND	U	2000	34	J	34
	1,3-butadiene	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	1,4-dioxane	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	2-butanone	µg/m^3	7.5	--	1.9	ND	U	1100	2.9	J	1.6	ND	U	9000	ND	U	3800	ND	U	63
	2-hexanone	µg/m^3	0.75	J	1	ND	U	600	0.62	J	0.85	ND	U	4800	ND	U	2000	ND	U	34
	4-methyl-2-pentanone	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	Acetone	µg/m^3	17	J	16	ND	U	9500	6.3	J	13	ND	U	76000	ND	U	32000	ND	U	530
	Benzene	µg/m^3	5.7	--	1	25000	--	600	ND	U	0.85	180000	--	4800	97000	--	2000	3000	--	34
	Bromodichloromethane	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	Bromoform	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	Carbon disulfide	µg/m^3	2.2	J	3.2	ND	U	1900	ND	U	2.7	ND	U	15000	ND	U	6400	ND	U	110
	Carbon tetrachloride	µg/m^3	41	--	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	44	J	34
	Chloroethane	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	Chloroform	µg/m^3	1.2	J	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	Chloromethane	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	Cyclohexane	µg/m^3	ND	U	2	310000	--	1200	ND	U	1.7	2300000	--	9600	1100000	--	4000	29000	--	67
	Dibromochloromethane	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	Dichlorodifluoromethane	µg/m^3	730	--	19	ND	U	1100	2.9	--	1.6	ND	U	9000	ND	U	3800	18	J	63
	Ethanol	µg/m^3	23	J	5	ND	U	2900	7.4	J	4.1	ND	U	23000	ND	U	9800	99	J	160
	Ethyl acetate	µg/m^3	ND	U	3.9	ND	U	2300	ND	U	3.2	ND	U	18000	ND	U	7700	ND	U	130
	Ethylbenzene	µg/m^3	1.1	J	1	2700	--	600	5.1	--	0.85	15000	J	4800	3000	J	2000	19	J	34
	Hexane	µg/m^3	1.5	J	1.9	210000	--	1100	ND	U	1.6	2300000	--	9000	990000	--	3800	14000	--	63
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	3.8	J	3.8	ND	U	2200	ND	U	3.1	ND	U	18000	ND	U	7500	430	--	120
	m,p-Xylene	µg/m^3	ND	U	2	6200	--	1200	26	--	1.7	110000	--	9600	ND	U	4000	170	J	67
	Methylene Chloride	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	Naphthalene	µg/m^3	ND	U	1.9	ND	U	1100	9.3	--	1.5	ND	U	8700	ND	U	3700	38	J	61
	n-Heptane	µg/m^3	1.4	J	1.9	220000	--	1100	0.50	J	1.6	990000	--	9000	920000	--	3800	12000	--	63
	o-Xylene	µg/m^3	ND	U	1	5500	--	600	9.7	--	0.85	39000	--	4800	6400	--	2000	97	J	34
	Propylene (propene)	µg/m^3	ND	U	1.9	ND	U	1100	2.2	J	1.6	3900	J	9000	9500	--	3800	280	--	63
	Styrene	µg/m^3	ND	U	1.9	ND	U	1100	ND	U	1.6	ND	U	9000	ND	U	3800	ND	U	63
	Tetrachloroethene	µg/m^3	32	--	1	ND	U	600	2.3	J	0.85	2900	J	4800	1200	J	2000	35	J	34
	Tetrahydrofuran	µg/m^3	1.2	J	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	Toluene	µg/m^3	3.7	--	1	30000	--	600	2.8	--	0.85	170000	--	4800	20000	--	2000	110	--	34
	Trichloroethene	µg/m^3	86	--	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	26	J	34
	Trichlorofluoromethane	µg/m^3	56	--	1.9	ND	U	1100	19	--	1.6	ND	U	9000	ND	U	3800	ND	U	63
	Vinyl chloride	µg/m^3	ND	U	1	ND	U	600	ND	U	0.85	ND	U	4800	ND	U	2000	ND	U	34
	Xylenes, Total	µg/m^3	ND	U	2	12000	--	1200	36	--	1.7	150000	--	9600	6400	J	4000	270	--	67

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVMW-02-050			SVMW-02-100			SVMW-02-150			SVMW-02-150			SVMW-05-050			SVMW-05-050		
	Field Sample ID:		SV02-050-212			SV02-100-212			SV02-150-212			SV02-150-612			SV05-050-212			SV05-050-612		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			Field Duplicate			REG			Field Duplicate		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	74	--	0.78	75	--	0.74
	1,1-dichloroethane	µg/m³	ND	U	43	ND	U	4600	ND	U	5100	ND	U	4900	ND	U	1.5	ND	U	1.4
	1,2,4-trichlorobenzene	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	ND	U	22	32000	--	2300	19000	--	2600	23000	--	2500	32	--	0.78	49	--	0.74
	1,2-dibromoethane	µg/m³	ND	U	22	14000	--	2300	1300	J	2600	1600	J	2500	ND	U	0.78	ND	U	0.74
	1,2-dichloroethane	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	1,3,5-trimethylbenzene	µg/m³	ND	U	22	20000	--	2300	13000	--	2600	15000	--	2500	11	--	0.78	15	--	0.74
	1,3-butadiene	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	1,4-dioxane	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	2-butanone	µg/m³	ND	U	42	ND	U	4400	6900	J	4900	ND	U	4800	5.3	--	1.5	7.5	--	1.4
	2-hexanone	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	4-methyl-2-pentanone	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	Acetone	µg/m³	ND	U	350	ND	U	37000	ND	U	42000	ND	U	40000	14	J	12	7.7	J	12
	Benzene	µg/m³	ND	U	22	570000	--	2300	570000	--	2600	590000	--	2500	3.9	--	0.78	14	--	0.74
	Bromodichloromethane	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	Bromoform	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	Carbon disulfide	µg/m³	ND	U	71	ND	U	7500	ND	U	8300	ND	U	8000	2.2	J	2.5	2.4	J	2.3
	Carbon tetrachloride	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	1.1	J	0.78	1.1	J	0.74
	Chloroethane	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	Chloroform	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	Chloromethane	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	Cyclohexane	µg/m³	ND	U	45	1800000	--	4700	1700000	--	5200	1700000	--	5000	18	--	1.6	37	--	1.5
	Dibromochloromethane	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	Dichlorodifluoromethane	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	5.1	--	1.5	5.2	--	1.4
	Ethanol	µg/m³	ND	U	110	ND	U	11000	ND	U	13000	ND	U	12000	13	J	3.8	15	J	3.6
	Ethyl acetate	µg/m³	ND	U	85	ND	U	9000	ND	U	10000	ND	U	9700	ND	U	3	ND	U	2.8
	Ethylbenzene	µg/m³	ND	U	22	110000	--	2300	90000	--	2600	98000	--	2500	4.1	--	0.78	8.1	--	0.74
	Hexane	µg/m³	ND	U	42	1300000	--	4400	1400000	--	4900	1500000	--	4800	17	--	1.5	71	--	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	83	ND	U	8700	ND	U	9700	ND	U	9400	19	--	2.9	ND	U	2.7
	m,p-Xylene	µg/m³	ND	U	45	500000	--	4700	310000	--	5200	340000	--	5000	31	--	1.6	57	--	1.5
	Methylene Chloride	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	Naphthalene	µg/m³	ND	U	41	ND	U	4300	ND	U	4800	4500	J	4600	6.3	--	1.4	13	--	1.3
	n-Heptane	µg/m³	ND	U	42	3000000	--	13000	2800000	--	9900	2800000	--	12000	31	--	1.5	84	--	1.4
	o-Xylene	µg/m³	ND	U	22	120000	--	2300	100000	--	2600	110000	--	2500	13	--	0.78	20	--	0.74
	Propylene (propene)	µg/m³	ND	U	42	2100	J	4400	ND	U	4900	ND	U	4800	7.6	--	1.5	1.5	J	1.4
	Styrene	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	ND	U	1.5	ND	U	1.4
	Tetrachloroethene	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	2.2	J	0.78	2.2	J	0.74
	Tetrahydrofuran	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	13	--	0.78	24	--	0.74
	Toluene	µg/m³	ND	U	22	2200000	--	7000	1200000	--	2600	1300000	--	2500	12	--	0.78	33	--	0.74
	Trichloroethene	µg/m³	ND	U	22	1100	J	2300	ND	U	2600	1400	J	2500	ND	U	0.78	ND	U	0.74
	Trichlorofluoromethane	µg/m³	ND	U	42	ND	U	4400	ND	U	4900	ND	U	4800	15	--	1.5	15	--	1.4
	Vinyl chloride	µg/m³	ND	U	22	ND	U	2300	ND	U	2600	ND	U	2500	ND	U	0.78	ND	U	0.74
	Xylenes, Total	µg/m³	ND	U	45	620000	--	4700	410000	--	5200	450000	--	5000	44	--	1.6	77	--	1.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVMW-05-100			SVMW-05-230			SVMW-05-290			SVMW-06-050			SVMW-06-100			SVMW-06-100		
	Field Sample ID:		SV05-100-212			SV05-230-212			SV05-290-212			SV06-050-212			SV06-100-212			SV06-100-612		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			Field Duplicate		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	120	--	2.6	ND	U	2000	800	--	9.6	100	--	0.78	99	--	0.82	90	--	0.75
	1,1-dichloroethane	µg/m³	ND	U	5.1	ND	U	3800	ND	U	19	ND	U	1.5	ND	U	1.6	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	ND	U	1.5	ND	U	1.5	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	8.9	--	2.6	ND	U	2000	5.7	J	9.6	33	--	0.78	27	--	0.82	27	--	0.75
	1,2-dibromoethane	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	0.31	J	0.78	ND	U	0.82	ND	U	0.75
	1,2-dichloroethane	µg/m³	ND	U	2.6	5300	J	2000	32	--	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	1,3,5-trimethylbenzene	µg/m³	5.9	J	2.6	ND	U	2000	21	J	9.6	11	--	0.78	7.7	--	0.82	7.6	--	0.75
	1,3-butadiene	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	ND	U	1.5	ND	U	1.5	ND	U	1.4
	1,4-dioxane	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	2-butanone	µg/m³	5.4	J	4.9	ND	U	3700	ND	U	18	3.6	J	1.5	3.8	J	1.5	1.4	J	1.4
	2-hexanone	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	4-methyl-2-pentanone	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	Acetone	µg/m³	ND	U	41	ND	U	31000	ND	U	150	27	--	12	14	J	13	29	--	12
	Benzene	µg/m³	2.7	J	2.6	56000	--	2000	270	--	9.6	8.4	--	0.78	6.4	--	0.82	6.6	--	0.75
	Bromodichloromethane	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	Bromoform	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	ND	U	1.5	ND	U	1.5	ND	U	1.4
	Carbon disulfide	µg/m³	ND	U	8.3	ND	U	6300	ND	U	31	7.0	--	2.5	2.0	J	2.6	10	--	2.4
	Carbon tetrachloride	µg/m³	ND	U	2.6	ND	U	2000	37	--	9.6	26	--	0.78	25	--	0.82	23	--	0.75
	Chloroethane	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	ND	U	1.5	ND	U	1.5	ND	U	1.4
	Chloroform	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	2.4	J	0.82	2.4	--	0.75
	Chloromethane	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	ND	U	1.5	ND	U	1.5	ND	U	1.4
	Cyclohexane	µg/m³	280	--	5.2	1200000	--	3900	8500	--	19	7.7	--	1.6	4.4	J	1.6	5.1	--	1.5
	Dibromochloromethane	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	Dichlorodifluoromethane	µg/m³	7.5	J	4.9	ND	U	3700	24	J	18	20	--	1.5	22	--	1.5	20	--	1.4
	Ethanol	µg/m³	20	J	13	ND	U	9600	ND	U	47	13	J	3.8	7.9	J	4	16	J	3.7
	Ethyl acetate	µg/m³	ND	U	10	ND	U	7500	ND	U	37	31	--	3	3.1	J	3.1	110	--	2.9
	Ethylbenzene	µg/m³	2.2	J	2.6	2600	J	2000	5.5	J	9.6	12	--	0.78	8.7	--	0.82	8.7	--	0.75
	Hexane	µg/m³	13	--	4.9	1000000	--	11000	5800	--	18	10	--	1.5	7.8	--	1.5	7.8	--	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	9.7	ND	U	7300	ND	U	36	140	--	2.9	3.1	J	3	850	--	2.8
	m,p-Xylene	µg/m³	8.5	J	5.2	12000	--	3900	40	J	19	66	--	1.6	49	--	1.6	48	--	1.5
	Methylene Chloride	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	1.5	J	1.5	ND	U	1.5	ND	U	1.4
	Naphthalene	µg/m³	2.9	J	4.8	ND	U	3600	ND	U	18	1.5	J	1.4	6.1	--	1.5	7.6	--	1.4
	n-Heptane	µg/m³	8.0	--	4.9	980000	--	3700	3100	--	18	27	--	1.5	21	--	1.5	23	--	1.4
	o-Xylene	µg/m³	3.3	J	2.6	5500	J	2000	48	--	9.6	21	--	0.78	15	--	0.82	15	--	0.75
	Propylene (propene)	µg/m³	5.0	J	4.9	13000	--	3700	32	--	18	52	--	1.5	2.2	J	1.5	270	--	1.4
	Styrene	µg/m³	ND	U	4.9	ND	U	3700	ND	U	18	ND	U	1.5	ND	U	1.5	ND	U	1.4
	Tetrachloroethene	µg/m³	2.3	J	2.6	ND	U	2000	12	J	9.6	1.8	J	0.78	2.0	J	0.82	2.0	J	0.75
	Tetrahydrofuran	µg/m³	1.4	J	2.6	ND	U	2000	ND	U	9.6	0.43	J	0.78	0.60	J	0.82	0.91	J	0.75
	Toluene	µg/m³	3.5	J	2.6	66000	--	2000	88	--	9.6	82	--	0.78	59	--	0.82	64	--	0.75
	Trichloroethene	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	17	--	0.78	ND	U	0.82	ND	U	0.75
	Trichlorofluoromethane	µg/m³	9.5	--	4.9	ND	U	3700	5.5	J	18	5.6	--	1.5	5.7	--	1.5	5.3	--	1.4
	Vinyl chloride	µg/m³	ND	U	2.6	ND	U	2000	ND	U	9.6	ND	U	0.78	ND	U	0.82	ND	U	0.75
	Xylenes, Total	µg/m³	12	J	5.2	18000	--	3900	87	--	19	87	--	1.6	64	--	1.6	63	--	1.5

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVMW-06-252			SVMW-06-302			SVMW-07-050			SVMW-07-100			SVMW-07-150			SVMW-12-150		
	Field Sample ID:		SV06-252-212			SV06-302-212			SV07-050-212			SV07-100-212			SV07-150-212			SV12-150-212		
	Sample Date:		4/19/2021			4/19/2021			4/21/2021			4/21/2021			4/21/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	500	J	590	130	--	1.6	ND	U	710	ND	U	530	36	--	0.74	590	--	6.9
	1,1-dichloroethane	µg/m^3	ND	U	1100	ND	U	3.2	ND	U	1400	ND	U	1000	ND	U	1.4	ND	U	1.3
	1,2,4-trichlorobenzene	µg/m^3	ND	U	1100	ND	U	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	1,2,4-trimethylbenzene	µg/m^3	ND	U	590	5.1	--	1.6	ND	U	710	ND	U	530	3.7	--	0.74	ND	U	0.69
	1,2-dibromoethane	µg/m^3	ND	U	590	1.3	J	1.6	ND	U	710	ND	U	530	ND	U	0.74	ND	U	0.69
	1,2-dichloroethane	µg/m^3	1100	J	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	ND	U	0.69
	1,3,5-trimethylbenzene	µg/m^3	ND	U	590	2.3	J	1.6	ND	U	710	ND	U	530	1.3	J	0.74	ND	U	0.69
	1,3-butadiene	µg/m^3	ND	U	1100	ND	U	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	1,4-dioxane	µg/m^3	ND	U	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	ND	U	0.69
	2-butanone	µg/m^3	ND	U	1100	6.3	J	3.1	ND	U	1300	ND	U	990	2.2	J	1.4	0.64	J	1.3
	2-hexanone	µg/m^3	ND	U	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	6.5	--	0.69
	4-methyl-2-pentanone	µg/m^3	ND	U	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	ND	U	0.69
	Acetone	µg/m^3	ND	U	9400	20	J	26	ND	U	11000	ND	U	8400	9.8	J	12	ND	U	11
	Benzene	µg/m^3	330000	--	590	92	--	1.6	31000	--	710	39000	--	530	10	--	0.74	2	J	0.69
	Bromodichloromethane	µg/m^3	ND	U	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	ND	U	0.69
	Bromoform	µg/m^3	ND	U	1100	ND	U	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	Carbon disulfide	µg/m^3	ND	U	1900	12	--	5.2	ND	U	2300	ND	U	1700	ND	U	2.3	ND	U	2.2
	Carbon tetrachloride	µg/m^3	ND	U	590	61	--	1.6	ND	U	710	ND	U	530	7.9	--	0.74	42	--	0.69
	Chloroethane	µg/m^3	ND	U	1100	ND	U	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	Chloroform	µg/m^3	ND	U	590	8.4	--	1.6	ND	U	710	ND	U	530	ND	U	0.74	4.2	--	0.69
	Chloromethane	µg/m^3	ND	U	1100	1.1	J	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	Cyclohexane	µg/m^3	130000	--	1200	240	--	3.2	500000	--	1400	470000	--	1100	47	--	1.5	500	--	1.4
	Dibromochloromethane	µg/m^3	ND	U	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	ND	U	0.69
	Dichlorodifluoromethane	µg/m^3	ND	U	1100	39	--	3.1	ND	U	1300	ND	U	990	4.8	--	1.4	29	--	1.3
	Ethanol	µg/m^3	3400	J	2900	6.7	J	7.9	ND	U	3500	ND	U	2600	6.1	J	3.6	4.4	J	3.4
	Ethyl acetate	µg/m^3	ND	U	2300	ND	U	6.2	ND	U	2700	ND	U	2000	ND	U	2.8	1.2	J	2.6
	Ethylbenzene	µg/m^3	ND	U	590	2.4	J	1.6	2400	--	710	680	J	530	2.6	--	0.74	0.73	J	0.69
	Hexane	µg/m^3	18000	--	1100	36	--	3.1	580000	--	4100	410000	--	3000	60	--	1.4	ND	U	1.3
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	ND	U	2200	4.9	J	6	ND	U	2600	ND	U	2000	ND	U	2.7	0.94	J	2.6
	m,p-Xylene	µg/m^3	1200	J	1200	11	--	3.2	4100	J	1400	4200	--	1100	13	--	1.5	2	J	1.4
	Methylene Chloride	µg/m^3	ND	U	1100	ND	U	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	Naphthalene	µg/m^3	ND	U	1100	ND	U	3	ND	U	1300	ND	U	960	2.0	J	1.3	ND	U	1.3
	n-Heptane	µg/m^3	460	J	1100	20	--	3.1	450000	--	4100	310000	--	990	130	--	1.4	0.36	J	1.3
	o-Xylene	µg/m^3	3200	--	590	7.1	--	1.6	1000	J	710	1200	J	530	3.9	--	0.74	0.65	J	0.69
	Propylene (propene)	µg/m^3	710	J	1100	9.7	--	3.1	1500	J	1300	ND	U	990	1.4	J	1.4	9.7	--	1.3
	Styrene	µg/m^3	ND	U	1100	ND	U	3.1	ND	U	1300	ND	U	990	ND	U	1.4	ND	U	1.3
	Tetrachloroethene	µg/m^3	ND	U	590	1.7	J	1.6	ND	U	710	ND	U	530	1.0	J	0.74	17	--	0.69
	Tetrahydrofuran	µg/m^3	ND	U	590	1.5	J	1.6	ND	U	710	ND	U	530	0.51	J	0.74	1.1	J	0.69
	Toluene	µg/m^3	8000	--	590	18	--	1.6	39000	--	710	39000	--	530	35	--	0.74	6.8	--	0.69
	Trichloroethene	µg/m^3	ND	U	590	0.74	J	1.6	ND	U	710	ND	U	530	1.8	J	0.74	66	--	0.69
	Trichlorofluoromethane	µg/m^3	ND	U	1100	13	--	3.1	ND	U	1300	ND	U	990	5.1	--	1.4	5	--	1.3
	Vinyl chloride	µg/m^3	ND	U	590	ND	U	1.6	ND	U	710	ND	U	530	ND	U	0.74	3.6	--	0.69
	Xylenes, Total	µg/m^3	4400	--	1200	18	--	3.2	5100	--	1400	5400	--	1100	17	--	1.5	2.7	J	1.4

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVMW-12-250			SVMW-12-350			SVMW-12-450			SVMW-13-150			SVMW-13-250			SVMW-13-350		
	Field Sample ID:		SV12-250-212			SV12-350-212			SV12-450-212			SV13-150-212			SV13-250-212			SV13-350-212		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	1200	--	7.4	36	--	0.78	1100	--	7.8	ND	U	100	12	--	0.73	15	--	0.71
	1,1-dichloroethane	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.4
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	1,2,4-trimethylbenzene	µg/m³	ND	U	0.74	0.75	J	0.78	ND	U	0.78	1900	--	100	39	--	0.73	13	--	0.71
	1,2-dibromoethane	µg/m³	ND	U	0.74	ND	U	0.78	ND	U	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	1,2-dichloroethane	µg/m³	ND	U	0.74	ND	U	0.78	ND	U	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	1,3,5-trimethylbenzene	µg/m³	1.9	J	0.74	ND	U	0.78	ND	U	0.78	4300	--	100	74	--	0.73	23	--	0.71
	1,3-butadiene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	1,4-dioxane	µg/m³	ND	U	0.74	ND	U	0.78	ND	U	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	2-butanone	µg/m³	9.6	--	1.4	5.3	--	1.5	4.1	J	1.5	72	J	190	8.3	--	1.4	10	--	1.3
	2-hexanone	µg/m³	ND	U	0.74	0.54	J	0.78	0.38	J	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	4-methyl-2-pentanone	µg/m³	8.6	--	0.74	ND	U	0.78	0.7	J	0.78	ND	U	100	0.32	J	0.73	ND	U	0.71
	Acetone	µg/m³	ND	U	12	7.7	J	12	ND	U	12	ND	U	1600	17	J	12	28	--	11
	Benzene	µg/m³	500	--	7.4	1.7	J	0.78	11	--	0.78	5400	--	100	8.8	--	0.73	0.88	J	0.71
	Bromodichloromethane	µg/m³	ND	U	0.74	ND	U	0.78	ND	U	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	Bromoform	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	Carbon disulfide	µg/m³	ND	U	2.4	3.2	J	2.5	ND	U	2.5	ND	U	320	4.3	J	2.3	3	J	2.2
	Carbon tetrachloride	µg/m³	45	--	0.74	3.9	--	0.78	23	--	0.78	ND	U	100	2.7	--	0.73	6.1	--	0.71
	Chloroethane	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	Chloroform	µg/m³	8.9	--	0.74	0.46	J	0.78	3.1	--	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	Chloromethane	µg/m³	0.41	J	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	Cyclohexane	µg/m³	4300	--	15	1.8	J	1.6	5.2	--	1.6	46000	--	200	26	--	1.5	11	--	1.4
	Dibromochloromethane	µg/m³	ND	U	0.74	ND	U	0.78	ND	U	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	Dichlorodifluoromethane	µg/m³	17	--	1.4	1	J	1.5	7.4	--	1.5	ND	U	190	7	--	1.4	4.4	--	1.3
	Ethanol	µg/m³	450	--	3.6	25	--	3.8	57	--	3.8	ND	U	490	19	J	3.6	21	J	3.4
	Ethyl acetate	µg/m³	ND	U	2.8	ND	U	3	ND	U	3	ND	U	380	ND	U	2.8	ND	U	2.7
	Ethylbenzene	µg/m³	1.4	J	0.74	ND	U	0.78	ND	U	0.78	610	--	100	3.5	--	0.73	1.1	J	0.71
	Hexane	µg/m³	1300	--	14	0.64	J	1.5	ND	U	1.5	2000	--	190	0.82	J	1.4	ND	U	1.3
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	72	--	2.8	1.8	J	2.9	730	--	2.9	ND	U	370	3.4	J	2.7	110	--	2.6
	m,p-Xylene	µg/m³	3.7	J	1.5	0.88	J	1.6	ND	U	1.6	7100	--	200	44	--	1.5	13	--	1.4
	Methylene Chloride	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	Naphthalene	µg/m³	ND	U	1.4	0.85	J	1.4	ND	U	1.4	ND	U	180	5.3	--	1.3	3.1	--	1.3
	n-Heptane	µg/m³	100	--	1.4	ND	U	1.5	ND	U	1.5	1200	--	190	1.7	J	1.4	0.5	J	1.3
	o-Xylene	µg/m³	13	--	0.74	0.39	J	0.78	ND	U	0.78	7000	--	100	51	--	0.73	14	--	0.71
	Propylene (propene)	µg/m³	78	--	1.4	0.61	J	1.5	120	--	1.5	500	--	190	1.7	J	1.4	16	--	1.3
	Styrene	µg/m³	ND	U	1.4	ND	U	1.5	ND	U	1.5	ND	U	190	ND	U	1.4	ND	U	1.3
	Tetrachloroethene	µg/m³	15	--	0.74	3.2	--	0.78	13	--	0.78	ND	U	100	1.2	J	0.73	1.3	J	0.71
	Tetrahydrofuran	µg/m³	1.5	J	0.74	1.9	J	0.78	ND	U	0.78	190	J	100	1.5	J	0.73	7.4	--	0.71
	Toluene	µg/m³	51	--	0.74	1.3	J	0.78	0.79	J	0.78	11000	--	100	26	--	0.73	7.1	--	0.71
	Trichloroethene	µg/m³	93	--	0.74	0.52	J	0.78	38	--	0.78	ND	U	100	ND	U	0.73	ND	U	0.71
	Trichlorofluoromethane	µg/m³	5.3	--	1.4	0.4	J	1.5	4	--	1.5	ND	U	190	2	J	1.4	2.4	--	1.3
	Vinyl chloride	µg/m³	6.5	--	0.74	7.2	--	0.78	2.1	J	0.78	ND	U	100	5.2	--	0.73	4.8	--	0.71
	Xylenes, Total	µg/m³	16	--	1.5	1.3	J	1.6	ND	U	1.6	14000	--	200	96	--	1.5	27	--	1.4

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVMW-13-450			SVMW-14-150			SVMW-14-250			SVMW-14-350			SVMW-14-450			SVMW-14-450		
	Field Sample ID:		SV13-450-212			SV14-150-212			SV14-250-212			SV14-350-212			SV14-450-212			SV14-450-612		
	Sample Date:		4/20/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021		
	Sample Type:		REG			REG			REG			REG			REG			Field Duplicate		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	3.1	--	0.84	160	--	0.8	150	--	0.86	55	--	0.86	0.42	J	0.81	0.40	J	0.79
	1,1-dichloroethane	µg/m³	ND	U	1.6	ND	U	1.6	ND	U	1.7	2.1	J	1.7	ND	U	1.6	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m³	5.1	--	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	1,2-dibromoethane	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	1,2-dichloroethane	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	1,3,5-trimethylbenzene	µg/m³	13	--	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	1,3-butadiene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5
	1,4-dioxane	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	2-butanone	µg/m³	6.8	--	1.6	6.3	--	1.5	8.6	--	1.6	260	--	1.6	8.5	--	1.5	9.4	--	1.5
	2-hexanone	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	1.1	J	0.86	0.93	J	0.81	1.5	J	0.79
	4-methyl-2-pentanone	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	Acetone	µg/m³	ND	U	13	ND	U	13	ND	U	14	440	--	14	8.7	J	13	11	J	13
	Benzene	µg/m³	91	--	0.84	0.76	J	0.8	0.62	J	0.86	4.4	--	0.86	0.71	J	0.81	1.2	J	0.79
	Bromodichloromethane	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	Bromoform	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5
	Carbon disulfide	µg/m³	1.8	J	2.7	4.9	--	2.6	2.6	J	2.7	6.3	--	2.7	2.5	J	2.6	4.8	--	2.5
	Carbon tetrachloride	µg/m³	3.4	--	0.84	320	--	0.8	320	--	0.86	64	--	0.86	1.9	J	0.81	2.0	J	0.79
	Chloroethane	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5
	Chloroform	µg/m³	ND	U	0.84	1.5	J	0.8	1.8	J	0.86	3.5	--	0.86	ND	U	0.81	ND	U	0.79
	Chloromethane	µg/m³	ND	U	1.6	0.99	J	1.5	0.63	J	1.6	2.3	J	1.6	0.41	J	1.5	0.77	J	1.5
	Cyclohexane	µg/m³	680	--	1.7	44	--	1.6	160	--	1.7	0.77	J	1.7	ND	U	1.6	1.6	J	1.6
	Dibromochloromethane	µg/m³	ND	U	0.84	ND	U	0.8	ND	U	0.86	ND	U	0.86	ND	U	0.81	ND	U	0.79
	Dichlorodifluoromethane	µg/m³	4.2	--	1.6	59	--	1.5	63	--	1.6	890	--	16	11	--	1.5	11	--	1.5
	Ethanol	µg/m³	23	J	4.1	33	--	3.9	18	J	4.2	28	--	4.2	25	J	3.9	27	--	3.9
	Ethyl acetate	µg/m³	ND	U	3.2	ND	U	3.1	ND	U	3.3	19	--	3.3	1.9	J	3.1	ND	U	3
	Ethylbenzene	µg/m³	0.92	J	0.84	ND	U	0.8	ND	U	0.86	0.44	J	0.86	ND	U	0.81	ND	U	0.79
	Hexane	µg/m³	54	--	1.6	2.0	J	1.5	9.8	--	1.6	1.2	J	1.6	0.79	J	1.5	4.0	--	1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	1.7	J	3.1	210	--	3	1.4	J	3.2	2.4	J	3.2	2.6	J	3	3.3	J	2.9
	m,p-Xylene	µg/m³	7.3	--	1.7	ND	U	1.6	ND	U	1.7	1.3	J	1.7	ND	U	1.6	0.85	J	1.6
	Methylene Chloride	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5
	Naphthalene	µg/m³	1.9	J	1.5	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.4
	n-Heptane	µg/m³	0.48	J	1.6	3.6	--	1.5	1.9	J	1.6	2.0	J	1.6	1.1	J	1.5	6.2	--	1.5
	o-Xylene	µg/m³	10	--	0.84	ND	U	0.8	ND	U	0.86	0.59	J	0.86	ND	U	0.81	ND	U	0.79
	Propylene (propene)	µg/m³	23	--	1.6	18	--	1.5	1.9	J	1.6	0.83	J	1.6	0.76	J	1.5	0.90	J	1.5
	Styrene	µg/m³	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.5	ND	U	1.5
	Tetrachloroethene	µg/m³	0.78	J	0.84	89	--	0.8	100	--	0.86	43	--	0.86	2.3	J	0.81	2.4	J	0.79
	Tetrahydrofuran	µg/m³	0.55	J	0.84	180	--	0.8	100	--	0.86	330	--	0.86	5.0	--	0.81	11	--	0.79
	Toluene	µg/m³	4.5	--	0.84	1.1	J	0.8	0.99	J	0.86	8.8	--	0.86	1.9	J	0.81	3.2	--	0.79
	Trichloroethene	µg/m³	0.57	J	0.84	110	--	0.8	140	--	0.86	200	--	0.86	0.76	J	0.81	0.83	J	0.79
	Trichlorofluoromethane	µg/m³	2.1	J	1.6	8.5	--	1.5	8.5	--	1.6	81	--	1.6	0.52	J	1.5	0.49	J	1.5
	Vinyl chloride	µg/m³	4.4	--	0.84	ND	U	0.8	ND	U	0.86	0.79	J	0.86	1.2	J	0.81	1.8	J	0.79
	Xylenes, Total	µg/m³	17	--	1.7	ND	U	1.6	ND	U	1.7	1.9	J	1.7	ND	U	1.6	0.85	J	1.6

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Location ID[a]:		SVMW-15-150			SVMW-15-250			SVMW-15-350			SVMW-15-450		
	Field Sample ID:		SV15-150-212			SV15-250-212			SV15-350-212			SV15-450-212		
	Sample Date:		4/19/2021			4/19/2021			4/19/2021			4/19/2021		
	Sample Type:		REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	11	--	0.78	10	--	0.58	ND	U	63	ND	U	840
	1,1-dichloroethane	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	1,2,4-trichlorobenzene	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	1,2,4-trimethylbenzene	µg/m^3	ND	U	0.78	0.51	J	0.58	ND	U	63	1300	J	840
	1,2-dibromoethane	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	1,2-dichloroethane	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	1,3,5-trimethylbenzene	µg/m^3	13	--	0.78	2	--	0.58	35	J	63	1700	J	840
	1,3-butadiene	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	1,4-dioxane	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	2-butanone	µg/m^3	10	--	1.5	3.6	--	1.1	ND	U	120	ND	U	1600
	2-hexanone	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	4-methyl-2-pentanone	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	Acetone	µg/m^3	12	J	12	ND	U	9.2	ND	U	1000	ND	U	13000
	Benzene	µg/m^3	14	--	0.78	230	--	0.58	290	--	63	57000	--	840
	Bromodichloromethane	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	Bromoform	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	Carbon disulfide	µg/m^3	2.4	J	2.5	ND	U	1.8	ND	U	200	ND	U	2700
	Carbon tetrachloride	µg/m^3	2.6	--	0.78	3.3	--	0.58	ND	U	63	ND	U	840
	Chloroethane	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	Chloroform	µg/m^3	0.82	J	0.78	ND	U	0.58	ND	U	63	ND	U	840
	Chloromethane	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	Cyclohexane	µg/m^3	160	--	1.6	150	--	1.2	57000	--	130	600000	--	1700
	Dibromochloromethane	µg/m^3	ND	U	0.78	ND	U	0.58	ND	U	63	ND	U	840
	Dichlorodifluoromethane	µg/m^3	9	--	1.5	4.9	--	1.1	70	J	120	ND	U	1600
	Ethanol	µg/m^3	28	--	3.8	45	--	2.8	ND	U	310	ND	U	4100
	Ethyl acetate	µg/m^3	ND	U	3	5.9	--	2.2	ND	U	240	ND	U	3200
	Ethylbenzene	µg/m^3	6.5	--	0.78	1.1	J	0.58	ND	U	63	8600	--	840
	Hexane	µg/m^3	65	--	1.5	15	--	1.1	4100	--	120	480000	--	1600
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	2.3	J	2.9	44	--	2.2	ND	U	230	ND	U	3100
	m,p-Xylene	µg/m^3	15	--	1.6	4.7	--	1.2	ND	U	130	28000	--	1700
	Methylene Chloride	µg/m^3	ND	U	1.5	2.7	--	1.1	ND	U	120	ND	U	1600
	Naphthalene	µg/m^3	ND	U	1.4	ND	U	1.1	ND	U	120	ND	U	1500
	n-Heptane	µg/m^3	210	--	1.5	17	--	1.1	51	J	120	490000	--	6300
	o-Xylene	µg/m^3	24	--	0.78	5.1	--	0.58	91	J	63	10000	--	840
	Propylene (propene)	µg/m^3	1	J	1.5	8.4	--	1.1	ND	U	120	ND	U	1600
	Styrene	µg/m^3	ND	U	1.5	ND	U	1.1	ND	U	120	ND	U	1600
	Tetrachloroethene	µg/m^3	2.4	--	0.78	2.1	--	0.58	ND	U	63	ND	U	840
	Tetrahydrofuran	µg/m^3	13	--	0.78	0.36	J	0.58	ND	U	63	ND	U	840
	Toluene	µg/m^3	46	--	0.78	13	--	0.58	160	J	63	160000	--	840
	Trichloroethene	µg/m^3	ND	U	0.78	ND	U	0.58	47	J	63	ND	U	840
	Trichlorofluoromethane	µg/m^3	1.6	J	1.5	1.2	J	1.1	ND	U	120	ND	U	1600
	Vinyl chloride	µg/m^3	ND	U	0.78	0.34	J	0.58	ND	U	63	ND	U	840
	Xylenes, Total	µg/m^3	39	--	1.6	9.8	--	1.2	91	J	130	38000	--	1700

Table 4-3
Analytical Data from On-Base (Outside the Source Area) Soil Vapor Monitoring Points, Q2 2021

[a] Samples were collected from the screened intervals presented on Table 3-1.

µg/m^3 = microgram per cubic meter
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
ND = not detected
Q2 = second quarter
REG = normal field sample
Val Qual = validation qualifier
VOC = volatile organic compound
Shading = detected concentrations
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106V1-102			KAFB-106V1-113			KAFB-106V1-160			KAFB-106V1-217			KAFB-106V1-252			KAFB-106V1-263		
	Field Sample ID:		SV1-102-212			SV1-113-212			SV1-160-212			SV1-217-212			SV1-252-212			SV1-263-212		
	Sample Date:		4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	1,1-dichloroethane	µg/m³	ND	U	13000	ND	U	13000	ND	U	3300	ND	U	11000	ND	U	16000	ND	U	13000
	1,2,4-trichlorobenzene	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	1,2,4-trimethylbenzene	µg/m³	32000	--	6700	17000	J	6800	24000	--	1700	29000	--	5800	30000	--	8400	64000	--	6600
	1,2-dibromoethane	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	16000	J	6600
	1,2-dichloroethane	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	1,3,5-trimethylbenzene	µg/m³	11000	J	6700	5500	J	6800	11000	--	1700	15000	J	5800	14000	J	8400	25000	--	6600
	1,3-butadiene	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	1,4-dioxane	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	2-butanone	µg/m³	300000	--	13000	230000	--	13000	36000	--	3200	110000	--	11000	120000	--	16000	250000	--	12000
	2-hexanone	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	4-methyl-2-pentanone	µg/m³	5400	J	6700	ND	U	6800	1700	J	1700	ND	U	5800	11000	J	8400	20000	J	6600
	Acetone	µg/m³	2300000	--	110000	1700000	--	110000	1100000	--	27000	1800000	--	92000	600000	--	130000	1200000	--	100000
	Benzene	µg/m³	950000	--	6700	720000	--	6800	110000	--	1700	600000	--	5800	85000	--	8400	170000	--	6600
	Bromodichloromethane	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Bromoform	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Carbon disulfide	µg/m³	ND	U	21000	ND	U	22000	2500	J	5300	7400	J	18000	ND	U	27000	ND	U	21000
	Carbon tetrachloride	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Chloroethane	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Chloroform	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Chloromethane	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Cyclohexane	µg/m³	2700000	--	13000	2100000	--	14000	590000	--	3400	2400000	--	12000	500000	--	17000	830000	--	13000
	Dibromochloromethane	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Dichlorodifluoromethane	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Ethanol	µg/m³	120000	J	33000	91000	J	33000	67000	--	8200	47000	J	28000	19000	J	41000	ND	U	32000
	Ethyl acetate	µg/m³	ND	U	26000	ND	U	26000	ND	U	6400	ND	U	22000	ND	U	32000	ND	U	25000
	Ethylbenzene	µg/m³	70000	--	6700	45000	--	6800	130000	--	1700	140000	--	5800	210000	--	8400	270000	--	6600
	Hexane	µg/m³	3700000	--	13000	3100000	--	13000	230000	--	3200	2700000	--	11000	130000	--	16000	290000	--	12000
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	130000	--	25000	98000	--	25000	160000	--	6200	17000	J	21000	13000	J	31000	35000	J	24000
	m,p-Xylene	µg/m³	110000	--	13000	69000	--	14000	230000	--	3400	390000	--	12000	570000	--	17000	670000	--	13000
	Methylene Chloride	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Naphthalene	µg/m³	ND	U	12000	ND	U	12000	ND	U	3100	ND	U	11000	ND	U	15000	ND	U	12000
	n-Heptane	µg/m³	1400000	--	13000	1200000	--	13000	1000000	--	3200	3000000	--	11000	3900000	--	16000	4200000	--	25000
	o-Xylene	µg/m³	36000	--	6700	21000	J	6800	74000	--	1700	110000	--	5800	150000	--	8400	170000	--	6600
	Propylene (propene)	µg/m³	8100	J	13000	6400	J	13000	4400	J	3200	4800	J	11000	7300	J	16000	9900	J	12000
	Styrene	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Tetrachloroethene	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Tetrahydrofuran	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Toluene	µg/m³	830000	--	6700	690000	--	6800	700000	--	1700	1500000	--	5800	2700000	--	8400	3700000	--	6600
	Trichloroethene	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Trichlorofluoromethane	µg/m³	ND	U	13000	ND	U	13000	ND	U	3200	ND	U	11000	ND	U	16000	ND	U	12000
	Vinyl chloride	µg/m³	ND	U	6700	ND	U	6800	ND	U	1700	ND	U	5800	ND	U	8400	ND	U	6600
	Xylenes, Total	µg/m³	140000	--	13000	90000	--	14000	310000	--	3400	500000	--	12000	720000	--	17000	840000	--	13000

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		KAFB-106V2-102			KAFB-106V2-117			KAFB-106V2-160			KAFB-106V2-217			KAFB-106V2-252			KAFB-106V2-270		
	Field Sample ID:		SV2-102-212			SV2-117-212			SV2-160-212			SV2-217-212			SV2-252-212			SV2-270-212		
	Sample Date:		4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	1,1-dichloroethane	µg/m³	ND	U	14000	ND	U	26000	ND	U	210	ND	U	15000	ND	U	1500	ND	U	2800
	1,2,4-trichlorobenzene	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	1,2,4-trimethylbenzene	µg/m³	18000	J	7100	28000	J	14000	63000	--	110	24000	--	7700	43000	--	790	77000	--	1400
	1,2-dibromoethane	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	1,2-dichloroethane	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	1,3,5-trimethylbenzene	µg/m³	9300	J	7100	12000	J	14000	23000	--	110	11000	J	7700	15000	--	790	30000	--	1400
	1,3-butadiene	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	1,4-dioxane	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	2-butanone	µg/m³	530000	--	13000	160000	--	26000	1200	--	210	26000	J	14000	3800	J	1500	52000	--	2700
	2-hexanone	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	4-methyl-2-pentanone	µg/m³	15000	J	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	4800	J	1400
	Acetone	µg/m³	3500000	--	110000	1800000	--	220000	33000	--	1700	3000000	--	120000	81000	--	13000	530000	--	23000
	Benzene	µg/m³	1300000	--	7100	1500000	--	14000	4900	--	110	960000	--	7700	2300	J	790	65000	--	1400
	Bromodichloromethane	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Bromoform	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Carbon disulfide	µg/m³	12000	J	23000	ND	U	43000	ND	U	350	ND	U	24000	ND	U	2500	ND	U	4500
	Carbon tetrachloride	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Chloroethane	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Chloroform	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Chloromethane	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Cyclohexane	µg/m³	4700000	--	14000	5100000	--	27000	19000	--	220	3400000	--	15000	13000	--	1600	250000	--	2900
	Dibromochloromethane	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Dichlorodifluoromethane	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Ethanol	µg/m³	160000	J	35000	51000	J	66000	2400	J	530	19000	J	38000	ND	U	3800	ND	U	7000
	Ethyl acetate	µg/m³	ND	U	27000	ND	U	52000	ND	U	420	ND	U	29000	ND	U	3000	ND	U	5500
	Ethylbenzene	µg/m³	140000	--	7100	150000	--	14000	35000	--	110	110000	--	7700	120000	--	790	200000	--	1400
	Hexane	µg/m³	5400000	--	27000	7300000	--	26000	15000	--	210	4000000	--	14000	1800	J	1500	150000	--	2700
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	270000	--	26000	26000	J	50000	2600	--	410	55000	--	29000	6300	--	2900	21000	--	5300
	m,p-Xylene	µg/m³	310000	--	14000	350000	--	27000	89000	--	220	250000	--	15000	260000	--	1600	490000	--	2900
	Methylene Chloride	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Naphthalene	µg/m³	ND	U	13000	ND	U	25000	1800	--	200	ND	U	14000	890	J	1400	1600	J	2600
	n-Heptane	µg/m³	4100000	--	27000	4300000	--	26000	68000	--	620	2900000	--	14000	310000	--	1500	760000	--	2700
	o-Xylene	µg/m³	84000	--	7100	94000	--	14000	41000	--	110	72000	--	7700	74000	--	790	140000	--	1400
	Propylene (propene)	µg/m³	7800	J	13000	ND	U	26000	3400	--	210	ND	U	14000	2300	J	1500	4100	J	2700
	Styrene	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Tetrachloroethene	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Tetrahydrofuran	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Toluene	µg/m³	2500000	--	7100	2500000	--	14000	64000	--	110	1500000	--	7700	510000	--	2400	900000	--	3600
	Trichloroethene	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Trichlorofluoromethane	µg/m³	ND	U	13000	ND	U	26000	ND	U	210	ND	U	14000	ND	U	1500	ND	U	2700
	Vinyl chloride	µg/m³	ND	U	7100	ND	U	14000	ND	U	110	ND	U	7700	ND	U	790	ND	U	1400
	Xylenes, Total	µg/m³	400000	--	14000	450000	--	27000	130000	--	220	320000	--	15000	330000	--	1600	630000	--	2900

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		SVEW-01-260			SVEW-02-060			SVEW-03-160			SVEW-04-313			SVEW-05-460			SVEW-06-060		
	Field Sample ID:		SVE01-260-212			SVE02-060-212			SVE03-160-212			SVE04-313-212			SVE05-460-212			SVE06-060-212		
	Sample Date:		4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021			4/5/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	25	J	32	ND	U	1600
	1,1-dichloroethane	µg/m³	ND	U	4.7	ND	U	1200	ND	U	110	ND	U	87	ND	U	63	ND	U	3100
	1,2,4-trichlorobenzene	µg/m³	ND	U	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	1,2,4-trimethylbenzene	µg/m³	83	--	2.4	28000	--	610	3500	--	55	1400	--	45	1400	--	32	21000	--	1600
	1,2-dibromoethane	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	1,2-dichloroethane	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	1,3,5-trimethylbenzene	µg/m³	25	--	2.4	13000	--	610	1400	--	55	940	--	45	1300	--	32	7300	--	1600
	1,3-butadiene	µg/m³	ND	U	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	1,4-dioxane	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	2-butanone	µg/m³	63	--	4.6	16000	--	1100	310	J	100	32	J	84	32	J	61	31000	--	3000
	2-hexanone	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	4-methyl-2-pentanone	µg/m³	ND	U	2.4	1800	J	610	ND	U	55	ND	U	45	ND	U	32	1100	J	1600
	Acetone	µg/m³	650	--	38	210000	--	9700	3600	--	870	ND	U	710	ND	U	510	140000	--	25000
	Benzene	µg/m³	270	--	2.4	150000	--	610	4100	--	55	890	--	45	970	--	32	150000	--	1600
	Bromodichloromethane	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Bromoform	µg/m³	ND	U	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	Carbon disulfide	µg/m³	ND	U	7.7	4200	--	1900	ND	U	170	ND	U	140	ND	U	100	ND	U	5100
	Carbon tetrachloride	µg/m³	1.1	J	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Chloroethane	µg/m³	ND	U	4.6	ND	U	1100	ND	U	100	43	J	84	52	J	61	ND	U	3000
	Chloroform	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Chloromethane	µg/m³	1.4	J	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	Cyclohexane	µg/m³	850	--	4.8	510000	--	1200	14000	--	110	17000	--	89	19000	--	65	790000	--	3200
	Dibromochloromethane	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Dichlorodifluoromethane	µg/m³	2.1	J	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	Ethanol	µg/m³	34	J	12	1400	J	3000	280	J	270	ND	U	220	ND	U	160	27000	J	7800
	Ethyl acetate	µg/m³	ND	U	9.3	ND	U	2300	ND	U	210	ND	U	170	ND	U	120	ND	U	6100
	Ethylbenzene	µg/m³	52	--	2.4	88000	--	610	3400	--	55	340	--	45	330	--	32	76000	--	1600
	Hexane	µg/m³	1100	--	4.6	480000	--	5700	14000	--	100	6300	--	84	7600	--	61	820000	--	3000
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	54	--	9	800	J	2300	580	--	200	ND	U	170	ND	U	120	6200	J	5900
	m,p-Xylene	µg/m³	110	--	4.8	170000	--	1200	8100	--	110	1600	--	89	1600	--	65	78000	--	3200
	Methylene Chloride	µg/m³	ND	U	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	Naphthalene	µg/m³	30	--	4.4	790	J	1100	370	--	100	140	--	81	140	--	59	ND	U	2900
	n-Heptane	µg/m³	700	--	4.6	470000	--	5700	16000	--	100	4400	--	84	5500	--	61	730000	--	3000
	o-Xylene	µg/m³	38	--	2.4	69000	--	610	3500	--	55	810	--	45	890	--	32	29000	--	1600
	Propylene (propene)	µg/m³	8.4	--	4.6	2200	--	1100	96	J	100	66	J	84	74	J	61	4300	J	3000
	Styrene	µg/m³	ND	U	4.6	420	J	1100	36	J	100	ND	U	84	ND	U	61	ND	U	3000
	Tetrachloroethene	µg/m³	ND	U	2.4	280	J	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Tetrahydrofuran	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Toluene	µg/m³	500	--	2.4	480000	--	3000	16000	--	55	1600	--	45	1600	--	32	340000	--	1600
	Trichloroethene	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Trichlorofluoromethane	µg/m³	ND	U	4.6	ND	U	1100	ND	U	100	ND	U	84	ND	U	61	ND	U	3000
	Vinyl chloride	µg/m³	ND	U	2.4	ND	U	610	ND	U	55	ND	U	45	ND	U	32	ND	U	1600
	Xylenes, Total	µg/m³	150	--	4.8	240000	--	1200	12000	--	110	2400	--	89	2500	--	65	110000	--	3200

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		SVEW-06-060			SVEW-07-160			SVEW-08-260			SVEW-09-460			SVMW-03-050			SVMW-03-100		
	Field Sample ID:		SVE06-060-612			SVE07-160-212			SVE08-260-212			SVE09-460-212			SV03-050-212			SV03-100-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021		
	Sample Type:		Field Duplicate			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	70	J	34	ND	U	630	ND	U	1600
	1,1-dichloroethane	µg/m³	ND	U	2800	ND	U	3600	ND	U	270	ND	U	65	ND	U	1200	ND	U	3000
	1,2,4-trichlorobenzene	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	1,2,4-trimethylbenzene	µg/m³	13000	--	1400	8700	--	1900	ND	U	140	31	J	34	440	J	630	870	J	1600
	1,2-dibromoethane	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	1,2-dichloroethane	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	1,3,5-trimethylbenzene	µg/m³	4800	--	1400	3800	J	1900	ND	U	140	ND	U	34	ND	U	630	2100	J	1600
	1,3-butadiene	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	1,4-dioxane	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	2-butanone	µg/m³	30000	--	2700	120000	--	3500	220	J	270	32	J	63	570	J	1200	ND	U	3000
	2-hexanone	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	4-methyl-2-pentanone	µg/m³	1100	J	1400	4100	J	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Acetone	µg/m³	140000	--	23000	330000	--	29000	ND	U	2200	ND	U	530	ND	U	10000	ND	U	25000
	Benzene	µg/m³	140000	--	1400	190000	--	1900	13000	--	140	2000	--	34	6900	--	630	27000	--	1600
	Bromodichloromethane	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Bromoform	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Carbon disulfide	µg/m³	ND	U	4600	ND	U	5900	ND	U	450	ND	U	110	ND	U	2000	ND	U	5000
	Carbon tetrachloride	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Chloroethane	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Chloroform	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Chloromethane	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Cyclohexane	µg/m³	760000	--	2900	430000	--	3700	6100	--	280	1100	--	67	220000	--	1300	860000	--	3100
	Dibromochloromethane	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Dichlorodifluoromethane	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Ethanol	µg/m³	24000	J	7000	24000	J	9000	1000	J	690	210	J	160	6600	J	3100	ND	U	7700
	Ethyl acetate	µg/m³	ND	U	5500	ND	U	7100	ND	U	540	ND	U	130	ND	U	2400	ND	U	6000
	Ethylbenzene	µg/m³	63000	--	1400	47000	--	1900	74	J	140	22	J	34	490	J	630	3400	J	1600
	Hexane	µg/m³	800000	--	2700	890000	--	3500	3900	--	270	530	--	63	51000	--	1200	270000	--	3000
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	5300	J	5300	5100	J	6900	ND	U	520	ND	U	120	880	J	2400	ND	U	5800
	m,p-Xylene	µg/m³	62000	--	2900	89000	--	3700	ND	U	280	44	J	67	1700	J	1300	22000	--	3100
	Methylene Chloride	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Naphthalene	µg/m³	ND	U	2600	ND	U	3400	ND	U	260	ND	U	61	ND	U	1200	ND	U	2900
	n-Heptane	µg/m³	690000	--	2700	640000	--	3500	1700	--	270	310	--	63	38000	--	1200	180000	--	3000
	o-Xylene	µg/m³	22000	--	1400	28000	--	1900	ND	U	140	17	J	34	570	J	630	2800	J	1600
	Propylene (propene)	µg/m³	4200	J	2700	ND	U	3500	ND	U	270	ND	U	63	590	J	1200	ND	U	3000
	Styrene	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Tetrachloroethene	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Tetrahydrofuran	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Toluene	µg/m³	310000	--	1400	390000	--	1900	ND	U	140	ND	U	34	ND	U	630	4800	--	1600
	Trichloroethene	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Trichlorofluoromethane	µg/m³	ND	U	2700	ND	U	3500	ND	U	270	ND	U	63	ND	U	1200	ND	U	3000
	Vinyl chloride	µg/m³	ND	U	1400	ND	U	1900	ND	U	140	ND	U	34	ND	U	630	ND	U	1600
	Xylenes, Total	µg/m³	85000	--	2900	120000	--	3700	ND	U	280	61	J	67	2300	J	1300	25000	--	3100

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		SVMW-03-250			SVMW-03-300			SVMW-04-050			SVMW-04-050			SVMW-04-100			SVMW-04-250		
	Field Sample ID:		SV03-250-212			SV03-300-212			SV04-050-212			SV04-050-612			SV04-100-212			SV04-250-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021		
	Sample Type:		REG			REG			REG			Field Duplicate			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	1,1-dichloroethane	µg/m³	ND	U	7600	ND	U	7300	ND	U	7100	ND	U	6900	ND	U	16000	ND	U	10000
	1,2,4-trichlorobenzene	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	1,2,4-trimethylbenzene	µg/m³	26000	--	3900	78000	--	3800	ND	U	3700	ND	U	3600	21000	J	8000	ND	U	5200
	1,2-dibromoethane	µg/m³	8200	J	3900	6500	J	3800	ND	U	3700	ND	U	3600	10000	J	8000	ND	U	5200
	1,2-dichloroethane	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	1,3,5-trimethylbenzene	µg/m³	19000	--	3900	33000	--	3800	ND	U	3700	ND	U	3600	13000	J	8000	ND	U	5200
	1,3-butadiene	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	1,4-dioxane	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	2-butanone	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	2-hexanone	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	4-methyl-2-pentanone	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Acetone	µg/m³	ND	U	62000	ND	U	60000	ND	U	58000	ND	U	57000	ND	U	130000	ND	U	82000
	Benzene	µg/m³	460000	--	3900	380000	--	3800	39000	--	3700	50000	--	3600	1000000	--	8000	640000	--	5200
	Bromodichloromethane	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Bromoform	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Carbon disulfide	µg/m³	ND	U	12000	ND	U	12000	ND	U	12000	ND	U	11000	ND	U	25000	ND	U	16000
	Carbon tetrachloride	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Chloroethane	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Chloroform	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Chloromethane	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Cyclohexane	µg/m³	1700000	--	7900	1600000	--	7500	ND	U	7300	ND	U	7100	2800000	--	16000	2300000	--	10000
	Dibromochloromethane	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Dichlorodifluoromethane	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Ethanol	µg/m³	ND	U	19000	ND	U	18000	ND	U	18000	ND	U	17000	ND	U	39000	ND	U	25000
	Ethyl acetate	µg/m³	ND	U	15000	ND	U	14000	ND	U	14000	ND	U	14000	ND	U	31000	ND	U	20000
	Ethylbenzene	µg/m³	160000	--	3900	240000	--	3800	ND	U	3700	ND	U	3600	180000	--	8000	11000	J	5200
	Hexane	µg/m³	1500000	--	7400	1100000	--	7100	ND	U	6900	ND	U	6700	2900000	--	15000	2800000	--	9700
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	15000	ND	U	14000	ND	U	14000	ND	U	13000	ND	U	30000	ND	U	19000
	m,p-Xylene	µg/m³	450000	--	7900	650000	--	7500	ND	U	7300	ND	U	7100	530000	--	16000	78000	--	10000
	Methylene Chloride	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Naphthalene	µg/m³	ND	U	7200	ND	U	6900	ND	U	6700	ND	U	6500	ND	U	15000	ND	U	9400
	n-Heptane	µg/m³	1800000	--	7400	1400000	--	7100	ND	U	6900	ND	U	6700	2800000	--	15000	2900000	--	9700
	o-Xylene	µg/m³	140000	--	3900	200000	--	3800	ND	U	3700	ND	U	3600	140000	--	8000	32000	--	5200
	Propylene (propene)	µg/m³	ND	U	7400	3100	J	7100	ND	U	6900	ND	U	6700	ND	U	15000	4700	J	9700
	Styrene	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Tetrachloroethene	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Tetrahydrofuran	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Toluene	µg/m³	1500000	--	3900	1600000	--	3800	2500	J	3700	3900	J	3600	2800000	--	8000	160000	--	5200
	Trichloroethene	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Trichlorofluoromethane	µg/m³	ND	U	7400	ND	U	7100	ND	U	6900	ND	U	6700	ND	U	15000	ND	U	9700
	Vinyl chloride	µg/m³	ND	U	3900	ND	U	3800	ND	U	3700	ND	U	3600	ND	U	8000	ND	U	5200
	Xylenes, Total	µg/m³	590000	--	7900	850000	--	7500	ND	U	7300	ND	U	7100	670000	--	16000	110000	--	10000

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		SVMW-04-300			SVMW-08-050			SVMW-08-100			SVMW-08-250			SVMW-09-050			SVMW-09-100		
	Field Sample ID:		SV04-300-212			SV08-050-212			SV08-100-212			SV08-250-212			SV09-050-212			SV09-100-212		
	Sample Date:		4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021			4/5/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	440	ND	U	1200	7.5	--	0.96	ND	U	1600	ND	U	320	ND	U	4200
	1,1-dichloroethane	µg/m³	ND	U	860	ND	U	2400	ND	U	1.9	ND	U	3000	ND	U	620	ND	U	8200
	1,2,4-trichlorobenzene	µg/m³	ND	U	840	ND	U	2300	ND	U	1.8	ND	U	3000	ND	U	600	ND	U	7900
	1,2,4-trimethylbenzene	µg/m³	1100	J	440	1400	J	1200	28	--	0.96	29000	--	1600	ND	U	320	14000	--	4200
	1,2-dibromoethane	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	7500	--	1600	ND	U	320	8500	J	4200
	1,2-dichloroethane	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	1,3,5-trimethylbenzene	µg/m³	1000	J	440	1700	J	1200	7.6	--	0.96	14000	--	1600	ND	U	320	9600	J	4200
	1,3-butadiene	µg/m³	ND	U	840	ND	U	2300	ND	U	1.8	ND	U	3000	ND	U	600	ND	U	7900
	1,4-dioxane	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	2-butanone	µg/m³	ND	U	840	ND	U	2300	9.4	--	1.8	ND	U	3000	ND	U	600	ND	U	7900
	2-hexanone	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	4-methyl-2-pentanone	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Acetone	µg/m³	ND	U	7100	ND	U	20000	ND	U	15	ND	U	25000	ND	U	5000	ND	U	67000
	Benzene	µg/m³	85000	--	440	170000	--	1200	14	--	0.96	570000	--	1600	ND	U	320	800000	--	4200
	Bromodichloromethane	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Bromoform	µg/m³	ND	U	840	ND	U	2300	ND	U	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Carbon disulfide	µg/m³	ND	U	1400	ND	U	3900	6.1	--	3.1	ND	U	5000	ND	U	1000	ND	U	13000
	Carbon tetrachloride	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Chloroethane	µg/m³	ND	U	840	ND	U	2300	ND	U	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Chloroform	µg/m³	ND	U	440	ND	U	1200	1.1	J	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Chloromethane	µg/m³	ND	U	840	ND	U	2300	0.74	J	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Cyclohexane	µg/m³	260000	--	890	610000	--	2500	13	--	1.9	1500000	--	3100	ND	U	640	2500000	--	8400
	Dibromochloromethane	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Dichlorodifluoromethane	µg/m³	ND	U	840	ND	U	2300	3.5	--	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Ethanol	µg/m³	ND	U	2200	5100	J	6100	78	--	4.7	7000	J	7700	ND	U	1600	ND	U	21000
	Ethyl acetate	µg/m³	ND	U	1700	ND	U	4700	36	J	3.7	ND	U	6000	ND	U	1200	ND	U	16000
	Ethylbenzene	µg/m³	440	J	440	1700	J	1200	7	--	0.96	55000	--	1600	ND	U	320	98000	--	4200
	Hexane	µg/m³	210000	--	840	530000	--	2300	28	--	1.8	860000	--	3000	ND	U	600	2200000	--	16000
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	1600	ND	U	4600	20	--	3.6	ND	U	5800	ND	U	1200	ND	U	16000
	m,p-Xylene	µg/m³	6300	--	890	39000	--	2500	35	--	1.9	240000	--	3100	ND	U	640	290000	--	8400
	Methylene Chloride	µg/m³	ND	U	840	ND	U	2300	2.9	J	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Naphthalene	µg/m³	ND	U	810	ND	U	2300	5.9	--	1.8	ND	U	2900	ND	U	580	ND	U	7700
	n-Heptane	µg/m³	220000	--	840	720000	--	2300	54	--	1.8	560000	--	3000	ND	U	600	2100000	--	7900
	o-Xylene	µg/m³	2200	--	440	13000	--	1200	12	--	0.96	75000	--	1600	ND	U	320	90000	--	4200
	Propylene (propene)	µg/m³	830	J	840	2500	J	2300	2.5	J	1.8	8000	--	3000	ND	U	600	8500	J	7900
	Styrene	µg/m³	ND	U	840	ND	U	2300	30	--	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Tetrachloroethene	µg/m³	ND	U	440	ND	U	1200	4.5	--	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Tetrahydrofuran	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Toluene	µg/m³	7200	--	440	63000	--	1200	47	--	0.96	1100000	--	3900	210	J	320	1300000	--	4200
	Trichloroethene	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Trichlorofluoromethane	µg/m³	ND	U	840	ND	U	2300	2.7	J	1.8	ND	U	3000	ND	U	600	ND	U	7900
	Vinyl chloride	µg/m³	ND	U	440	ND	U	1200	ND	U	0.96	ND	U	1600	ND	U	320	ND	U	4200
	Xylenes, Total	µg/m³	8600	--	890	52000	--	2500	48	--	1.9	310000	--	3100	ND	U	640	380000	--	8400

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		SVMW-09-250			SVMW-09-266			SVMW-10-050			SVMW-10-100			SVMW-10-150			SVMW-10-250		
	Field Sample ID:		SV09-250-212			SV09-266-212			SV10-050-212			SV10-100-212			SV10-150-212			SV10-250-212		
	Sample Date:		4/5/2021			4/5/2021			4/20/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	130	J	160	ND	U	38
	1,1-dichloroethane	µg/m³	ND	U	2700	ND	U	11000	ND	U	11000	ND	U	960	ND	U	320	ND	U	73
	1,2,4-trichlorobenzene	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	1,2,4-trimethylbenzene	µg/m³	7500	--	1400	17000	J	5700	20000	--	5400	760	J	500	2100	--	160	780	--	38
	1,2-dibromoethane	µg/m³	8900	--	1400	9200	J	5700	40000	--	5400	2100	--	500	620	--	160	100	J	38
	1,2-dichloroethane	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	1,3,5-trimethylbenzene	µg/m³	6000	--	1400	9900	J	5700	11000	J	5400	450	J	500	950	--	160	450	--	38
	1,3-butadiene	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	1,4-dioxane	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	2-butanone	µg/m³	ND	U	2600	ND	U	11000	320000	--	10000	4200	--	930	10000	--	310	4200	--	71
	2-hexanone	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	4-methyl-2-pentanone	µg/m³	ND	U	1400	ND	U	5700	28000	J	5400	ND	U	500	550	J	160	210	J	38
	Acetone	µg/m³	ND	U	22000	ND	U	91000	1700000	--	86000	44000	--	7900	97000	--	2600	15000	--	600
	Benzene	µg/m³	300000	--	1400	940000	--	5700	1200000	--	5400	140000	--	500	43000	--	160	4900	--	38
	Bromodichloromethane	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	Bromoform	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	Carbon disulfide	µg/m³	ND	U	4400	ND	U	18000	ND	U	17000	ND	U	1600	ND	U	520	ND	U	120
	Carbon tetrachloride	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	Chloroethane	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	Chloroform	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	Chloromethane	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	Cyclohexane	µg/m³	960000	--	2800	2300000	--	11000	4400000	--	11000	440000	--	990	120000	--	330	9900	--	75
	Dibromochloromethane	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	Dichlorodifluoromethane	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	Ethanol	µg/m³	ND	U	6800	ND	U	28000	38000	J	27000	ND	U	2400	4700	J	800	380	J	180
	Ethyl acetate	µg/m³	ND	U	5300	ND	U	22000	ND	U	21000	ND	U	1900	ND	U	620	ND	U	140
	Ethylbenzene	µg/m³	70000	--	1400	150000	--	5700	280000	--	5400	12000	--	500	7500	--	160	600	--	38
	Hexane	µg/m³	1000000	--	6500	2700000	--	11000	3300000	J	10000	340000	J	2800	130000	--	1200	14000	--	71
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	ND	U	5100	ND	U	21000	150000	--	20000	840	J	1800	2900	--	600	400	--	140
	m,p-Xylene	µg/m³	350000	--	2800	350000	--	11000	660000	--	11000	34000	--	990	20000	--	330	3000	--	75
	Methylene Chloride	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	280	J	310	ND	U	71
	Naphthalene	µg/m³	ND	U	2500	ND	U	10000	ND	U	9900	ND	U	900	ND	U	300	ND	U	69
	n-Heptane	µg/m³	1500000	--	6500	2100000	--	11000	5500000	--	20000	380000	--	2800	130000	--	1200	10000	--	71
	o-Xylene	µg/m³	88000	--	1400	92000	--	5700	170000	--	5400	8100	--	500	5600	--	160	980	--	38
	Propylene (propene)	µg/m³	9300	--	2600	12000	J	11000	11000	J	10000	9000	J	930	5000	J	310	3900	J	71
	Styrene	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	Tetrachloroethene	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	85	J	160	ND	U	38
	Tetrahydrofuran	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	19	J	38
	Toluene	µg/m³	1200000	--	3500	2200000	--	5700	4000000	--	11000	280000	--	500	85000	--	160	8900	--	38
	Trichloroethene	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	Trichlorofluoromethane	µg/m³	ND	U	2600	ND	U	11000	ND	U	10000	ND	U	930	ND	U	310	ND	U	71
	Vinyl chloride	µg/m³	ND	U	1400	ND	U	5700	ND	U	5400	ND	U	500	ND	U	160	ND	U	38
	Xylenes, Total	µg/m³	440000	--	2800	450000	--	11000	830000	--	11000	42000	--	990	26000	--	330	4000	--	75

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

	Well Location ID[a]:		SVMW-11-050			SVMW-11-100			SVMW-11-250			SVMW-11-260		
	Field Sample ID:		SV11-050-212			SV11-100-212			SV11-250-212			SV11-260-212		
	Sample Date:		4/20/2021			4/20/2021			4/20/2021			4/20/2021		
	Sample Type:		REG			REG			REG			REG		
Analytical Method	**Analyte**	**Units**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	1,1-dichloroethane	µg/m³	ND	U	1400	ND	U	960	ND	U	300	ND	U	650
	1,2,4-trichlorobenzene	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	1,2,4-trimethylbenzene	µg/m³	46000	--	710	4600	--	500	3900	--	160	220	J	330
	1,2-dibromoethane	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	1,2-dichloroethane	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	1,3,5-trimethylbenzene	µg/m³	23000	--	710	3000	--	500	1900	--	160	180	J	330
	1,3-butadiene	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	1,4-dioxane	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	2-butanone	µg/m³	22000	--	1300	4400	--	930	2700	--	290	ND	U	630
	2-hexanone	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	4-methyl-2-pentanone	µg/m³	1300	J	710	ND	U	500	ND	U	160	ND	U	330
	Acetone	µg/m³	170000	--	11000	35000	--	7900	27000	--	2500	ND	U	5300
	Benzene	µg/m³	66000	--	710	51000	--	500	28000	--	160	280	J	330
	Bromodichloromethane	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Bromoform	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Carbon disulfide	µg/m³	ND	U	2300	ND	U	1600	ND	U	490	ND	U	1100
	Carbon tetrachloride	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Chloroethane	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Chloroform	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Chloromethane	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Cyclohexane	µg/m³	240000	--	1400	320000	--	990	100000	--	310	3400	--	670
	Dibromochloromethane	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Dichlorodifluoromethane	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Ethanol	µg/m³	4900	J	3500	ND	U	2400	ND	U	760	ND	U	1600
	Ethyl acetate	µg/m³	ND	U	2700	ND	U	1900	ND	U	590	ND	U	1300
	Ethylbenzene	µg/m³	87000	--	710	16000	--	500	11000	--	160	ND	U	330
	Hexane	µg/m³	200000	--	1300	160000	--	930	84000	--	290	1200	--	630
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	26000	--	2600	2700	J	1800	880	J	580	560	J	1200
	m,p-Xylene	µg/m³	340000	--	1400	56000	--	990	26000	--	310	430	J	670
	Methylene Chloride	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Naphthalene	µg/m³	930	J	1300	ND	U	900	130	J	280	ND	U	610
	n-Heptane	µg/m³	340000	--	1300	230000	--	930	110000	--	1200	1300	--	630
	o-Xylene	µg/m³	110000	--	710	17000	--	500	8400	--	160	390	J	330
	Propylene (propene)	µg/m³	4400	--	1300	4500	--	930	2700	--	290	ND	U	630
	Styrene	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Tetrachloroethene	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Tetrahydrofuran	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Toluene	µg/m³	400000	--	710	180000	--	500	91000	--	620	860	J	330
	Trichloroethene	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Trichlorofluoromethane	µg/m³	ND	U	1300	ND	U	930	ND	U	290	ND	U	630
	Vinyl chloride	µg/m³	ND	U	710	ND	U	500	ND	U	160	ND	U	330
	Xylenes, Total	µg/m³	450000	--	1400	73000	--	990	35000	--	310	820	J	670

Table 4-4
Analytical Data from On-Base (Inside the Source Area) Soil Vapor Monitoring Points, Q2 2021

[a] Samples were collected from the screened intervals presented on Table 3-1.

µg/m^3 = microgram per cubic meter
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
ND = not detected
Q2 = second quarter
REG = normal field sample
Val Qual = validation qualifier
VOC = volatile organic compound
Shading = detected concentrations
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 5-1
Groundwater Elevations and LNAPL Thicknesses, Q2 2021

Well Location ID	Reference Elevation Interval (ft AMSL)	Measurement Date and Time	MRP Elevation (ft AMSL)	Well Depth[a] (ft MRP)	Screened Interval (ft AMSL)	Depth to LNAPL[b] (ft MRP)	Depth to Water[b] (ft MRP)	Screen Submergence Depth[c] (ft)	Measured LNAPL Thickness (ft)	LNAPL Elevation (ft AMSL)	Groundwater Elevation Corrected for LNAPL Thickness[d] (ft AMSL)
KAFB-106001[e]	4857/4838	5/10/2021 15:16	5344.90	512.90	4859-4834	—	467.75	18.53	—	—	4877.15
KAFB-106002[f]	4857	5/11/2021 12:35	5342.24	506.39	4861-4836	—	464.90	16.49	—	—	4877.34
KAFB-106003	4857	5/11/2021 12:19	5340.28	506.58	4861-4836	—	462.64	16.36	—	—	4877.64
KAFB-106004	4857	5/12/2021 11:57	5345.81	512.89	4859-4834	—	468.78	17.96	—	—	4877.03
KAFB-106005	4857	5/10/2021 12:06	5346.91	509.55	4865-4840	469.85	469.86	12.02	0.01	4877.06	4877.06
KAFB-106006	4857	5/10/2021 13:39	5351.48	514.78	4865-4840	—	474.62	12.06	—	—	4876.86
KAFB-106007	4857	5/11/2021 15:51	5349.60	516.25	4861-4836	—	472.68	15.98	—	—	4876.92
KAFB-106008	4857	5/10/2021 12:33	5351.77	513.25	4863-4838	—	474.87	14.05	—	—	4876.90
KAFB-106009	4857	5/10/2021 11:57	5348.55	510.14	4865-4840	—	471.71	11.98	—	—	4876.84
KAFB-106010	4857	5/10/2021 17:05	5343.26	510.24	4860-4835	—	466.58	16.42	—	—	4876.68
KAFB-106011[f]	4857	5/11/2021 13:16	5353.15	519.05	4864-4839	—	476.66	12.39	—	—	4876.49
KAFB-106012R	4857	5/11/2021 12:46	5345.00	502.87	4877-4847	—	468.16	0.33	—	—	4876.84
KAFB-106013	4857	5/12/2021 10:15	5350.62	519.39	4861-4836	—	474.18	15.47	—	—	4876.44
KAFB-106014	4857	5/10/2021 11:09	5350.22	519.53	4861-4836	—	473.48	15.71	—	—	4876.74
KAFB-106015[e]	4857/4838	5/11/2021 10:20	5342.44	518.56	4855-4830	—	467.12	20.40	—	—	4875.32
KAFB-106016[f]	4857	5/11/2021 14:40	5342.43	508.29	4864-4839	—	465.09	13.20	—	—	4877.34
KAFB-106017[e,f]	4857/4838	5/12/2021 14:14	5342.52	515.61	4857-4832	—	466.91	18.70	—	—	4875.61
KAFB-106018[e,f]	4857/4838	5/12/2021 11:12	5336.31	510.94	4857-4832	—	460.39	18.57	—	—	4875.92
KAFB-106019[e]	4857/4838	5/12/2021 13:53	5354.62	525.90	4859-4834	—	478.85	17.06	—	—	4875.77
KAFB-106020	4857	5/12/2021 09:21	5341.05	510.63	4859-4834	—	464.72	17.28	—	—	4876.33
KAFB-106021	4838	5/11/2021 12:05	5314.33	487.05	4856-4831	—	438.21	--	—	—	4876.12
KAFB-106022[e]	4857/4838	5/12/2021 10:46	5318.06	491.92	4856-4831	—	442.83	19.16	—	—	4875.23
KAFB-106023	4857	5/12/2021 11:10	5328.76	502.87	4856-4831	—	453.19	19.85	—	—	4875.57
KAFB-106024[f]	4857	5/11/2021 16:28	5343.55	511.00	4863-4838	—	466.55	14.45	—	—	4877.00
KAFB-106025[e]	4857/4838	5/12/2021 14:28	5317.28	494.75	4852-4827	—	441.52	23.48	—	—	4875.76
KAFB-106026	4857	5/12/2021 14:51	5322.68	491.28	4857-4837	—	446.91	19.10	—	—	4875.77
KAFB-106027[f]	4857	5/11/2021 14:22	5348.62	509.16	4864-4844	—	471.36	12.80	—	—	4877.26
KAFB-106028	4857	5/10/2021 15:57	5348.89	516.75	4863-4838	—	472.16	13.84	—	—	4876.73
KAFB-106029	4857	5/11/2021 13:08	5310.94	476.83	4860-4840	—	434.78	16.02	—	—	4876.16
KAFB-106030	4838	5/11/2021 13:19	5311.03	490.97	4842-4827	—	434.86	--	—	—	4876.17
KAFB-106031	4814	5/11/2021 14:19	5311.06	515.87	4815-4802	—	434.95	--	—	—	4876.11
KAFB-106032	4857	5/12/2021 14:56	5317.60	480.40	4862-4842	—	440.97	15.03	—	—	4876.63
KAFB-106033	4838	5/12/2021 14:51	5317.76	497.16	4841-4826	—	441.11	--	—	—	4876.65
KAFB-106034	4814	5/12/2021 14:46	5318.63	523.32	4817-4802	—	441.97	--	—	—	4876.66
KAFB-106035	4857	5/12/2021 10:29	5321.58	486.92	4869-4839	—	446.67	5.46	—	—	4874.91
KAFB-106036	4838	5/12/2021 10:24	5321.85	501.36	4840-4825	—	447.10	--	—	—	4874.75
KAFB-106037	4838	5/12/2021 10:16	5322.10	527.09	4815-4800	—	447.75	--	—	—	4874.35
KAFB-106038	4857	5/12/2021 13:35	5351.61	515.19	4870-4840	—	475.86	5.40	—	—	4875.75
KAFB-106039	4838	5/12/2021 13:27	5351.32	530.25	4840-4825	—	475.66	--	—	—	4875.66
KAFB-106040	4814	5/12/2021 13:39	5350.26	552.41	4817-4802	—	474.57	--	—	—	4875.69
KAFB-106041	4857	5/11/2021 16:06	5324.35	473.48	4875-4855	—	448.38	0.62	—	—	4875.97
KAFB-106042	4857	5/11/2021 15:51	5324.07	488.39	4855-4841	—	448.14	20.86	—	—	4875.93
KAFB-106043	4814	5/11/2021 16:22	5324.30	561.90	4781-4767	—	448.36	--	—	—	4875.94
KAFB-106044[f]	4838	5/11/2021 14:14	5348.79	524.09	4841-4826	—	471.49	--	—	—	4877.30
KAFB-106045	4814	5/11/2021 14:26	5348.52	551.04	4817-4802	—	471.22	--	—	—	4877.30
KAFB-106046[f]	4857	5/11/2021 17:03	5352.84	515.04	4863-4843	—	476.21	13.79	—	—	4876.63
KAFB-106047[f]	4838	5/11/2021 16:57	5352.81	532.01	4841-4826	—	476.28	--	—	—	4876.53
KAFB-106048	4814	5/11/2021 16:51	5352.58	556.26	4817-4802	—	476.02	--	—	—	4876.56

Table 5-1
Groundwater Elevations and LNAPL Thicknesses, Q2 2021

Well Location ID	Reference Elevation Interval (ft AMSL)	Measurement Date and Time	MRP Elevation (ft AMSL)	Well Depth[a] (ft MRP)	Screened Interval (ft AMSL)	Depth to LNAPL[b] (ft MRP)	Depth to Water[b] (ft MRP)	Screen Submergence Depth[c] (ft)	Measured LNAPL Thickness (ft)	LNAPL Elevation (ft AMSL)	Groundwater Elevation Corrected for LNAPL Thickness[d] (ft AMSL)
KAFB-106049	4857	5/12/2021 14:03	5316.10	479.96	4859-4839	—	439.94	16.86	—	—	4876.16
KAFB-106050	4838	5/12/2021 14:14	5315.51	494.15	4841-4826	—	439.35	--	—	—	4876.16
KAFB-106051	4814	5/12/2021 14:07	5315.78	520.50	4815-4800	—	439.66	--	—	—	4876.12
KAFB-106052	4857	5/12/2021 12:56	5318.86	483.98	4869-4839	—	443.08	6.52	—	—	4875.78
KAFB-106053	4838	5/12/2021 13:01	5318.67	497.95	4840-4825	—	443.01	--	—	—	4875.66
KAFB-106054	4814	5/12/2021 13:11	5318.38	523.25	4814-4799	—	442.62	--	—	—	4875.76
KAFB-106055	4857	5/11/2021 15:23	5325.09	490.29	4859-4839	—	449.37	16.43	—	—	4875.72
KAFB-106057	4838	5/11/2021 15:18	5325.46	505.35	4841-4826	—	449.73	--	—	—	4875.73
KAFB-106058	4814	5/11/2021 15:07	5326.05	530.73	4814-4799	—	450.27	--	—	—	4875.78
KAFB-106059	4857	5/10/2021 13:06	5347.87	511.03	4861-4841	470.85	470.86	15.61	0.01	4877.02	4877.02
KAFB-106060[f]	4838	5/11/2021 15:14	5345.32	523.12	4842-4827	—	468.54	--	—	—	4876.78
KAFB-106061	4814	5/11/2021 15:21	5345.43	593.00	4772-4757	—	468.53	--	—	—	4876.90
KAFB-106062[f]	4814	5/11/2021 17:10	5351.20	598.10	4773-4758	—	474.21	--	—	—	4876.99
KAFB-106063[f,g]	4838	4/1/2021 07:50	5351.86	528.36	4844-4829	—	475.25	--	—	—	4876.61
KAFB-106064[f,h]	4857	4/1/2021 08:00	5351.08	513.18	4863-4843	NM	NM	NM	NM	NM	NM
KAFB-106065[f]	4838	5/10/2021 16:22	5348.76	528.06	4841-4826	—	472.18	--	—	—	4876.58
KAFB-106066[f]	4814	5/12/2021 11:39	5349.09	595.79	4773-4758	—	472.82	--	—	—	4876.27
KAFB-106067[f]	4857	5/10/2021 16:35	5347.50	509.90	4862-4842	—	471.26	13.74	—	—	4876.24
KAFB-106068[f]	4814	5/12/2021 11:24	5347.23	600.03	4767-4752	—	471.49	--	—	—	4875.74
KAFB-106069	4838	5/10/2021 16:47	5347.25	525.45	4841-4826	—	470.88	--	—	—	4876.37
KAFB-106070	4857	5/11/2021 10:55	5318.54	483.75	4859-4839	—	442.91	17.09	—	—	4875.63
KAFB-106071	4814	5/11/2021 11:12	5320.90	567.30	4773-4758	—	445.13	--	—	—	4875.77
KAFB-106072	4838	5/11/2021 11:02	5319.29	494.45	4844-4824	—	443.42	--	—	—	4875.87
KAFB-106073	4838	5/12/2021 09:51	5339.87	519.16	4840-4825	—	463.58	--	—	—	4876.29
KAFB-106074	4814	5/12/2021 09:32	5340.59	588.95	4771-4756	—	464.30	--	—	—	4876.29
KAFB-106075[f]	4857	5/12/2021 09:39	5340.50	505.00	4860-4840	—	464.28	15.72	—	—	4876.22
KAFB-106076	4857	5/10/2021 14:10	5344.92	499.75	4865-4845	468.09	468.10	11.91	0.01	4876.83	4876.83
KAFB-106077	4838	5/11/2021 16:08	5344.72	522.35	4841-4826	—	469.26	--	—	—	4875.46
KAFB-106078[f]	4814	5/11/2021 16:17	5344.60	593.50	4771-4756	—	468.41	--	—	—	4876.19
KAFB-106079	4857	5/10/2021 11:36	5349.67	511.40	4863-4843	—	473.05	13.78	—	—	4876.62
KAFB-106080[f]	4838	5/10/2021 11:45	5348.48	526.28	4843-4828	—	471.71	--	—	—	4876.77
KAFB-106081	4814	5/11/2021 13:05	5349.48	596.23	4772-4757	—	472.92	--	—	—	4876.56
KAFB-106082	4857	5/12/2021 10:54	5335.26	495.89	4863-4843	—	459.56	12.44	—	—	4875.70
KAFB-106083	4838	5/12/2021 10:41	5335.04	514.69	4840-4825	—	459.23	--	—	—	4875.81
KAFB-106084	4814	5/12/2021 11:01	5337.94	587.92	4768-4753	—	462.04	--	—	—	4875.90
KAFB-106085	4857	5/11/2021 10:32	5317.23	480.90	4871-4841	—	441.23	5.27	—	—	4876.00
KAFB-106086	4838	5/11/2021 10:20	5317.65	494.92	4842-4827	—	441.62	--	—	—	4876.03
KAFB-106087	4814	5/11/2021 10:07	5316.87	565.43	4771-4756	—	440.83	--	—	—	4876.04
KAFB-106088	4857	5/12/2021 11:35	5324.27	484.41	4864-4844	—	448.84	11.16	—	—	4875.43
KAFB-106089	4838	5/12/2021 11:30	5323.54	501.82	4842-4827	—	448.48	--	—	—	4875.06
KAFB-106090	4814	5/12/2021 11:24	5322.85	524.65	4768-4753	—	447.35	--	—	—	4875.50
KAFB-106091	4857	5/12/2021 12:33	5314.33	479.51	4860-4840	—	439.56	14.44	—	—	4874.77
KAFB-106092	4838	5/12/2021 12:11	5314.51	493.48	4841-4826	—	439.94	--	—	—	4874.57
KAFB-106093	4814	5/12/2021 12:23	5314.62	563.00	4771-4756	—	439.35	--	—	—	4875.27
KAFB-106094[f]	4857	5/10/2021 17:26	5345.07	509.17	4861-4841	—	468.38	15.82	—	—	4876.69
KAFB-106095	4838	5/12/2021 13:03	5344.66	522.47	4841-4826	—	468.31	--	—	—	4876.35
KAFB-106096[f]	4814	5/12/2021 13:14	5345.31	595.08	4769-4754	—	468.94	--	—	—	4876.37
KAFB-106097	4838	5/12/2021 10:08	5347.74	525.98	4842-4827	—	471.13	--	—	—	4876.61

Table 5-1
Groundwater Elevations and LNAPL Thicknesses, Q2 2021

Well Location ID	Reference Elevation Interval (ft AMSL)	Measurement Date and Time	MRP Elevation (ft AMSL)	Well Depth[a] (ft MRP)	Screened Interval (ft AMSL)	Depth to LNAPL[b] (ft MRP)	Depth to Water[b] (ft MRP)	Screen Submergence Depth[c] (ft)	Measured LNAPL Thickness (ft)	LNAPL Elevation (ft AMSL)	Groundwater Elevation Corrected for LNAPL Thickness[d] (ft AMSL)
KAFB-106098	4814	5/12/2021 10:03	5347.83	550.78	4817-4802	—	471.23	--	—	—	4876.60
KAFB-106099	4838	5/12/2021 12:14	5342.85	521.10	4842-4827	—	465.74	--	—	—	4877.11
KAFB-106100	4814	5/12/2021 12:03	5342.85	546.55	4817-4802	—	465.76	--	—	—	4877.09
KAFB-106101	4838	5/11/2021 12:14	5340.32	514.83	4842-4826	—	462.86	--	—	—	4877.46
KAFB-106102	4814	5/11/2021 12:25	5340.32	539.80	4816-4803	—	462.95	--	—	—	4877.37
KAFB-106103	4838	5/12/2021 11:06	5328.44	505.25	4843-4828	—	453.44	--	—	—	4875.00
KAFB-106104	4814	5/12/2021 11:02	5328.08	528.30	4818-4803	—	452.88	--	—	—	4875.20
KAFB-106105	4838	5/11/2021 16:57	5321.96	503.90	4838-4823	—	446.13	--	—	—	4875.83
KAFB-106106	4857	5/11/2021 16:44	5321.80	483.04	4868-4838	—	446.01	7.59	—	—	4875.79
KAFB-106107	4814	5/11/2021 17:08	5322.12	529.15	4812-4797	—	446.22	--	—	—	4875.90
KAFB-106148-484[i]	4857	5/10/2021 15:02	5344.24	479.68	4990-4860	—	467.14	-113.14	—	—	4877.10
KAFB-106149-484[i]	4857	5/10/2021 14:39	5345.94	479.90	4992-4862	—	469.14	-115.30	—	—	4876.80
KAFB-106150-484[i]	4857	5/10/2021 14:25	5344.10	480.08	4989-4860	467.33	467.72	-112.42	0.39	4876.77	4876.68
KAFB-106151-484[i]	4857	5/10/2021 10:35	5345.49	480.10	4990-4861	—	469.07	-114.07	—	—	4876.42
KAFB-106152-484[i]	4857	5/10/2021 12:49	5347.68	482.60	4992-4863	—	470.87	-115.87	—	—	4876.81
KAFB-106153-484[i]	4857	5/10/2021 13:24	5348.99	480.49	4994-4865	—	472.27	-116.98	—	—	4876.72
KAFB-106154-484[i]	4857	5/10/2021 15:27	5347.34	481.15	4992-4863	470.37	470.40	-115.38	0.03	4876.97	4876.96
KAFB-106155-484[i]	4857	5/10/2021 13:55	5347.13	481.16	4992-4863	—	470.76	-115.79	—	—	4876.37
KAFB-106156-484[i]	4857	5/10/2021 10:09	5341.19	481.82	4996-4857	—	464.08	-119.08	—	—	4877.11
KAFB-106201	4857	5/11/2021 09:44	5357.00	524.11	4867-4837	—	481.90	7.75	—	—	4875.10
KAFB-106202	4838	5/11/2021 11:34	5357.80	538.94	4838-4823	—	482.72	--	—	—	4875.08
KAFB-106203	4814	5/11/2021 10:03	5357.52	642.02	4734-4719	—	482.94	--	—	—	4874.58
KAFB-106204	4857	5/11/2021 12:33	5332.86	497.48	4870-4840	—	456.98	5.52	—	—	4875.88
KAFB-106205	4838	5/11/2021 12:46	5333.29	512.46	4841-4826	—	457.41	--	—	—	4875.88
KAFB-106206	4814	5/11/2021 13:00	5333.46	613.58	4740-4725	—	457.59	--	—	—	4875.87
KAFB-106207	4857	5/11/2021 11:57	5344.20	507.40	4871-4841	—	468.56	4.38	—	—	4875.64
KAFB-106208	4838	5/11/2021 12:04	5343.85	522.48	4841-4826	—	468.31	--	—	—	4875.54
KAFB-106209	4814	5/11/2021 12:09	5343.38	623.85	4740-4726	—	467.91	--	—	—	4875.47
KAFB-106211[j]	4857	5/12/2021 14:19	5342.51	466.72	4903-4876	Dry	Dry	Dry	Dry	Dry	Dry
KAFB-106212	4814	5/12/2021 10:36	5321.80	562.97	4779-4764	—	447.36	--	—	—	4874.44
KAFB-106213	4857	5/12/2021 10:06	5325.19	482.79	4877-4847	—	450.10	-2.19	—	—	4875.09
KAFB-106214	4838	5/12/2021 10:02	5325.45	497.80	4847-4833	—	450.26	--	—	—	4875.19
KAFB-106215	4814	5/12/2021 09:58	5325.77	566.87	4779-4764	—	450.50	--	—	—	4875.27
KAFB-106216	4857	5/11/2021 14:32	5333.91	489.80	4878-4848	—	458.38	-2.88	—	—	4875.53
KAFB-106217	4838	5/11/2021 14:26	5333.85	505.47	4849-4834	—	458.31	--	—	—	4875.54
KAFB-106218	4814	5/11/2021 14:08	5333.64	572.31	4782-4767	—	458.46	--	—	—	4875.18
KAFB-106219	4857	5/11/2021 10:32	5340.41	498.78	4878-4848	—	464.82	-2.12	—	—	4875.59
KAFB-106220	4838	5/11/2021 10:47	5340.34	513.50	4847-4832	—	464.75	--	—	—	4875.59
KAFB-106221	4814	5/11/2021 11:01	5340.10	581.25	4779-4764	—	464.53	--	—	—	4875.57
KAFB-106222	4857	5/11/2021 13:20	5333.24	493.33	4875-4845	—	457.65	0.15	—	—	4875.59
KAFB-106223	4838	5/11/2021 13:30	5333.96	506.71	4846-4831	—	458.32	--	—	—	4875.64
KAFB-106224	4814	5/11/2021 13:53	5335.08	575.88	4780-4765	—	459.44	--	—	—	4875.64
KAFB-106225	4857	5/12/2021 15:00	5326.36	482.88	4876-4846	—	451.16	-1.16	—	—	4875.20
KAFB-106226	4838	5/12/2021 14:51	5327.31	500.10	4847-4832	—	451.80	--	—	—	4875.51
KAFB-106227	4814	5/12/2021 14:40	5328.09	568.36	4780-4765	—	452.54	--	—	—	4875.55
KAFB-106229[e,i]	4857/4838	5/12/2021 12:03	5314.31	536.27	4883-4783	—	439.73	-8.73	—	—	4874.58
KAFB-106230	4814	5/12/2021 15:34	5324.51	520.32	4824-4809	—	449.07	--	—	—	4875.44
KAFB-106231	4857	5/11/2021 15:46	5327.56	479.89	4888-4853	—	451.59	-11.59	—	—	4875.97

Table 5-1
Groundwater Elevations and LNAPL Thicknesses, Q2 2021

Well Location ID	Reference Elevation Interval (ft AMSL)	Measurement Date and Time	MRP Elevation (ft AMSL)	Well Depth[a] (ft MRP)	Screened Interval (ft AMSL)	Depth to LNAPL[b] (ft MRP)	Depth to Water[b] (ft MRP)	Screen Submergence Depth[c] (ft)	Measured LNAPL Thickness (ft)	LNAPL Elevation (ft AMSL)	Groundwater Elevation Corrected for LNAPL Thickness[d] (ft AMSL)
KAFB-106232	4814	5/11/2021 15:54	5327.20	523.10	4824-4809	—	451.18	--	—	—	4876.02
KAFB-106235-438	4857	5/12/2021 13:26	5315.67	465.50	4878-4853	—	440.22	-2.26	—	—	4875.45
KAFB-106235-472	4838	5/12/2021 13:31	5315.67	494.14	4844-4824	—	440.21	--	—	—	4875.46
KAFB-106235-501	4814	5/12/2021 13:37	5315.67	522.48	4815-4795	—	440.28	--	—	—	4875.39
KAFB-106236-436	4857	5/11/2021 16:54	5316.02	463.30	4880-4855	—	439.96	-4.02	—	—	4876.06
KAFB-106236-470	4838	5/11/2021 16:44	5316.02	492.17	4846-4826	—	439.97	--	—	—	4876.05
KAFB-106236-499	4814	5/11/2021 16:38	5316.02	519.94	4817-4797	—	440.01	--	—	—	4876.01
KAFB-106240-449	4857	5/12/2021 10:24	5347.57	491.05	4899-4859	—	471.02	-21.98	—	—	4876.55
KAFB-106241-428	4857	5/11/2021 15:36	5324.06	470.10	4896-4856	—	448.95	-20.85	—	—	4875.11
KAFB-106242-418	4857	5/11/2021 11:53	5316.15	459.94	4898-4858	—	440.10	-21.96	—	—	4876.05
KAFB-106243-425	4857	5/12/2021 11:45	5320.57	567.30	4896-4856	—	444.97	-19.43	—	—	4875.60
KAFB-106244-445	4857	5/12/2021 12:21	5343.51	487.12	4898-4858	—	466.47	-21.38	—	—	4877.04
KAFB-106245-460	4857	5/11/2021 13:28	5360.90	505.51	4897-4857	—	484.87	-21.20	—	—	4876.03
KAFB-106247-450	4857	5/11/2021 15:42	5351.60	495.12	4901-4861	—	474.80	-21.46	—	—	4876.80
KAFB-106248-452	4857	5/12/2021 14:01	5356.34	494.50	4904-4864	—	480.61	-25.08	—	—	4875.73
KAFB-106249-450	4857	5/12/2021 16:06	5353.27	492.10	4903-4863	—	477.02	-26.89	—	—	4876.25
KAFB-106250-447	4857	5/12/2021 15:24	5349.55	489.70	4902-4862	—	473.70	-26.05	—	—	4875.85
KAFB-106251-443	4857	5/12/2021 15:59	5348.06	485.60	4904-4854	—	471.36	-24.76	—	—	4876.70
KAFB-106252-425	4857	5/12/2021 15:11	5325.57	467.00	4901-4861	—	452.00	-27.00	—	—	4873.57
KAFB-106252-515[k]	4838	NM	5325.57	525.00	4811-4801	NM	NM	NM	NM	NM	NM
KAFB-106S1-447	4857	5/10/2021 14:13	5345.22	489.53	4898-4858	—	468.13	-21.11	—	—	4877.09
KAFB-106S2-451	4857	5/10/2021 12:26	5352.40	496.45	4898-4858	—	475.55	-21.48	—	—	4876.85
KAFB-106S3-449	4857	5/10/2021 11:23	5351.01	493.62	4899-4859	—	474.77	-22.60	—	—	4876.24
KAFB-106S4-446	4857	5/11/2021 12:55	5346.57	491.09	4898-4858	—	469.74	-20.78	—	—	4876.83
KAFB-106S5-446	4857	5/10/2021 17:15	5343.58	488.18	4898-4858	—	466.88	-20.82	—	—	4876.70
KAFB-106S7-451	4857	5/10/2021 17:35	5348.88	492.02	4898-4858	—	472.24	-21.29	—	—	4876.64
KAFB-106S8-451	4857	5/10/2021 13:34	5351.45	491.42	4900-4860	—	474.51	-20.29	—	—	4876.94
KAFB-106S9-447	4857	5/10/2021 10:50	5345.82	489.19	4899-4859	—	469.20	-22.17	—	—	4876.62
KAFB-106S10-443	4857	5/10/2021 14:51	5348.73	472.14	4905-4865	—	471.57	-25.54	—	—	4877.16
KAFB-3411	4857	5/11/2021 14:55	5343.49	504.68	4863-4838	—	466.36	13.71	—	—	4877.13

Table 5-1
Groundwater Elevations and LNAPL Thicknesses, Q2 2021

[a] Well depths were measured in Q4 2020 in wells without a dedicated pump. For wells with a dedicated pump, the total depth is based on the information provided in the well completion diagram.

[b] See Appendix E-2 for corrections to water level and LNAPL depths based on interface probe calibration.

[c] Screen submergence depth is calculated for wells which intersected the water table when they were installed; those are the wells located in REI 4857 and 4857/4838. It is calculated as the difference between the groundwater elevation corrected for LNAPL thickness and the top of screen elevation. Negative values reflect the length of screen remaining above the water table.

[d] Groundwater elevation corrected for LNAPL thickness was calculated by the following formula: MRP Elevation - Depth to LNAPL/water interface + (LNAPL Thickness * Specific Gravity of Weathered JP4/JP8 Fuel) where the specific gravity of JP4/JP8 fuel is 0.7592. The specific gravity is based on the December 13, 2018 site-specific fuel testing report from PTS Laboratories using LNAPL collected from wells KAFB-106014, KAFB-106059, and KAFB-106079.

[e] Well used in analyses for both REI 4857 and 4838.

[f] This well contains a dedicated pump; therefore, a sounder was not deployed to avoid entanglement and the total depth is based on the information provided in the well completion diagram.

[g] This well was not gauged during the synoptic gauging period. The data presented here was collected prior to sampling and is provided for informational purposes only.

[h] This well was not gauged during the synoptic gauging period. Gauging was attempted prior to sampling, but dedicated equipment in the well prevented the interface probe from reaching groundwater level.

[i] Well not permanently designated in REI listed.

[j] Well was gauged and found to be dry in Q2 2021.

[k] Gauging at this newly installed piezometer will begin in Q3 2021.

-- = well was designed with the screened interval fully submerged to capture conditions at depths below the water table

— = LNAPL not detected

AMSL = above mean sea level

ft = foot/feet

ID = identification

JP = jet propellant

LNAPL = light non-aqueous phase liquid

MRP = measurement reference point

NM = not measured

Q2 = second quarter

Q3 = third quarter

Q4 = fourth quarter

REI = reference elevation interval

Table 5-2
Changes in Groundwater Elevations and LNAPL Thicknesses

Well Location ID	Reference Elevation Interval (ft AMSL)	Q2 2020			Q4 2020			Q2 2021			Difference between Q2 2021 and Q4 2020		Difference between Q2 2021 and Q2 2020	
		Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	LNAPL Thickness (ft)	Groundwater Elevations (ft)	LNAPL Thickness (ft)	Groundwater Elevations (ft)
KAFB-106001[b]	4857/4838	4/16/2020	0	4878.18	11/3/2020	0	4876.46	5/10/2021	0	4877.15	-	0.69	-	-1.03
KAFB-106002	4857	4/14/2020	0	4878.12	11/3/2020	0	4876.76	5/11/2021	0	4877.34	-	0.58	-	-0.78
KAFB-106003	4857	4/14/2020	0	4878.15	11/3/2020	0	4877.18	5/11/2021	0	4877.64	-	0.46	-	-0.51
KAFB-106004	4857	4/14/2020	0	4878.28	11/4/2020	0	4876.43	5/12/2021	0	4877.03	-	0.60	-	-1.25
KAFB-106005	4857	4/16/2020	0	4878.28	11/3/2020	0.01	4876.20	5/10/2021	0.01	4877.06	0.00	0.86	0.01	-1.22
KAFB-106006	4857	4/15/2020	0	4877.89	11/3/2020	0	4876.13	5/10/2021	0	4876.86	-	0.73	-	-1.03
KAFB-106007	4857	4/15/2020	0	4877.81	11/3/2020	0	4876.18	5/11/2021	0	4876.92	-	0.74	-	-0.89
KAFB-106008	4857	4/16/2020	0	4878.13	11/3/2020	0	4876.05	5/10/2021	0	4876.90	-	0.85	-	-1.23
KAFB-106009	4857	4/16/2020	0	4878.25	11/3/2020	0	4876.18	5/10/2021	0	4876.84	-	0.66	-	-1.41
KAFB-106010	4857	4/15/2020	0	4877.89	11/2/2020	0	4875.49	5/10/2021	0	4876.68	-	1.19	-	-1.21
KAFB-106011	4857	4/15/2020	0	4877.85	11/3/2020	0	4875.77	5/11/2021	0	4876.49	-	0.72	-	-1.36
KAFB-106012R	4857	4/15/2020	0	4877.89	11/3/2020	0	4876.23	5/11/2021	0	4876.84	-	0.61	-	-1.05
KAFB-106013	4857	4/15/2020	0	4877.97	11/4/2020	0	4875.83	5/12/2021	0	4876.44	-	0.61	-	-1.53
KAFB-106014	4857	4/15/2020	0	4877.97	11/3/2020	0	4875.89	5/10/2021	0	4876.74	-	0.85	-	-1.23
KAFB-106015[b]	4857/4838	4/15/2020	0	4877.93	11/4/2020	0	4873.33	5/11/2021	0	4875.32	-	1.99	-	-2.61
KAFB-106016	4857	4/15/2020	0	4877.99	11/4/2020	0	4876.72	5/11/2021	0	4877.34	-	0.62	-	-0.65
KAFB-106017[b]	4857/4838	4/14/2020	0	4877.56	11/4/2020	0	4874.94	5/12/2021	0	4875.61	-	0.67	-	-1.95
KAFB-106018[b]	4857/4838	4/14/2020	0	4877.74	11/4/2020	0	4875.40	5/12/2021	0	4875.92	-	0.52	-	-1.82
KAFB-106019[b]	4857/4838	4/14/2020	0	4877.56	11/4/2020	0	4875.14	5/12/2021	0	4875.77	-	0.63	-	-1.79
KAFB-106020	4857	4/15/2020	0	4878.17	11/4/2020	0	4875.87	5/12/2021	0	4876.33	-	0.46	-	-1.84
KAFB-106021[b]	4838	4/14/2020	0	4878.02	11/2/2020	0	4875.15	5/11/2021	0	4876.12	-	0.97	-	-1.90
KAFB-106022[b,c]	4857/4838	4/15/2020	0	4877.91	11/4/2020	0	4874.18	5/12/2021	0	4875.23	-	1.05	-	-2.68
KAFB-106023	4857	4/15/2020	0	4877.91	11/4/2020	0	4874.56	5/12/2021	0	4875.57	-	1.01	-	-2.34
KAFB-106024	4857	4/14/2020	0	4877.77	11/3/2020	0	4876.34	5/11/2021	0	4877.00	-	0.66	-	-0.77
KAFB-106025[b]	4857/4838	4/15/2020	0	4878.42	11/3/2020	0	4874.70	5/12/2021	0	4875.76	-	1.06	-	-2.66
KAFB-106026	4857	4/15/2020	0	4878.68	11/3/2020	0	4873.95	5/12/2021	0	4875.77	-	1.82	-	-2.91
KAFB-106027	4857	4/15/2020	0	4877.79	11/3/2020	0	4876.67	5/11/2021	0	4877.26	-	0.59	-	-0.53
KAFB-106028	4857	4/15/2020	0	4877.80	11/3/2020	0	4875.81	5/10/2021	0	4876.73	-	0.92	-	-1.07
KAFB-106029	4857	4/14/2020	0	4878.52	11/2/2020	0	4875.11	5/11/2021	0	4876.16	-	1.05	-	-2.36
KAFB-106030	4838	4/14/2020	0	4878.49	11/2/2020	0	4875.10	5/11/2021	0	4876.17	-	1.07	-	-2.32
KAFB-106031	4814	4/14/2020	0	4878.50	11/2/2020	0	4874.99	5/11/2021	0	4876.11	-	1.12	-	-2.39
KAFB-106032	4857	4/15/2020	0	4878.54	11/3/2020	0	4876.13	5/12/2021	0	4876.63	-	0.50	-	-1.91
KAFB-106033	4838	4/15/2020	0	4878.54	11/3/2020	0	4876.15	5/12/2021	0	4876.65	-	0.50	-	-1.89
KAFB-106034	4814	4/15/2020	0	4878.57	11/3/2020	0	4876.16	5/12/2021	0	4876.66	-	0.50	-	-1.91
KAFB-106035[c]	4857	4/14/2020	0	4877.38	11/4/2020	0	4873.70	5/12/2021	0	4874.91	-	1.21	-	-2.47
KAFB-106036[c]	4838	4/14/2020	0	4877.17	11/4/2020	0	4873.50	5/12/2021	0	4874.75	-	1.25	-	-2.42
KAFB-106037[c]	4838	4/14/2020	0	4876.79	11/4/2020	0	4873.10	5/12/2021	0	4874.35	-	1.25	-	-2.44
KAFB-106038	4857	4/14/2020	0	4877.68	11/4/2020	0	4874.95	5/12/2021	0	4875.75	-	0.80	-	-1.93
KAFB-106039	4838	4/14/2020	0	4877.58	11/4/2020	0	4874.84	5/12/2021	0	4875.66	-	0.82	-	-1.92
KAFB-106040	4814	4/14/2020	0	4877.62	11/4/2020	0	4874.86	5/12/2021	0	4875.69	-	0.83	-	-1.93
KAFB-106041	4857	4/15/2020	0	4878.50	11/3/2020	0	4874.16	5/11/2021	0	4875.97	-	1.81	-	-2.53
KAFB-106042	4857	4/15/2020	0	4878.47	11/3/2020	0	4874.16	5/11/2021	0	4875.93	-	1.77	-	-2.54
KAFB-106043	4814	4/15/2020	0	4878.45	11/3/2020	0	4874.17	5/11/2021	0	4875.94	-	1.77	-	-2.51
KAFB-106044	4838	4/15/2020	0	4877.82	11/3/2020	0	4876.66	5/11/2021	0	4877.30	-	0.64	-	-0.52
KAFB-106045	4814	4/15/2020	0	4877.82	11/3/2020	0	4876.70	5/11/2021	0	4877.30	-	0.60	-	-0.52
KAFB-106046	4857	4/14/2020	0	4877.65	11/4/2020	0	4875.76	5/11/2021	0	4876.63	-	0.87	-	-1.02

Table 5-2
Changes in Groundwater Elevations and LNAPL Thicknesses

Well Location ID	Reference Elevation Interval (ft AMSL)	Q2 2020			Q4 2020			Q2 2021			Difference between Q2 2021 and Q4 2020		Difference between Q2 2021 and Q2 2020	
		Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	LNAPL Thickness (ft)	Groundwater Elevations (ft)	LNAPL Thickness (ft)	Groundwater Elevations (ft)
KAFB-106047	4838	4/14/2020	0	4877.55	11/4/2020	0	4875.69	5/11/2021	0	4876.53	-	0.84	-	-1.02
KAFB-106048	4814	4/14/2020	0	4877.59	11/4/2020	0	4875.73	5/11/2021	0	4876.56	-	0.83	-	-1.03
KAFB-106049	4857	4/15/2020	0	4878.74	11/2/2020	0	4875.02	5/12/2021	0	4876.16	-	1.14	-	-2.58
KAFB-106050	4838	4/15/2020	0	4878.76	11/2/2020	0	4875.02	5/12/2021	0	4876.16	-	1.14	-	-2.60
KAFB-106051	4814	4/15/2020	0	4878.72	11/2/2020	0	4875.00	5/12/2021	0	4876.12	-	1.12	-	-2.60
KAFB-106052	4857	4/15/2020	0	4878.45	11/2/2020	0	4874.53	5/12/2021	0	4875.78	-	1.25	-	-2.67
KAFB-106053	4838	4/15/2020	0	4878.34	11/2/2020	0	4874.41	5/12/2021	0	4875.66	-	1.25	-	-2.68
KAFB-106054	4814	4/15/2020	0	4878.47	11/2/2020	0	4874.48	5/12/2021	0	4875.76	-	1.28	-	-2.71
KAFB-106055	4857	4/15/2020	0	4878.22	11/2/2020	0	4873.87	5/11/2021	0	4875.72	-	1.85	-	-2.50
KAFB-106057	4838	4/15/2020	0	4878.24	11/2/2020	0	4873.84	5/11/2021	0	4875.73	-	1.89	-	-2.51
KAFB-106058	4814	4/15/2020	0	4878.26	11/2/2020	0	4873.88	5/11/2021	0	4875.78	-	1.90	-	-2.48
KAFB-106059	4857	4/15/2020	0.15	4877.93	11/2/2020	0.01	4876.00	5/10/2021	0.01	4877.02	0.00	1.02	-0.14	-0.91
KAFB-106060	4838	4/15/2020	0	4877.79	11/4/2020	0	4876.03	5/11/2021	0	4876.78	-	0.75	-	-1.01
KAFB-106061	4814	4/15/2020	0	4877.95	11/4/2020	0	4876.18	5/11/2021	0	4876.90	-	0.72	-	-1.05
KAFB-106062	4814	4/14/2020	0	4877.74	11/4/2020	0	4875.90	5/11/2021	0	4876.99	-	1.09	-	-0.75
KAFB-106063[d]	4838	5/19/2020	0	4877.95	10/14/2020	0	4876.16	5/10/2021	0	4876.61	-	0.45	NA	-1.34
KAFB-106064[d,e]	4857	5/19/2020	0	4877.17	10/14/2020	0	4876.15	5/10/2021	NA	NA	NA	NA	NA	NA
KAFB-106065	4838	4/15/2020	0	4877.73	11/2/2020	0	4875.59	5/10/2021	0	4876.58	-	0.99	-	-1.15
KAFB-106066	4814	4/15/2020	0	4877.86	11/4/2020	0	4875.76	5/12/2021	0	4876.27	-	0.51	-	-1.59
KAFB-106067	4857	4/14/2020	0	4877.49	11/3/2020	0	4875.37	5/10/2021	0	4876.24	-	0.87	-	-1.25
KAFB-106068	4814	4/14/2020	0	4877.44	11/4/2020	0	4875.15	5/12/2021	0	4875.74	-	0.59	-	-1.70
KAFB-106069	4838	4/14/2020	0	4877.64	11/4/2020	0	4875.41	5/10/2021	0	4876.37	-	0.96	-	-1.27
KAFB-106070	4857	4/16/2020	0	4877.99	11/4/2020	0	4874.68	5/11/2021	0	4875.63	-	0.95	-	-2.36
KAFB-106071	4814	4/16/2020	0	4878.08	11/4/2020	0	4874.82	5/11/2021	0	4875.77	-	0.95	-	-2.31
KAFB-106072	4838	4/16/2020	0	4878.25	11/3/2020	0	4875.04	5/11/2021	0	4875.87	-	0.83	-	-2.38
KAFB-106073	4838	4/15/2020	0	4878.11	11/3/2020	0	4875.66	5/12/2021	0	4876.29	-	0.63	-	-1.82
KAFB-106074	4814	4/15/2020	0	4878.09	11/4/2020	0	4875.64	5/12/2021	0	4876.29	-	0.65	-	-1.80
KAFB-106075	4857	4/15/2020	0	4878.03	11/4/2020	0	4875.56	5/12/2021	0	4876.22	-	0.66	-	-1.81
KAFB-106076	4857	4/15/2020	0.01	4877.67	11/3/2020	0	4876.14	5/10/2021	0.01	4876.83	0.01	0.69	0.00	-0.84
KAFB-106077	4838	4/15/2020	0	4876.37	11/3/2020	0	4874.78	5/11/2021	0	4875.46	-	0.68	-	-0.91
KAFB-106078	4814	4/15/2020	0	4877.11	11/3/2020	0	4875.52	5/11/2021	0	4876.19	-	0.67	-	-0.92
KAFB-106079	4857	4/15/2020	0	4877.76	11/3/2020	0	4875.81	5/10/2021	0	4876.62	-	0.81	-	-1.14
KAFB-106080	4838	4/15/2020	0	4878.03	11/3/2020	0	4876.17	5/10/2021	0	4876.77	-	0.60	-	-1.26
KAFB-106081	4814	4/15/2020	0	4877.83	11/3/2020	0	4875.89	5/11/2021	0	4876.56	-	0.67	-	-1.27
KAFB-106082	4857	4/14/2020	0	4877.57	11/4/2020	0	4875.00	5/12/2021	0	4875.70	-	0.70	-	-1.87
KAFB-106083	4838	4/14/2020	0	4877.70	11/4/2020	0	4875.13	5/12/2021	0	4875.81	-	0.68	-	-1.89
KAFB-106084	4814	4/14/2020	0	4877.80	11/4/2020	0	4875.20	5/12/2021	0	4875.90	-	0.70	-	-1.90
KAFB-106085	4857	4/14/2020	0	4877.93	11/4/2020	0	4875.15	5/11/2021	0	4876.00	-	0.85	-	-1.93
KAFB-106086	4838	4/14/2020	0	4877.99	11/4/2020	0	4875.19	5/11/2021	0	4876.03	-	0.84	-	-1.96
KAFB-106087	4814	4/14/2020	0	4878.06	11/4/2020	0	4875.18	5/11/2021	0	4876.04	-	0.86	-	-2.02
KAFB-106088	4857	4/14/2020	0	4877.62	11/3/2020	0	4874.71	5/12/2021	0	4875.43	-	0.72	-	-2.19
KAFB-106089	4838	4/14/2020	0	4877.21	11/4/2020	0	4874.15	5/12/2021	0	4875.06	-	0.91	-	-2.15
KAFB-106090	4814	4/14/2020	0	4877.68	11/4/2020	0	4874.59	5/12/2021	0	4875.50	-	0.91	-	-2.18
KAFB-106091[f]	4857	4/15/2020	0	4878.22	11/2/2020	0	4873.59	5/12/2021	0	4874.77	-	1.18	-	-3.45
KAFB-106092[f]	4838	4/15/2020	0	4878.26	11/2/2020	0	4873.39	5/12/2021	0	4874.57	-	1.18	-	-3.69
KAFB-106093[f]	4814	4/15/2020	0	4878.29	11/2/2020	0	4874.08	5/12/2021	0	4875.27	-	1.19	-	-3.02

Table 5-2
Changes in Groundwater Elevations and LNAPL Thicknesses

Well Location ID	Reference Elevation Interval (ft AMSL)	Q2 2020			Q4 2020			Q2 2021			Difference between Q2 2021 and Q4 2020		Difference between Q2 2021 and Q2 2020	
		Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	LNAPL Thickness (ft)	Groundwater Elevations (ft)	LNAPL Thickness (ft)	Groundwater Elevations (ft)
KAFB-106094	4857	4/14/2020	0	4877.83	11/3/2020	0	4875.87	5/10/2021	0	4876.69	-	0.82	-	-1.14
KAFB-106095	4838	4/14/2020	0	4877.87	11/4/2020	0	4875.84	5/12/2021	0	4876.35	-	0.51	-	-1.52
KAFB-106096	4814	4/14/2020	0	4877.87	11/4/2020	0	4875.89	5/12/2021	0	4876.37	-	0.48	-	-1.50
KAFB-106097	4838	4/15/2020	0	4878.15	11/4/2020	0	4876.03	5/12/2021	0	4876.61	-	0.58	-	-1.54
KAFB-106098	4814	4/15/2020	0	4878.16	11/4/2020	0	4875.99	5/12/2021	0	4876.60	-	0.61	-	-1.56
KAFB-106099	4838	4/14/2020	0	4878.35	11/4/2020	0	4876.52	5/12/2021	0	4877.11	-	0.59	-	-1.24
KAFB-106100	4814	4/14/2020	0	4878.33	11/4/2020	0	4876.47	5/12/2021	0	4877.09	-	0.62	-	-1.24
KAFB-106101	4838	4/14/2020	0	4878.05	11/3/2020	0	4876.95	5/11/2021	0	4877.46	-	0.51	-	-0.59
KAFB-106102	4814	4/14/2020	0	4877.91	11/3/2020	0	4876.84	5/11/2021	0	4877.37	-	0.53	-	-0.54
KAFB-106103	4838	4/15/2020	0	4877.34	11/4/2020	0	4873.99	5/12/2021	0	4875.00	-	1.01	-	-2.34
KAFB-106104	4814	4/16/2020	0	4877.74	11/4/2020	0	4874.18	5/12/2021	0	4875.20	-	1.02	-	-2.54
KAFB-106105	4838	4/15/2020	0	4878.31	11/3/2020	0	4874.23	5/11/2021	0	4875.83	-	1.60	-	-2.48
KAFB-106106	4857	4/15/2020	0	4878.28	11/3/2020	0	4874.18	5/11/2021	0	4875.79	-	1.61	-	-2.49
KAFB-106107	4814	4/15/2020	0	4878.36	11/3/2020	0	4874.29	5/11/2021	0	4875.90	-	1.61	-	-2.46
KAFB-106148-484	4857	4/15/2020	0	4877.94	11/3/2020	0	4876.43	5/10/2021	0	4877.10	-	0.67	-	-0.84
KAFB-106149-484	4857	4/16/2020	0	4877.72	11/2/2020	0	4876.05	5/10/2021	0	4876.80	-	0.75	-	-0.92
KAFB-106150-484	4857	4/15/2020	0.38	4877.53	11/3/2020	0.1	4876.11	5/10/2021	0.39	4876.68	0.29	0.57	0.01	-0.85
KAFB-106151-484	4857	4/16/2020	0	4877.48	11/3/2020	0	4875.71	5/10/2021	0	4876.42	-	0.71	-	-1.06
KAFB-106152-484	4857	4/16/2020	0	4877.89	11/3/2020	0	4876.05	5/10/2021	0	4876.81	-	0.76	-	-1.08
KAFB-106153-484	4857	4/16/2020	0	4877.77	11/3/2020	0	4875.98	5/10/2021	0	4876.72	-	0.74	-	-1.05
KAFB-106154-484	4857	4/15/2020	0	4877.91	11/3/2020	0.04	4876.28	5/10/2021	0.03	4876.96	-0.01	0.68	0.03	-0.95
KAFB-106155-484	4857	4/15/2020	0	4877.25	11/3/2020	0	4875.63	5/10/2021	0	4876.37	-	0.74	-	-0.88
KAFB-106156-484	4857	4/15/2020	0	4877.88	11/3/2020	0	4876.43	5/10/2021	0	4877.11	-	0.68	-	-0.77
KAFB-106201[g]	4857	4/16/2020	0	4877.45	11/2/2020	0	4868.90	5/11/2021	0	4875.10	-	6.20	-	-2.35
KAFB-106202[g]	4838	4/16/2020	0	4877.22	11/2/2020	0	4868.96	5/11/2021	0	4875.08	-	6.12	-	-2.14
KAFB-106203[g]	4814	4/16/2020	0	4876.51	11/2/2020	0	4868.56	5/11/2021	0	4874.58	-	6.02	-	-1.93
KAFB-106204	4857	4/14/2020	0	4878.76	11/2/2020	0	4872.92	5/11/2021	0	4875.88	-	2.96	-	-2.88
KAFB-106205	4838	4/14/2020	0	4878.82	11/2/2020	0	4872.90	5/11/2021	0	4875.88	-	2.98	-	-2.94
KAFB-106206	4814	4/14/2020	0	4878.85	11/2/2020	0	4872.91	5/11/2021	0	4875.87	-	2.96	-	-2.98
KAFB-106207	4857	4/15/2020	0	4879.35	11/2/2020	0	4871.34	5/11/2021	0	4875.64	-	4.30	-	-3.71
KAFB-106208	4838	4/15/2020	0	4879.29	11/2/2020	0	4871.29	5/11/2021	0	4875.54	-	4.25	-	-3.75
KAFB-106209	4814	4/15/2020	0	4879.48	11/2/2020	0	4871.51	5/11/2021	0	4875.47	-	3.96	-	-4.01
KAFB-106211[h]	4857	4/14/2020	0	4877.89	11/4/2020	NA	NA	5/12/2021	NA	NA	NA	NA	NA	NA
KAFB-106212[c]	4814	4/14/2020	0	4876.94	11/4/2020	0	4873.21	5/12/2021	0	4874.44	-	1.23	-	-2.50
KAFB-106213	4857	4/14/2020	0	4877.55	11/4/2020	0	4873.75	5/12/2021	0	4875.09	-	1.34	-	-2.46
KAFB-106214	4838	4/14/2020	0	4877.69	11/4/2020	0	4873.87	5/12/2021	0	4875.19	-	1.32	-	-2.50
KAFB-106215	4814	4/14/2020	0	4877.78	11/4/2020	0	4873.94	5/12/2021	0	4875.27	-	1.33	-	-2.51
KAFB-106216	4857	4/14/2020	0	4877.91	11/2/2020	0	4873.38	5/11/2021	0	4875.53	-	2.15	-	-2.38
KAFB-106217	4838	4/14/2020	0	4877.95	11/2/2020	0	4873.40	5/11/2021	0	4875.54	-	2.14	-	-2.41
KAFB-106218	4814	4/14/2020	0	4877.59	11/2/2020	0	4873.03	5/11/2021	0	4875.18	-	2.15	-	-2.41
KAFB-106219	4857	4/14/2020	0	4878.34	11/3/2020	0	4872.82	5/11/2021	0	4875.59	-	2.77	-	-2.75
KAFB-106220	4838	4/14/2020	0	4878.34	11/3/2020	0	4872.84	5/11/2021	0	4875.59	-	2.75	-	-2.75
KAFB-106221	4814	4/14/2020	0	4878.30	11/3/2020	0	4872.85	5/11/2021	0	4875.57	-	2.72	-	-2.73
KAFB-106222	4857	4/15/2020	0	4878.37	11/2/2020	0	4872.86	5/11/2021	0	4875.59	-	2.73	-	-2.78
KAFB-106223	4838	4/15/2020	0	4878.50	11/2/2020	0	4872.95	5/11/2021	0	4875.64	-	2.69	-	-2.86
KAFB-106224	4814	4/15/2020	0	4878.47	11/2/2020	0	4873.02	5/11/2021	0	4875.64	-	2.62	-	-2.83

Table 5-2
Changes in Groundwater Elevations and LNAPL Thicknesses

Well Location ID	Reference Elevation Interval (ft AMSL)	Q2 2020			Q4 2020			Q2 2021			Difference between Q2 2021 and Q4 2020		Difference between Q2 2021 and Q2 2020	
		Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	Date	Measured LNAPL Thickness (ft)	Groundwater Elevation Corrected for LNAPL Thickness (ft AMSL)[a]	LNAPL Thickness (ft)	Groundwater Elevations (ft)	LNAPL Thickness (ft)	Groundwater Elevations (ft)
KAFB-106225	4857	4/15/2020	0	4878.12	11/2/2020	0	4873.11	5/12/2021	0	4875.20	-	2.09	-	-2.92
KAFB-106226	4838	4/15/2020	0	4878.46	11/2/2020	0	4873.48	5/12/2021	0	4875.51	-	2.03	-	-2.95
KAFB-106227	4814	4/15/2020	0	4878.47	11/2/2020	0	4873.56	5/12/2021	0	4875.55	-	1.99	-	-2.92
KAFB-106229[b,f]	4857/4838	4/15/2020	0	4878.29	11/2/2020	0	4873.42	5/12/2021	0	4874.58	-	1.16	-	-3.71
KAFB-106230	4814	4/15/2020	0	4878.43	11/3/2020	0	4873.51	5/12/2021	0	4875.44	-	1.93	-	-2.99
KAFB-106231	4857	4/14/2020	0	4878.90	11/2/2020	0	4873.37	5/11/2021	0	4875.97	-	2.60	-	-2.93
KAFB-106232	4814	4/14/2020	0	4878.98	11/2/2020	0	4873.47	5/11/2021	0	4876.02	-	2.55	-	-2.96
KAFB-106235-438	4857	4/15/2020	0	4878.38	11/3/2020	0	4874.13	5/12/2021	0	4875.45	-	1.32	-	-2.93
KAFB-106235-472	4838	4/15/2020	0	4878.39	11/3/2020	0	4874.15	5/12/2021	0	4875.46	-	1.31	-	-2.93
KAFB-106235-501	4814	4/15/2020	0	4878.35	11/3/2020	0	4874.07	5/12/2021	0	4875.39	-	1.32	-	-2.96
KAFB-106236-436	4857	4/15/2020	0	4878.93	11/3/2020	0	4874.29	5/11/2021	0	4876.06	-	1.77	-	-2.87
KAFB-106236-470	4838	4/15/2020	0	4878.95	11/3/2020	0	4874.29	5/11/2021	0	4876.05	-	1.76	-	-2.90
KAFB-106236-499	4814	4/15/2020	0	4878.91	11/3/2020	0	4874.25	5/11/2021	0	4876.01	-	1.76	-	-2.90
KAFB-106240-449	4857	4/15/2020	0	4878.08	11/3/2020	0	4875.95	5/12/2021	0	4876.55	-	0.60	-	-1.53
KAFB-106241-428	4857	4/15/2020	0	4877.64	11/2/2020	0	4873.41	5/11/2021	0	4875.11	-	1.70	-	-2.53
KAFB-106242-418	4857	4/14/2020	0	4877.95	11/2/2020	0	4875.16	5/11/2021	0	4876.05	-	0.89	-	-1.90
KAFB-106243-425	4857	4/14/2020	0	4877.73	11/4/2020	0	4874.62	5/12/2021	0	4875.60	-	0.98	-	-2.13
KAFB-106244-445	4857	4/14/2020	0	4878.21	11/4/2020	0	4876.43	5/12/2021	0	4877.04	-	0.61	-	-1.17
KAFB-106245-460	4857	4/14/2020	0	4877.54	11/4/2020	0	4875.12	5/11/2021	0	4876.03	-	0.91	-	-1.51
KAFB-106247-450	4857	4/14/2020	0	4877.57	11/3/2020	0	4876.09	5/11/2021	0	4876.80	-	0.71	-	-0.77
KAFB-106248-452	4857	NA	NA	NA	NA	NA	NA	5/12/2021	0	4875.73	NA	NA	NA	NA
KAFB-106249-450	4857	NA	NA	NA	NA	NA	NA	5/12/2021	0	4876.25	NA	NA	NA	NA
KAFB-106250-447	4857	NA	NA	NA	NA	NA	NA	5/12/2021	0	4875.85	NA	NA	NA	NA
KAFB-106251-443	4857	NA	NA	NA	NA	NA	NA	5/12/2021	0	4876.70	NA	NA	NA	NA
KAFB-106252-425	4857	NA	NA	NA	NA	NA	NA	5/12/2021	0	4873.57	NA	NA	NA	NA
KAFB-106S1-447	4857	4/15/2020	0	4877.91	11/3/2020	0	4876.33	5/10/2021	0	4877.09	-	0.76	-	-0.82
KAFB-106S2-451	4857	4/15/2020	0	4877.89	11/3/2020	0	4876.01	5/10/2021	0	4876.85	-	0.84	-	-1.04
KAFB-106S3-449	4857	4/15/2020	0	4877.42	11/3/2020	0	4875.45	5/10/2021	0	4876.24	-	0.79	-	-1.18
KAFB-106S4-446	4857	4/15/2020	0	4878.06	11/4/2020	0	4876.12	5/11/2021	0	4876.83	-	0.71	-	-1.23
KAFB-106S5-446	4857	4/16/2020	0	4878.20	11/2/2020	0	4875.68	5/10/2021	0	4876.70	-	1.02	-	-1.50
KAFB-106S7-451	4857	4/16/2020	0	4878.01	11/2/2020	0	4875.59	5/10/2021	0	4876.64	-	1.05	-	-1.37
KAFB-106S8-451	4857	4/15/2020	0	4877.84	11/3/2020	0	4876.15	5/10/2021	0	4876.94	-	0.79	-	-0.90
KAFB-106S9-447	4857	4/16/2020	0	4877.74	11/3/2020	0	4875.88	5/10/2021	0	4876.62	-	0.74	-	-1.12
KAFB-106S10-443	4857	NA	NA	NA	NA	NA	NA	5/10/2021	0	4877.16	NA	NA	NA	NA
KAFB-3411	4857	4/15/2020	0	4877.95	11/4/2020	0	4876.47	5/11/2021	0	4877.13	-	0.66	-	-0.82

Table 5-2
Changes in Groundwater Elevations and LNAPL Thicknesses

[a] Groundwater elevation corrected for LNAPL thickness was calculated using the following formula: MRP Elevation - Depth to LNAPL/water interface + (LNAPL Thickness * Specific Gravity of Weathered JP4/JP8 Fuel). A specific gravity of 0.7592 is used, based on the December 13, 2018 site-specific fuel testing report from PTS Laboratories using LNAPL collected from wells KAFB-106014, KAFB-106059, and KAFB-106079.

[b] Well used in analyses for both REI 4857 and 4838.

[c] Well within immediate proximity of groundwater extraction well KAFB-106228, which was pumping during gauging in Q2 2020, Q4 2020, and Q2 2021.

[d] Well was not gauged during the synoptic gauging events due to presence of monitoring equipment. Gauging occurred prior to sampling and is presented here for informational purposes only. Data was not used in the creation of potentiometric surface maps or for performance assessment.

[e] In Q2 2021, gauging was attempted prior to sampling, but dedicated equipment in the well prevented the interface probe from reaching groundwater level.

[f] Well within immediate proximity of groundwater extraction well KAFB-106233, which was pumping during gauging in Q4 2020 and Q2 2021, and was off during gauging in Q2 2020.

[g] Well within immediate proximity of drinking water supply well KAFB-003, which was in operation during Q2 2020, Q4 2020, and Q2 2021. While in operation, the pump typically runs from 0700 to 1300 and 2000 to 0100, but may run for additional hours as needed.

[h] The bottom of the screened interval in KAFB-106211 is near the top of the water table. Due to changing water levels, KAB-106211 was dry in Q4 2020 and Q2 2021, but had measurable water column in Q2 2020.

- = LNAPL not detected in either quarter
AMSL = above mean sea level
ft = foot/feet
ID = identification
JP = jet propellant
LNAPL = light non-aqueous phase liquid
MRP = measurement reference point
NA = not applicable
Q2 = second quarter
Q4 = fourth quarter
REI = reference elevation interval

Table 5-3
Water Quality Field Measurements for Groundwater Monitoring Well Samples, Q2 2021

Well Location ID[a]	Sample Date	Temperature (°C)	pH (S.U.)	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
Wells South of Ridgecrest Drive SE							
KAFB-106001	4/27/2021	19.4	7.42	447.1	1.86	299.5	1.38
KAFB-106002	4/15/2021	18.3	7.51	498.5	6.52	359.1	0.61
KAFB-106003	4/7/2021	18.3	7.77	910	8.77	341.7	2.87
KAFB-106004	4/8/2021	19.5	7.72	419.4	5.3	324.9	7.92
KAFB-106005	4/21/2021	19.8	6.96	1,938	0.2	-315	6.71
KAFB-106006	4/23/2021	19	7.09	625	0.28	-132.4	1.03
KAFB-106007	4/14/2021	15.4	7.75	377.2	4.8	345.1	0.23
KAFB-106008	4/20/2021	18.8	6.8	1,207	0.2	-106.6	30.9
KAFB-106009	4/28/2021	18.1	7.03	1,677	0.33	64.9	0.64
KAFB-106010	4/21/2021	16.2	6.96	715	0.41	-143.9	1.48
KAFB-106011	4/2/2021	18.6	7.52	1,592	1.37	243.4	3.25
KAFB-106012R	4/14/2021	21.3	7.25	1620.0	6.63	338.2	0.31
KAFB-106013	4/6/2021	18.7	7.81	347.5	2.04	353.7	16.7
KAFB-106014	4/20/2021	17.8	6.8	1,875	0.14	-108.7	3.33
KAFB-106016	4/15/2021	19	7.68	323.5	2.43	350.5	3.61
KAFB-106017	4/19/2021	17.2	7.55	545	0.26	-94.7	1.22
KAFB-106018	4/26/2021	19.2	7.57	600	0.26	170.8	0.39
KAFB-106019	4/26/2021	19	7.64	442.7	1.37	258.1	3.1
KAFB-106020	4/27/2021	17.8	7.64	527.6	1.66	353.7	40.7
KAFB-106024	4/7/2021	20.7	7.62	387.2	0.76	233.7	5.42
KAFB-106027	4/2/2021	18.5	7.78	421	3.04	302	0.94
KAFB-106028	4/20/2021	18	6.81	1,299	0.28	-131.3	2.4
KAFB-106038	4/12/2021	16.7	7.59	878	3.63	307	0.42
KAFB-106039	4/12/2021	20.9	7.54	839	2.51	309.4	2.72
KAFB-106040	4/12/2021	17.9	7.59	535.9	3.42	304.9	1.36
KAFB-106044	4/2/2021	17.9	7.75	376.1	2.82	364.8	1.74
KAFB-106045	4/13/2021	18.8	7.88	357.6	2.87	434.5	0.39
KAFB-106046	4/2/2021	19.1	7.65	390.7	5.37	276.9	1
KAFB-106047	4/2/2021	18.7	7.33	383.6	6.66	295.3	1.16
KAFB-106048	4/14/2021	22.6	7.52	368	5.37	318.7	4.38
KAFB-106059	4/22/2021	18.4	6.82	894	0.3	-98.5	2.58
KAFB-106060	4/7/2021	18.1	7.62	617	6.59	315.2	0.32
KAFB-106061	4/13/2021	20.7	7.75	359.1	2.67	328.9	1.57
KAFB-106062	4/2/2021	18	7.48	339.7	6.58	295.5	0.45
KAFB-106063	4/1/2021	16.8	6.86	728	0.52	-79.6	8.16
KAFB-106064	4/1/2021	17	6.77	1260	0.29	-84.9	2.11
KAFB-106065	4/16/2021	17.3	7.25	641	0.48	-43.7	1.88
KAFB-106066	4/16/2021	17	7.9	319.5	3.88	226.7	0.88
KAFB-106067	4/16/2021	18.2	7.29	570.4	0.22	-11.9	2.34
KAFB-106068	4/6/2021	18.4	7.36	335.3	6.61	279.5	6.68
KAFB-106069	4/26/2021	20.3	7.48	688	0.33	-25.4	0.53
KAFB-106073	4/15/2021	16.4	7.57	552.6	0.51	343.9	3.72
KAFB-106074	4/15/2021	18.6	7.76	321.7	2.84	356.7	1.37

Table 5-3
Water Quality Field Measurements for Groundwater Monitoring Well Samples, Q2 2021

Well Location ID[a]	Sample Date	Temperature (°C)	pH (S.U.)	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
KAFB-106075	4/29/2021	20.8	7.54	679	1.81	233	17.4
KAFB-106076	4/23/2021	19.8	6.94	390.8	0.31	-237.1	21.8
KAFB-106077	4/14/2021	18.6	7.73	353.3	2.97	341.6	1.62
KAFB-106078	4/19/2021	19.2	7.36	387.6	7.94	173.9	7.32
KAFB-106079	4/22/2021	19.3	6.92	1,457	3.84	-47.9	12
KAFB-106080	4/27/2021	19	6.9	1,229.00	0.23	-72.1	1.33
KAFB-106081	4/14/2021	20	7.63	355.2	3.97	329.9	2.9
KAFB-106082	4/9/2021	17.8	7.57	574.8	0.45	350.7	1.51
KAFB-106083	4/9/2021	20.4	7.74	376.4	0.5	292.9	0.66
KAFB-106084	4/9/2021	20.7	7.73	325.2	3.55	290.2	1.14
KAFB-106094	4/16/2021	18.4	7.45	591	0.25	121.3	4.85
KAFB-106095	4/12/2021	22.6	7.44	428.6	0.84	240	0.51
KAFB-106096	4/12/2021	21.7	7.57	349.9	2.51	253.9	5.1
KAFB-106097	4/7/2021	17.8	7.8	469.8	2.84	396.5	0.27
KAFB-106098	4/6/2021	19.2	7.89	406	3.36	292.6	0.38
KAFB-106099	4/8/2021	18.6	7.83	409.1	5.48	340.9	6.28
KAFB-106100	4/8/2021	18.1	7.87	345	2.49	384.5	0.65
KAFB-106101	4/5/2021	19.3	7.67	900	8.74	263.5	1.2
KAFB-106102	4/5/2021	19.7	7.83	300.3	3.41	212.7	0.47
KAFB-106249-450	4/21/2021	21.87	7.85	380	9.60	126	0.0
KAFB-106250-447	4/22/2021	19.28	6.18	721	0.00	0	9.2
KAFB-106251-443	4/22/2021	16.52	5.78	584	0.00	183	0.0
KAFB-106252-425	3/23/2021	18.3	7.77	685	7.78	355	6.27
KAFB-106S10-443	4/19/2021	19.5	7.17	754	0.43	-100.4	6.86
KAFB-3411	4/13/2021	20	7.69	388.4	2.33	382.1	3.51
Well North of Ridgecrest Drive SE							
KAFB-106248-452	4/5/2021	19.3	7.62	412.6	6.82	390.1	13.9

[a] Field parameters are collected at wells sampled using low-flow methodology. Field parameters are not collected at wells sampled using passive methodology, and therefore those wells are not presented in this table.

°C = degrees Celsius
µS/cm = microSiemens per centimeter
DO = dissolved oxygen
ID = identification
mg/L = milligram per liter
NA = not applicable
mV = millivolt
NTU = nephelometric turbidity unit
ORP = oxidation reduction potential
Q2 = second quarter
Spec. Cond. = specific conductivity
S.U. = standard unit

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106248-452			KAFB-106248-452			KAFB-106249-450		
			Field Sample ID:				GW248-452-212			GW248-452-612			GW249-450-212		
			Sample Date:				4/5/2021			4/5/2021			4/21/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				493.3			493.3			488.1		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	UJ	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	NS	NS	5.7	5.7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1,1-Trichloroethane	200	200	8,000	200	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1,2,2-Tetrachloroethane	10	NS	0.76	10	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1,2-Trichloroethane	5	5	2.8	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1-Dichloroethane	25	NS	28	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1-Dichloroethene	7	7	280	7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1-Dichloropropene	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2,3-Trichlorobenzene	NS	NS	7	7	ND	U	1	ND	U	1	ND	U	1
		1,2,3-Trichloropropane	NS	NS	0.0075	0.05[e]	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2,4-Trichlorobenzene	70	70	12	70	ND	U	1	ND	U	1	ND	U	1
		1,2,4-Trimethylbenzene	NS	NS	56	56	ND	U	2	ND	U	2	ND	U	2
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	1[e]	ND	U	1	ND	U	1	ND	U	1
		1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2-Dichlorobenzene	600	600	300	600	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2-Dichloroethane	5	5	1.7	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2-Dichloropropane	5	5	8.5	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,3,5-Trimethylbenzene	NS	NS	60	60	ND	U	1	ND	U	1	ND	U	1
		1,3-Dichlorobenzene	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,3-Dichloropropane	NS	NS	370	370	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,4-Dichlorobenzene	75	75	4.8	75	ND	U	0.5	ND	U	0.5	ND	U	0.5
		2,2-Dichloropropane	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		2-Butanone	NS	NS	5,600	5,600	ND	U	1	ND	U	1	ND	U	1
		2-Chlorotoluene	NS	NS	240	240	ND	U	0.5	ND	U	0.5	ND	U	0.5
		2-Hexanone	NS	NS	38	38	ND	U	1	ND	U	1	ND	U	1
		4-Chlorotoluene	NS	NS	250	250	ND	U	0.5	ND	U	0.5	ND	U	0.5
		4-Isopropyltoluene	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		4-Methyl-2-pentanone	NS	NS	6,300	6,300	ND	U	1	ND	U	1	ND	U	1
		Acetone	NS	NS	14,000	14,000	ND	U	2	1.5	J	2	2.5	J	2
		Acrolein	NS	NS	0.042	5[e]	ND	U	5	ND	U	5	ND	U	5
		Acrylonitrile	NS	NS	0.52	1[e]	ND	U	1	ND	U	1	ND	U	1
		Benzene	5	5	4.6	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Bromobenzene	NS	NS	62	62	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Bromochloromethane	NS	NS	83	83	ND	UJ	0.5	ND	UJ	0.5	ND	U	0.5
		Bromodichloromethane	NS	80	1.3	80	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Bromoform	NS	80	33	80	ND	U	2	ND	U	2	ND	U	2

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106248-452			KAFB-106248-452			KAFB-106249-450		
			Field Sample ID:				GW248-452-212			GW248-452-612			GW249-450-212		
			Sample Date:				4/5/2021			4/5/2021			4/21/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				493.3			493.3			488.1		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Bromomethane	NS	NS	7.5	7.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Carbon disulfide	NS	NS	810	810	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Carbon tetrachloride	5	5	4.6	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chlorobenzene	NS	100	78	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chloroethane	NS	NS	21,000	21,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chloroform	100	80	2.2	80	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chloromethane	NS	NS	190	190	ND	U	0.5	ND	U	0.5	ND	U	0.5
		cis-1,2-Dichloroethene	70	70	36	70	ND	U	0.5	ND	U	0.5	ND	U	0.5
		cis-1,3-Dichloropropene	NS	NS	4.7	4.7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Dibromochloromethane	NS	80	8.7	80	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Dibromomethane	NS	NS	8.3	8.3	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Dichlorodifluoromethane	NS	NS	200	200	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Hexachloro-1,3-butadiene	NS	NS	1.4	4[e]	ND	U	4	ND	U	4	ND	U	4
		Isopropylbenzene	NS	NS	450	450	ND	U	0.5	ND	U	0.5	ND	U	0.5
		m- & p-Xylenes	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Methyl tert-butyl ether	100	NS	140	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Methylene chloride	5	5	110	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Naphthalene	30	NS	1.2	30	ND	U	2	ND	U	2	ND	U	2
		n-Butylbenzene	NS	NS	1,000	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		n-Propylbenzene	NS	NS	660	660	ND	U	0.5	ND	U	0.5	ND	U	0.5
		o-Xylene	NS	NS	190	190	ND	U	0.8	ND	U	0.8	ND	U	0.8
		sec-Butylbenzene	NS	NS	2,000	2,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Styrene	100	100	1,200	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		tert-Butylbenzene	NS	NS	690	690	ND	U	1	ND	U	1	ND	U	1
		Tetrachloroethene	5	5	110	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	0.31	J	0.5
		trans-1,2-Dichloroethene	100	100	68	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		trans-1,3-Dichloropropene	NS	NS	4.7	4.7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Trichloroethene	5	5	4.9	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Trichlorofluoromethane	NS	NS	5,200	5,200	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Vinyl acetate	NS	NS	410	410	ND	U	2	ND	U	2	ND	U	2
		Vinyl chloride	2	2	0.19	2	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106248-452			KAFB-106248-452			KAFB-106249-450		
			Field Sample ID:				GW248-452-212			GW248-452-612			GW249-450-212		
			Sample Date:				4/5/2021			4/5/2021			4/21/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				493.3			493.3			488.1		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
TPH	Method SW8015M (µg/L)	TPH-DRO (C10-C28)	NS	NS	1,300	1,300	54	J	91	58	J	90	ND	UJ	95
		TPH-GRO (C6-C10)	NS	NS	550	550	ND	U	40	ND	U	40	ND	U	40
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	43	--	0.15	44	--	0.15	49	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	0.97	--	0.1
		Magnesium	NS	NS	NS	NS	6.3	--	0.075	6.2	--	0.075	7.4	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.11	--	0.0052	0.1	--	0.0052	**1.1**	--	0.0052
		Potassium	NS	NS	NS	NS	2.8	--	0.45	2.9	--	0.45	2.7	--	0.45
		Sodium	NS	NS	NS	NS	29	--	0.5	29	--	0.5	26	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	ND	U	0.0016	0.001	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00052	--	0.00025	0.00041	J	0.00025	0.00022	J	0.00025
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	29	--	1.5	29	--	1.5	9.3	--	1.5
		Sulfate	600	250	NS	250	42	--	4.5	42	--	4.5	17	--	4.5
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[f]	10[f]	NS	10[f]	0.3	--	0.09	0.29	--	0.09	ND	U	0.09
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	180	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	180	--	6

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106250-447			KAFB-106251-443			KAFB-106251-443		
			Field Sample ID:				GW250-447-212			GW251-443-212			GW251-443-612		
			Sample Date:				4/22/2021			4/22/2021			4/22/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				485.7			481.6			481.6		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.0098	J-	0.019	0.019	J-	0.019	0.02	J-	0.019
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	NS	NS	5.7	5.7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1,1-Trichloroethane	200	200	8,000	200	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1,2,2-Tetrachloroethane	10	NS	0.76	10	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1,2-Trichloroethane	5	5	2.8	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1-Dichloroethane	25	NS	28	25	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1-Dichloroethene	7	7	280	7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,1-Dichloropropene	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2,3-Trichlorobenzene	NS	NS	7	7	ND	U	1	ND	U	1	ND	U	1
		1,2,3-Trichloropropane	NS	NS	0.0075	0.05[e]	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2,4-Trichlorobenzene	70	70	12	70	ND	U	1	ND	U	1	ND	U	1
		1,2,4-Trimethylbenzene	NS	NS	56	56	ND	U	2	ND	U	2	ND	U	2
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	1[e]	ND	U	1	ND	U	1	ND	U	1
		1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2-Dichlorobenzene	600	600	300	600	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2-Dichloroethane	5	5	1.7	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,2-Dichloropropane	5	5	8.5	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,3,5-Trimethylbenzene	NS	NS	60	60	ND	U	1	ND	U	1	ND	U	1
		1,3-Dichlorobenzene	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,3-Dichloropropane	NS	NS	370	370	ND	U	0.5	ND	U	0.5	ND	U	0.5
		1,4-Dichlorobenzene	75	75	4.8	75	ND	U	0.5	ND	U	0.5	ND	U	0.5
		2,2-Dichloropropane	NS	NS	NS	NS	ND	U	0.5	ND	U	0.5	ND	U	0.5
		2-Butanone	NS	NS	5,600	5,600	11	--	1	0.61	J	1	0.86	J	1
		2-Chlorotoluene	NS	NS	240	240	ND	U	0.5	ND	U	0.5	ND	U	0.5
		2-Hexanone	NS	NS	38	38	ND	U	1	ND	U	1	ND	U	1
		4-Chlorotoluene	NS	NS	250	250	ND	U	0.5	ND	U	0.5	ND	U	0.5
		4-Isopropyltoluene	NS	NS	NS	NS	24	--	0.5	ND	U	0.5	ND	U	0.5
		4-Methyl-2-pentanone	NS	NS	6,300	6,300	15	--	1	ND	U	1	ND	U	1
		Acetone	NS	NS	14,000	14,000	50	--	2	7.7	J	2	7.3	J	2
		Acrolein	NS	NS	0.042	5[e]	ND	U	5	ND	U	5	ND	U	5
		Acrylonitrile	NS	NS	0.52	1[e]	ND	U	1	ND	U	1	ND	U	1
		Benzene	5	5	4.6	5	**5.8**	--	0.5	ND	U	0.5	ND	U	0.5
		Bromobenzene	NS	NS	62	62	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Bromochloromethane	NS	NS	83	83	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Bromodichloromethane	NS	80	1.3	80	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Bromoform	NS	80	33	80	ND	U	2	ND	U	2	ND	U	2

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106250-447			KAFB-106251-443			KAFB-106251-443		
			Field Sample ID:				GW250-447-212			GW251-443-212			GW251-443-612		
			Sample Date:				4/22/2021			4/22/2021			4/22/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				485.7			481.6			481.6		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method SW8260C (µg/L)	Bromomethane	NS	NS	7.5	7.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Carbon disulfide	NS	NS	810	810	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Carbon tetrachloride	5	5	4.6	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chlorobenzene	NS	100	78	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chloroethane	NS	NS	21,000	21,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chloroform	100	80	2.2	80	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Chloromethane	NS	NS	190	190	ND	U	0.5	ND	U	0.5	ND	U	0.5
		cis-1,2-Dichloroethene	70	70	36	70	ND	U	0.5	ND	U	0.5	ND	U	0.5
		cis-1,3-Dichloropropene	NS	NS	4.7	4.7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Dibromochloromethane	NS	80	8.7	80	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Dibromomethane	NS	NS	8.3	8.3	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Dichlorodifluoromethane	NS	NS	200	200	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	1.4	--	0.8	ND	U	0.8	ND	U	0.8
		Hexachloro-1,3-butadiene	NS	NS	1.4	4[e]	ND	U	4	ND	U	4	ND	U	4
		Isopropylbenzene	NS	NS	450	450	19	--	0.5	ND	U	0.5	ND	U	0.5
		m- & p-Xylenes	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Methyl tert-butyl ether	100	NS	140	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Methylene chloride	5	5	110	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Naphthalene	30	NS	1.2	30	4.3	J	2	ND	U	2	ND	U	2
		n-Butylbenzene	NS	NS	1,000	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		n-Propylbenzene	NS	NS	660	660	ND	U	0.5	ND	U	0.5	ND	U	0.5
		o-Xylene	NS	NS	190	190	2.5	--	0.8	ND	U	0.8	ND	U	0.8
		sec-Butylbenzene	NS	NS	2,000	2,000	1.4	J	0.5	ND	U	0.5	ND	U	0.5
		Styrene	100	100	1,200	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		tert-Butylbenzene	NS	NS	690	690	ND	U	1	ND	U	1	ND	U	1
		Tetrachloroethene	5	5	110	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	1,000	1,000	1,100	1,000	0.62	J	0.5	0.2	J	0.5	0.26	J	0.5
		trans-1,2-Dichloroethene	100	100	68	100	ND	U	0.5	ND	U	0.5	ND	U	0.5
		trans-1,3-Dichloropropene	NS	NS	4.7	4.7	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Trichloroethene	5	5	4.9	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Trichlorofluoromethane	NS	NS	5,200	5,200	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Vinyl acetate	NS	NS	410	410	ND	U	2	ND	U	2	ND	U	2
		Vinyl chloride	2	2	0.19	2	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	2.5	J	2.8	ND	U	2.8	ND	U	2.8

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106250-447			KAFB-106251-443			KAFB-106251-443		
			Field Sample ID:				GW250-447-212			GW251-443-212			GW251-443-612		
			Sample Date:				4/22/2021			4/22/2021			4/22/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				485.7			481.6			481.6		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
TPH	Method SW8015M (µg/L)	TPH-DRO (C10-C28)	NS	NS	1,300	1,300	**41,000**	J	1,000	500	J	110	560	J	100
		TPH-GRO (C6-C10)	NS	NS	550	550	**5,100**	--	200	33	J	40	28	J	40
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	88	--	0.15	70	--	0.15	69	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	**7.4**	--	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	15	--	0.075	11	--	0.075	11	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**3.8**	--	0.0052	**0.41**	--	0.0052	**0.41**	--	0.0052
		Potassium	NS	NS	NS	NS	3.4	--	0.45	3.4	--	0.45	3.3	--	0.45
		Sodium	NS	NS	NS	NS	33	--	0.5	32	--	0.5	32	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.003	--	0.0016	0.00092	J	0.0016	0.00094	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.0006	--	0.00025	0.00011	J	0.00025	0.0001	J	0.00025
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	10	J+	1.5	10	--	1.5	10	--	1.5
		Sulfate	600	250	NS	250	ND	U	4.5	31	--	4.5	31	--	4.5
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[f]	10[f]	NS	10[f]	1.8	J-	0.18	0.16	--	0.09	0.14	--	0.09
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	320	J-	6	230	--	6	230	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	UJ	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	320	J-	6	230	--	6	230	--	6

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106252-425			KAFB-106S10-443		
			Field Sample ID:				GW252-425-211			GWS10-443-212		
			Sample Date:				3/23/2021			4/19/2021		
			Sample Type:				REG			REG		
			Sample Depth (ft bgs):				463			484		
			Reference Elevation Interval (ft AMSL):				4857			4857		
Parameter	Analytical Method (units)	Analyte	NMAC NM WQCC[a]	EPA MCL[b]	EPA RSL[c]	Project Screening Level[d]	Result	Val Qual	LOD	Result	Val Qual	LOD
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	**290**	J	39
VOCs	Method SW8260C (µg/L)	1,1,1,2-Tetrachloroethane	NS	NS	5.7	5.7	ND	U	0.5	ND	U	5
		1,1,1-Trichloroethane	200	200	8,000	200	ND	U	0.5	ND	U	5
		1,1,2,2-Tetrachloroethane	10	NS	0.76	10	ND	U	0.5	ND	U	5
		1,1,2-Trichloroethane	5	5	2.8	5	ND	U	0.5	ND	U	5
		1,1-Dichloroethane	25	NS	28	25	ND	U	0.5	ND	U	5
		1,1-Dichloroethene	7	7	280	7	ND	U	0.5	ND	U	5
		1,1-Dichloropropene	NS	NS	NS	NS	ND	U	0.5	ND	U	5
		1,2,3-Trichlorobenzene	NS	NS	7	7	ND	U	1	ND	U	10
		1,2,3-Trichloropropane	NS	NS	0.0075	0.05[e]	ND	U	0.5	ND	U	5
		1,2,4-Trichlorobenzene	70	70	12	70	ND	U	1	ND	U	10
		1,2,4-Trimethylbenzene	NS	NS	56	56	ND	U	2	**150**	--	20
		1,2-Dibromo-3-chloropropane	NS	0.2	0.0033	1[e]	ND	U	1	ND	U	10
		1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.5	**190**	--	5
		1,2-Dichlorobenzene	600	600	300	600	ND	U	0.5	ND	U	5
		1,2-Dichloroethane	5	5	1.7	5	ND	U	0.5	3.9	J	5
		1,2-Dichloropropane	5	5	8.5	5	ND	U	0.5	ND	U	5
		1,3,5-Trimethylbenzene	NS	NS	60	60	ND	U	1	45	J	10
		1,3-Dichlorobenzene	NS	NS	NS	NS	ND	U	0.5	ND	U	5
		1,3-Dichloropropane	NS	NS	370	370	ND	U	0.5	ND	U	5
		1,4-Dichlorobenzene	75	75	4.8	75	ND	U	0.5	ND	U	5
		2,2-Dichloropropane	NS	NS	NS	NS	ND	U	0.5	ND	U	5
		2-Butanone	NS	NS	5,600	5,600	ND	UJ	1	100	--	10
		2-Chlorotoluene	NS	NS	240	240	ND	U	0.5	ND	U	5
		2-Hexanone	NS	NS	38	38	ND	UJ	1	130	--	10
		4-Chlorotoluene	NS	NS	250	250	ND	U	0.5	ND	U	5
		4-Isopropyltoluene	NS	NS	NS	NS	ND	U	0.5	2.9	J	5
		4-Methyl-2-pentanone	NS	NS	6,300	6,300	ND	UJ	1	46	J	10
		Acetone	NS	NS	14,000	14,000	ND	U	2	780	--	20
		Acrolein	NS	NS	0.042	5[e]	ND	U	5	ND	UJ	50
		Acrylonitrile	NS	NS	0.52	1[e]	ND	UJ	1	ND	UJ	10
		Benzene	5	5	4.6	5	ND	U	0.5	12,000	--	50
		Bromobenzene	NS	NS	62	62	ND	U	0.5	ND	U	5
		Bromochloromethane	NS	NS	83	83	ND	U	0.5	ND	U	5
		Bromodichloromethane	NS	80	1.3	80	ND	U	0.5	ND	U	5
		Bromoform	NS	80	33	80	ND	U	2	ND	U	20

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106252-425			KAFB-106S10-443		
			Field Sample ID:				GW252-425-211			GWS10-443-212		
			Sample Date:				3/23/2021			4/19/2021		
			Sample Type:				REG			REG		
			Sample Depth (ft bgs):				463			484		
			Reference Elevation Interval (ft AMSL):				4857			4857		
Parameter	Analytical Method (units)	Analyte	NMAC NM WQCC[a]	EPA MCL[b]	EPA RSL[c]	Project Screening Level[d]	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method SW8260C (µg/L)	Bromomethane	NS	NS	7.5	7.5	ND	U	0.5	ND	U	5
		Carbon disulfide	NS	NS	810	810	ND	U	0.5	ND	U	5
		Carbon tetrachloride	5	5	4.6	5	ND	U	0.5	ND	U	5
		Chlorobenzene	NS	100	78	100	ND	U	0.5	ND	U	5
		Chloroethane	NS	NS	21,000	21,000	ND	U	0.5	ND	U	5
		Chloroform	100	80	2.2	80	ND	U	0.5	ND	U	5
		Chloromethane	NS	NS	190	190	ND	U	0.5	ND	U	5
		cis-1,2-Dichloroethene	70	70	36	70	ND	U	0.5	ND	U	5
		cis-1,3-Dichloropropene	NS	NS	4.7	4.7	ND	U	0.5	ND	U	5
		Dibromochloromethane	NS	80	8.7	80	ND	U	0.5	ND	U	5
		Dibromomethane	NS	NS	8.3	8.3	ND	U	0.5	ND	U	5
		Dichlorodifluoromethane	NS	NS	200	200	ND	U	0.5	ND	U	5
		Ethylbenzene	700	700	15	700	ND	U	0.8	650	J	8
		Hexachloro-1,3-butadiene	NS	NS	1.4	4[e]	ND	U	4	ND	U	40
		Isopropylbenzene	NS	NS	450	450	ND	U	0.5	33	J	5
		m- & p-Xylenes	NS	NS	NS	NS	ND	U	2	1,800	--	20
		Methyl tert-butyl ether	100	NS	140	100	ND	U	0.5	ND	U	5
		Methylene chloride	5	5	110	5	ND	U	0.5	ND	U	5
		Naphthalene	30	NS	1.2	30	ND	U	2	87	--	20
		n-Butylbenzene	NS	NS	1,000	1,000	ND	U	0.5	2.3	J	5
		n-Propylbenzene	NS	NS	660	660	ND	U	0.5	31	J	5
		o-Xylene	NS	NS	190	190	ND	U	0.8	900	--	8
		sec-Butylbenzene	NS	NS	2,000	2,000	ND	U	0.5	4.4	J	5
		Styrene	100	100	1,200	100	ND	U	0.5	ND	U	5
		tert-Butylbenzene	NS	NS	690	690	ND	U	1	ND	U	10
		Tetrachloroethene	5	5	110	5	ND	U	0.5	ND	U	5
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	17,000	--	50
		trans-1,2-Dichloroethene	100	100	68	100	ND	U	0.5	ND	U	5
		trans-1,3-Dichloropropene	NS	NS	4.7	4.7	ND	U	0.5	ND	U	5
		Trichloroethene	5	5	4.9	5	ND	U	0.5	ND	U	5
		Trichlorofluoromethane	NS	NS	5,200	5,200	ND	U	0.5	ND	U	5
		Vinyl acetate	NS	NS	410	410	ND	U	2	ND	U	20
		Vinyl chloride	2	2	0.19	2	ND	U	0.5	ND	UJ	5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	2,700	--	28

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

			Well Location ID:				KAFB-106252-425			KAFB-106S10-443		
			Field Sample ID:				GW252-425-211			GWS10-443-212		
			Sample Date:				3/23/2021			4/19/2021		
			Sample Type:				REG			REG		
			Sample Depth (ft bgs):				463			484		
			Reference Elevation Interval (ft AMSL):				4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
TPH	Method SW8015M (µg/L)	TPH-DRO (C10-C28)	NS	NS	1,300	1,300	ND	U	90	**36,000**	--	460
		TPH-GRO (C6-C10)	NS	NS	550	550	ND	U	40	**69,000**	--	1,000
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	61	--	0.15	72	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	0.88	--	0.1
		Magnesium	NS	NS	NS	NS	8.2	--	0.075	12	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.074	--	0.0052	**1.4**	--	0.0052
		Potassium	NS	NS	NS	NS	3.6	--	0.45	3.1	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	30	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.0022	--	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00011	J	0.00025	0.00015	J	0.00025
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	67	--	15	15	--	1.5
		Sulfate	600	250	NS	250	61	--	4.5	4	J	4.5
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[f]	10[f]	NS	10[f]	2.1	--	0.45	ND	U	0.09
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	91	--	6	270	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	91	--	6	270	--	6

Table 5-4
Groundwater Analytical Results for Wells within the Baseline Period, Q2 2021

[a] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.
[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).
[c] EPA Region 6 RSL for Tapwater (May 2021) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.
[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level is the EPA RSL.
[e] The project screening level has been raised to the laborotory limit of detection for this analyte since the laboratory is unable to achieve the EPA tapwater RSL due to method limitations. This analyte is not considered to be a site constituent of concern.
[f] Based on the geochemical equilibrium of the site groundwater and previous site data analyses, nitrate/nitrite results represent nitrate concentrations.
µg/L = microgram per liter
AMSL = above mean sea level
bgs = below ground surface
CFR = Code of Federal Regulations
DRO = diesel range organics
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ft = foot (feet)
GRO = gasoline range organics
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
mg/L = milligrams per liter
ND = not detected
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specified
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
TPH = Total petroleum hydrocarbons
Val Qual = validation qualifier
VOCs = Volatile organic compounds
WQCC = Water Quality Control Commission
Shading = detected concentrations
Bold/Shading = concentrations exceed the project screening level
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
J+ = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated, biased high.
J- = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated, biased low.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106001			KAFB-106002			KAFB-106003			KAFB-106004		
			Field Sample ID:				GW001-212			GW002-212			GW003-212			GW004-212		
			Sample Date:				4/27/2021			4/15/2021			4/7/2021			4/8/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				488			493.89			481			489		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**0.63**	--	0.096	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	ND	U	2.8	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106005			KAFB-106006			KAFB-106007			KAFB-106008		
			Field Sample ID:				GW005-212			GW006-212			GW007-212			GW008-212		
			Sample Date:				4/21/2021			4/23/2021			4/14/2021			4/20/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				483.87			488.68			490.66			490.92		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**0.33**	J	0.02	0.013	J	0.019	ND	U	0.019	**2.2**	J	0.19
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**1,600**	--	10	**160**	--	0.5	—	--	—	**9,300**	--	50
		Ethylbenzene	700	700	15	700	180	--	1.6	31	--	0.8	—	--	—	420	--	8
		Toluene	1,000	1,000	1,100	1,000	840	--	10	0.9	J	0.5	—	--	—	**4,200**	--	50
		Xylenes, total	620	10,000	190	620	**670**	--	5.6	66	--	2.8	—	--	—	**1,100**	--	28

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106008			KAFB-106009			KAFB-106010			KAFB-106011		
			Field Sample ID:				GW008-612			GW009-212			GW010-212			GW011-212		
			Sample Date:				4/20/2021			4/28/2021			4/21/2021			4/2/2021		
			Sample Type:				Field Duplicate			REG			REG			REG		
			Sample Depth (ft bgs):				490.92			485.69			485			501.55		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**2.1**	J	0.19	0.022	J	0.019	**9.8**	J	0.97	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**9,300**	--	50	1.7	--	0.5	**2,600**	--	25	ND	U	0.5
		Ethylbenzene	700	700	15	700	420	--	8	ND	U	0.8	**890**	--	4	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	**4,200**	--	50	0.25	J	0.5	**5,700**	--	25	ND	U	0.5
		Xylenes, total	620	10,000	190	620	**1,100**	--	28	ND	U	2.8	**1,800**	--	14	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106012R			KAFB-106013			KAFB-106014			KAFB-106014		
			Field Sample ID:				GW012R-212			GW013-212			GW014-212			GW014-612		
			Sample Date:				4/14/2021			4/6/2021			4/20/2021			4/20/2021		
			Sample Type:				REG			REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				470.5			492			491			491		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	**1.2**	J	0.097	**1.1**	J	0.097
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	ND	U	0.5	**5,700**	--	25	**5,000**	--	25
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	**1,100**	--	4	**1,100**	--	4
		Toluene	1,000	1,000	1,100	1,000	0.25	J	0.5	ND	U	0.5	**6,800**	--	25	**6,000**	--	25
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	**2,500**	--	14	**2,500**	--	14

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106015			KAFB-106016			KAFB-106016			KAFB-106017		
			Field Sample ID:				GW015-212			GW016-212			GW016-612			GW017-212		
			Sample Date:				4/1/2021			4/15/2021			4/15/2021			4/19/2021		
			Sample Type:				REG			REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				488.22			490.79			490.79			498.11		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857			4857 & 4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	UJ	0.019	ND	U	0.019	ND	U	0.019	**0.11**	--	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	0.71	J	0.5
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	ND	U	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106018			KAFB-106019			KAFB-106020			KAFB-106021		
			Field Sample ID:				GW018-212			GW019-212			GW020-212			GW021-212		
			Sample Date:				4/26/2021			4/26/2021			4/27/2021			4/6/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				481			498			484			458.7		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857 & 4838			4857			4857 & 4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.02	J	0.019	**0.055**	--	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	ND	U	0.8	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	ND	U	2.8	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106022			KAFB-106023			KAFB-106024			KAFB-106025		
			Field Sample ID:				GW022-212			GW023-212			GW024-212			GW025-212		
			Sample Date:				4/8/2021			4/9/2021			4/7/2021			4/5/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				462.7			473.74			493.5			465.7		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857			4857 & 4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.026	J	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.02
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106026			KAFB-106027			KAFB-106028			KAFB-106029		
			Field Sample ID:				GW026-212			GW027-212			GW028-212			GW029-212		
			Sample Date:				4/2/2021			4/2/2021			4/20/2021			4/6/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				466.7			494.16			488			451.5		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.02	**38**	J	3.8	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	**6,500**	--	50	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	**950**	--	8	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	**10,000**	--	50	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	**2,800**	--	28	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106030			KAFB-106031			KAFB-106032			KAFB-106033		
			Field Sample ID:				GW030-212			GW031-212			GW032-212			GW033-212		
			Sample Date:				4/6/2021			4/6/2021			4/8/2021			4/8/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				470.2			496.5			456.7			477.7		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106034			KAFB-106035			KAFB-106036			KAFB-106037		
			Field Sample ID:				GW034-212			GW035-212			GW036-212			GW037-212		
			Sample Date:				4/8/2021			4/9/2021			4/9/2021			4/9/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				502.7			452.83			482.58			507.75		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	0.031	--	0.019	**0.09**	--	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106037			KAFB-106038			KAFB-106039			KAFB-106040		
			Field Sample ID:				GW037-612			GW038-212			GW039-212			GW040-212		
			Sample Date:				4/9/2021			4/12/2021			4/12/2021			4/12/2021		
			Sample Type:				Field Duplicate			REG			REG			REG		
			Sample Depth (ft bgs):				507.75			483.5			513.5			535.5		
			Reference Elevation Interval (ft AMSL):				4838			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	ND	U	0.5	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	ND	U	0.8	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	1	--	0.5	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	ND	U	2.8	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106041			KAFB-106042			KAFB-106043			KAFB-106044		
			Field Sample ID:				GW041-212			GW042-212			GW043-212			GW044-212		
			Sample Date:				4/5/2021			4/5/2021			4/5/2021			4/2/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				449.7			469.7			543.7			514.84		
			Reference Elevation Interval (ft AMSL):				4857			4857			4814			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**0.098**	--	0.019	**0.056**	--	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106044			KAFB-106045			KAFB-106046			KAFB-106047		
			Field Sample ID:				GW044-612			GW045-212			GW046-212			GW047-212		
			Sample Date:				4/2/2021			4/13/2021			4/2/2021			4/2/2021		
			Sample Type:				Field Duplicate			REG			REG			REG		
			Sample Depth (ft bgs):				514.84			533.72			500			519.5		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.02	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106048			KAFB-106049			KAFB-106050			KAFB-106051		
			Field Sample ID:				GW048-212			GW049-212			GW050-212			GW051-212		
			Sample Date:				4/14/2021			4/8/2021			4/8/2021			4/8/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				538			457.5			475.1			501.5		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.02	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106051			KAFB-106052			KAFB-106053			KAFB-106054		
			Field Sample ID:				GW051-612			GW052-212			GW053-212			GW054-212		
			Sample Date:				4/8/2021			4/8/2021			4/8/2021			4/8/2021		
			Sample Type:				Field Duplicate			REG			REG			REG		
			Sample Depth (ft bgs):				501.5			450.3			479.1			504.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106055			KAFB-106057			KAFB-106058			KAFB-106059		
			Field Sample ID:				GW055-212			GW057-212			GW058-212			GW059-212		
			Sample Date:				4/5/2021			4/5/2021			4/5/2021			4/22/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				466.5			485.6			512.5			488.46		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	**0.14**	J	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	**15,000**	--	50
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	**970**	--	8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	**9,800**	--	50
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	**2,900**	--	28

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

						Well Location ID:	KAFB-106060			KAFB-106061			KAFB-106062			KAFB-106063		
						Field Sample ID:	GW060-212			GW061-212			GW062-212			GW063-212		
						Sample Date:	4/7/2021			4/13/2021			4/2/2021			4/1/2021		
						Sample Type:	REG			REG			REG			REG		
						Sample Depth (ft bgs):	510.5			575.2			585.77			510.13		
						Reference Elevation Interval (ft AMSL):	4838			4814			4814			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	**750**	--	10
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8	360	--	1.6
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	0.35	J	0.5	ND	U	0.5	3.9	--	1
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8	620	--	5.6

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106064			KAFB-106065			KAFB-106066			KAFB-106067		
			Field Sample ID:				GW064-212			GW065-212			GW066-212			GW067-212		
			Sample Date:				4/1/2021			4/16/2021			4/16/2021			4/16/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				490.08			515.5			583.1			495		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	UJ	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**3,600**	--	25	0.25	J	0.5	ND	U	0.5	**47**	--	0.5
		Ethylbenzene	700	700	15	700	**2,000**	--	40	ND	U	0.8	ND	U	0.8	39	--	0.8
		Toluene	1,000	1,000	1,100	1,000	15	--	2.5	ND	U	0.5	ND	U	0.5	7.6	--	0.5
		Xylenes, total	620	10,000	190	620	**5,900**	--	140	ND	U	2.8	ND	U	2.8	11	--	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106068			KAFB-106069			KAFB-106070			KAFB-106070		
			Field Sample ID:				GW068-212			GW069-212			GW070-212			GW070-612		
			Sample Date:				4/6/2021			4/26/2021			4/12/2021			4/12/2021		
			Sample Type:				REG			REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				587.5			508			460.7			460.7		
			Reference Elevation Interval (ft AMSL):				4814			4838			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	0.036	--	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	0.52	J	0.5	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106071			KAFB-106072			KAFB-106073			KAFB-106074		
			Field Sample ID:				GW071-212			GW072-212			GW073-212			GW074-212		
			Sample Date:				4/12/2021			4/12/2021			4/15/2021			4/15/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				548.7			475.7			502			572		
			Reference Elevation Interval (ft AMSL):				4814			4838			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106075			KAFB-106076			KAFB-106076			KAFB-106077		
			Field Sample ID:				GW075-212			GW076-212			GW076-612			GW077-212		
			Sample Date:				4/29/2021			4/23/2021			4/23/2021			4/14/2021		
			Sample Type:				REG			REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				482			482			482			506		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.02	0.038	--	0.019	**0.052**	--	0.019	ND	U	0.02
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	**13**	--	0.5	**13**	--	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	—	--	—	43	--	0.8	43	--	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	1.1	--	0.5	1.1	--	0.5	0.35	J	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	18	--	2.8	18	--	2.8	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106078			KAFB-106079			KAFB-106080			KAFB-106081		
			Field Sample ID:				GW078-212			GW079-212			GW080-212			GW081-212		
			Sample Date:				4/19/2021			4/22/2021			4/28/2021			4/14/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				581			488.83			508			580		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	0.044	J	0.019	0.023	J	0.019	ND	U	0.02
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	**61**	--	0.5	**22**	--	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	4.8	--	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	8.3	--	0.5	1.4	--	0.5	0.26	J	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	5.3	J	2.8	ND	U	2.8	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106082			KAFB-106083			KAFB-106084			KAFB-106085		
			Field Sample ID:				GW082-212			GW083-212			GW084-212			GW085-212		
			Sample Date:				4/9/2021			4/9/2021			4/9/2021			4/12/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				474			497.5			572			447.2		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106085			KAFB-106086			KAFB-106087			KAFB-106088		
			Field Sample ID:				GW085-612			GW086-212			GW087-212			GW088-212		
			Sample Date:				4/12/2021			4/12/2021			4/12/2021			4/12/2021		
			Sample Type:				Field Duplicate			REG			REG			REG		
			Sample Depth (ft bgs):				447.2			476.7			546.7			460.7		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.015	J	0.019	ND	U	0.019	ND	U	0.019	**0.071**	--	0.02
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106089			KAFB-106090			KAFB-106091			KAFB-106091		
			Field Sample ID:				GW089-212			GW090-212			GW091-212			GW091-612		
			Sample Date:				4/12/2021			4/12/2021			4/7/2021			4/7/2021		
			Sample Type:				REG			REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				482.26			555.78			454.7			454.7		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.048	--	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106092			KAFB-106093			KAFB-106094			KAFB-106095		
			Field Sample ID:				GW092-212			GW093-212			GW094-212			GW095-212		
			Sample Date:				4/7/2021			4/7/2021			4/16/2021			4/12/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				474.7			544.7			494.2			506		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	0.016	J	0.019	ND	UJ	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106096			KAFB-106096			KAFB-106097			KAFB-106098		
			Field Sample ID:				GW096-212			GW096-612			GW097-212			GW098-212		
			Sample Date:				4/12/2021			4/12/2021			4/7/2021			4/6/2021		
			Sample Type:				REG			Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				578.45			578.45			508			533		
			Reference Elevation Interval (ft AMSL):				4814			4814			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	UJ	0.019	ND	UJ	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	ND	U	2.8	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106099			KAFB-106100			KAFB-106101			KAFB-106102		
			Field Sample ID:				GW099-212			GW100-212			GW101-212			GW102-212		
			Sample Date:				4/8/2021			4/8/2021			4/5/2021			4/5/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				503			528			501			525.5		
			Reference Elevation Interval (ft AMSL):				4838			4814			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106103			KAFB-106104			KAFB-106105			KAFB-106106		
			Field Sample ID:				GW103-212			GW104-212			GW105-212			GW106-212		
			Sample Date:				4/9/2021			4/9/2021			4/7/2021			4/7/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				485.76			510.75			484.7			454.3		
			Reference Elevation Interval (ft AMSL):				4838			4814			4838			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106106			KAFB-106107			KAFB-106149-484			KAFB-106151-484		
			Field Sample ID:				GW106-612			GW107-212			GW149-484-212			GW151-484-212		
			Sample Date:				4/7/2021			4/7/2021			4/14/2021			4/14/2021		
			Sample Type:				Field Duplicate			REG			REG			REG		
			Sample Depth (ft bgs):				454.3			510.9			474.6			474.79		
			Reference Elevation Interval (ft AMSL):				4857			4814			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	**36**	--	4	**0.21**	--	0.02
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	**16,000**	--	50	**290**	--	5
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	**1,000**	--	8	280	--	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	**21,000**	--	50	0.35	J	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	**3,800**	--	28	24	--	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106152-484			KAFB-106153-484			KAFB-106201			KAFB-106202		
			Field Sample ID:				GW152-484-212			GW153-484-212			GW201-212			GW202-212		
			Sample Date:				4/14/2021			4/26/2021			4/1/2021			4/1/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				474.88			474.89			490.35			520.6		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.033	**21**	J	3.9	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**6,900**	--	25	**11,000**	--	25	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	570	--	4	370	--	4	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	**4,500**	--	25	**9,800**	--	25	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	**1,500**	--	14	**1,600**	--	14	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106203			KAFB-106204			KAFB-106205			KAFB-106206		
			Field Sample ID:				GW203-212			GW204-212			GW205-212			GW206-212		
			Sample Date:				4/1/2021			4/2/2021			4/2/2021			4/2/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				623.78			463.2			493.2			594.2		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	0.028	J	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106207			KAFB-106208			KAFB-106208			KAFB-106209		
			Field Sample ID:				GW207-212			GW208-212			GW208-612			GW209-212		
			Sample Date:				4/1/2021			4/1/2021			4/1/2021			4/1/2021		
			Sample Type:				REG			REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				473.7			503.7			503.7			603.7		
			Reference Elevation Interval (ft AMSL):				4857			4838			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	UJ	0.019	ND	UJ	0.019	ND	UJ	0.019	ND	UJ	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106212			KAFB-106213			KAFB-106214			KAFB-106215		
			Field Sample ID:				GW212-212			GW213-212			GW214-212			GW215-212		
			Sample Date:				4/9/2021			4/9/2021			4/9/2021			4/9/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				543.93			451.3			478.95			547.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106216			KAFB-106217			KAFB-106218			KAFB-106219		
			Field Sample ID:				GW216-212			GW217-212			GW218-212			GW219-212		
			Sample Date:				4/2/2021			4/2/2021			4/2/2021			4/1/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				461.4			485.7			552.7			466		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106220			KAFB-106221			KAFB-106222			KAFB-106223		
			Field Sample ID:				GW220-212			GW221-212			GW222-212			GW223-212		
			Sample Date:				4/1/2021			4/1/2021			4/2/2021			4/2/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				493.7			561.7			461.1			488.5		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106224			KAFB-106225			KAFB-106225			KAFB-106226		
			Field Sample ID:				GW224-212			GW225-212			GW225-612			GW226-212		
			Sample Date:				4/2/2021			4/5/2021			4/5/2021			4/5/2021		
			Sample Type:				REG			REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				555.7			453.3			453.3			480.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	0.019	J	0.019	0.041	--	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106227			KAFB-106229			KAFB-106230			KAFB-106231		
			Field Sample ID:				GW227-212			GW229-212			GW230-212			GW231-212		
			Sample Date:				4/5/2021			4/7/2021			4/2/2021			4/6/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				548.7			442.1			501.7			453.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106232			KAFB-106235-438			KAFB-106235-472			KAFB-106235-501		
			Field Sample ID:				GW232-212			GW235-438-212			GW235-472-212			GW235-501-212		
			Sample Date:				4/6/2021			4/6/2021			4/6/2021			4/6/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				503.7			441.3			472.7			501.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106236-436			KAFB-106236-470			KAFB-106236-499			KAFB-106240-449		
			Field Sample ID:				GW236-436-212			GW236-470-212			GW236-499-212			GW240-449-212		
			Sample Date:				4/7/2021			4/7/2021			4/7/2021			4/13/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				441.9			470.7			499.7			473.14		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	ND	U	0.5
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	ND	U	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106241-428			KAFB-106242-418			KAFB-106243-425			KAFB-106244-445		
			Field Sample ID:				GW241-428-212			GW242-418-212			GW243-425-212			GW244-445-212		
			Sample Date:				4/5/2021			4/6/2021			4/12/2021			4/13/2021		
			Sample Type:				REG			REG			REG			REG		
			Sample Depth (ft bgs):				452.2			442.24			446.54			469.19		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.017	J	0.019	ND	U	0.019	0.03	--	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—	—	--	—	—	--	—	ND	U	0.5
		Ethylbenzene	700	700	15	700	—	--	—	—	--	—	—	--	—	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	—	--	—	—	--	—	—	--	—	ND	U	0.5
		Xylenes, total	620	10,000	190	620	—	--	—	—	--	—	—	--	—	ND	U	2.8

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

						Well Location ID:	KAFB-106245-460			KAFB-106247-450			KAFB-106S1-447			KAFB-106S2-451		
						Field Sample ID:	GW245-460-212			GW247-450-212			GWS1-447-212			GWS2-451-212		
						Sample Date:	4/13/2021			4/13/2021			4/14/2021			4/14/2021		
						Sample Type:	REG			REG			REG			REG		
						Sample Depth (ft bgs):	487.77			477.42			471.1			478.33		
						Reference Elevation Interval (ft AMSL):	4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.02	ND	U	0.019	**68**	J	4	**11**	--	1
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	ND	U	2.5	**5,900**	--	25	**670**	--	5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	4	520	--	4	88	--	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	2.5	**6,900**	--	25	29	--	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	14	**2,400**	--	14	540	--	28

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106S3-449			KAFB-106S4-446			KAFB-106S5-446			KAFB-106S5-446		
			Field Sample ID:				GWS3-449-212			GWS4-446-212			GWS5-446-212			GWS5-446-612		
			Sample Date:				4/14/2021			4/13/2021			4/13/2021			4/13/2021		
			Sample Type:				REG			REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				476.28			473.33			470.18			470.18		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**5.8**	J	0.39	0.021	J	0.019	**8.2**	J	0.97	**8**	J	0.98
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**3,300**	--	10	ND	U	0.5	**1,900**	--	25	**1,900**	--	25
		Ethylbenzene	700	700	15	700	**830**	--	16	ND	U	0.8	**1,800**	--	40	**1,700**	--	40
		Toluene	1,000	1,000	1,100	1,000	77	--	1	ND	U	0.5	**10,000**	--	25	**9,800**	--	25
		Xylenes, total	620	10,000	190	620	**2,600**	--	56	ND	U	2.8	**4,300**	--	14	**4,300**	--	140

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106S7-451			KAFB-106S8-451			KAFB-106S9-447			KAFB-106S9-447		
			Field Sample ID:				GWS7-451-212			GWS8-451-212			GWS9-447-212			GWS9-447-612		
			Sample Date:				4/13/2021			4/14/2021			4/14/2021			4/14/2021		
			Sample Type:				REG			REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				477.7			471.22			471.22			471.22		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	**5.7**	J	0.39	**380**	--	40	**18**	--	1.9	**20**	--	1.9
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	**650**	--	5	**7,900**	--	25	**7,400**	--	25	**7,300**	--	25
		Ethylbenzene	700	700	15	700	310	--	8	520	--	4	**790**	--	4	**810**	--	4
		Toluene	1,000	1,000	1,100	1,000	180	--	0.5	**8,700**	--	25	**3,600**	--	25	**3,600**	--	25
		Xylenes, total	620	10,000	190	620	**980**	--	28	**3,900**	--	14	**1,800**	--	14	**1,800**	--	14

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-3411		
			Field Sample ID:				GW3411-212		
			Sample Date:				4/13/2021		
			Sample Type:				REG		
			Sample Depth (ft bgs):				482.06		
			Reference Elevation Interval (ft AMSL):				4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	—	--	—
		Ethylbenzene	700	700	15	700	—	--	—
		Toluene	1,000	1,000	1,100	1,000	—	--	—
		Xylenes, total	620	10,000	190	620	—	--	—

Table 5-5
Groundwater Analytical Results for EDB and BTEX for Groundwater Monitoring Wells, Q2 2021

[a] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (May 2021) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level is the EPA RSL.

[e] The project screening level has been raised to the laborotory limit of detection.

[f] Based on the geochemical equilibrium of the site groundwater and previous site data analyses, nitrate/nitrite results represent nitrate concentrations.

µg/L = microgram per liter
— = Compound not analyzed.
AFB = Air Force Base
AMSL = above mean sea level
bgs = below ground surface
BTEX = benzene, toluene, ethylbenzene, and total xylenes
CFR = Code of Federal Regulations
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ft = foot (feet)
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
ND = not detected
NM = New Mexico
NMAC = New Mexico Administrative Code
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
Val Qual = validation qualifier
WQCC = Water Quality Control Commission
Shading = detected concentrations
Bold/Shading = concentrations exceed the project screening level
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106001	4/27/2021	Q2 2021	**0.63**	--	0.096
	10/30/2020	Q4 2020	**0.65**	--	0.097
	4/16/2020	Q2 2020	**2.4**	--	0.38
	11/1/2019	Q4 2019	**0.76**	--	0.19
KAFB-106002	4/15/2021	Q2 2021	ND	U	0.019
	10/20/2020	Q4 2020	ND	U	0.019
	4/17/2020	Q2 2020	ND	U	0.019
	10/11/2019	Q4 2019	ND	U	0.019
KAFB-106003	4/7/2021	Q2 2021	ND	U	0.019
	1/14/2021	Q1 2021	ND	UJ	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	7/15/2020	Q3 2020	ND	U	0.019
KAFB-106004	4/8/2021	Q2 2021	ND	U	0.019
	1/13/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/16/2020	Q3 2020	ND	U	0.02
KAFB-106005	4/21/2021	Q2 2021	**0.33**	J	0.02
	1/15/2021	Q1 2021	**0.99**	--	0.096
	10/23/2020	Q4 2020	**0.4**	--	0.096
	7/13/2020	Q3 2020	**1.9**	J	0.39
KAFB-106006	4/23/2021	Q2 2021	0.013	J	0.019
	10/29/2020	Q4 2020	ND	UJ	0.019
	4/24/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106007	4/14/2021	Q2 2021	ND	U	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	4/24/2020	Q2 2020	ND	U	0.019
	10/18/2019	Q4 2019	ND	U	0.019
KAFB-106008	4/20/2021	Q2 2021	**2.2**	J	0.19
	10/21/2020	Q4 2020	**8.0**	--	1.9
	4/16/2020	Q2 2020	**0.71**	--	0.095
	11/7/2019	Q4 2019	**4.6**	--	1.9
KAFB-106009	4/28/2021	Q2 2021	0.022	J	0.019
	1/11/2021	Q1 2021	**0.086**	--	0.019
	10/12/2020	Q4 2020	0.017	J	0.019
	7/9/2020	Q3 2020	0.019	J	0.019
KAFB-106010	4/21/2021	Q2 2021	**9.8**	J	0.97
	10/22/2020	Q4 2020	**8.2**	--	0.96
	4/24/2020	Q2 2020	**0.11**	--	0.019
	11/5/2019	Q4 2019	**0.89**	J	0.38
KAFB-106011	4/2/2021	Q2 2021	ND	U	0.019
	10/1/2020	Q4 2020	0.018	J	0.019
	4/17/2020	Q2 2020	ND	U	0.019
	10/14/2019	Q4 2019	ND	U	0.019
KAFB-106012R	4/14/2021	Q2 2021	ND	U	0.019
	1/11/2021	Q1 2021	ND	U	0.019
	10/2/2020	Q4 2020	ND	U	0.019
	7/14/2020	Q3 2020	ND	U	0.019
KAFB-106013	4/6/2021	Q2 2021	ND	U	0.019
	1/12/2021	Q1 2021	ND	UJ	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	7/15/2020	Q3 2020	ND	UJ	0.019
KAFB-106014	4/20/2021	Q2 2021	**1.2**	J	0.097
	10/29/2020	Q4 2020	**2.6**	--	0.19
	4/24/2020	Q2 2020	0.043	--	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106015	4/1/2021	Q2 2021	ND	UJ	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106016	4/15/2021	Q2 2021	ND	U	0.019
	10/1/2020	Q4 2020	ND	U	0.019
	4/17/2020	Q2 2020	ND	U	0.019
	10/11/2019	Q4 2019	ND	U	0.019
KAFB-106017	4/19/2021	Q2 2021	**0.11**	--	0.019
	10/19/2020	Q4 2020	**0.15**	--	0.019
	4/21/2020	Q2 2020	**0.28**	--	0.019
	10/15/2019	Q4 2019	**0.25**	J	0.095
KAFB-106018	4/26/2021	Q2 2021	0.02	J	0.019
	10/28/2020	Q4 2020	0.014	J	0.019
	5/8/2020	Q2 2020	0.017	J	0.019
	10/15/2019	Q4 2019	ND	U	0.019
KAFB-106019	4/26/2021	Q2 2021	**0.055**	--	0.019
	10/8/2020	Q4 2020	0.026	J	0.019
	4/23/2020	Q2 2020	ND	U	0.019
	10/16/2019	Q4 2019	**0.052**	--	0.019
KAFB-106020	4/27/2021	Q2 2021	ND	U	0.019
	10/29/2020	Q4 2020	ND	U	0.019
	4/28/2020	Q2 2020	ND	U	0.019
	10/17/2019	Q4 2019	ND	U	0.019
KAFB-106021	4/6/2021	Q2 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	10/28/2019	Q4 2019	ND	U	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106022	4/8/2021	Q2 2021	0.026	J	0.019
	10/9/2020	Q4 2020	0.027	J	0.019
	4/6/2020	Q2 2020	0.017	J	0.019
	10/24/2019	Q4 2019	ND	U	0.019
KAFB-106023	4/9/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/10/2020	Q2 2020	ND	U	0.019
	10/31/2019	Q4 2019	ND	U	0.019
KAFB-106024	4/7/2021	Q2 2021	ND	U	0.019
	10/21/2020	Q4 2020	ND	U	0.019
	4/20/2020	Q2 2020	ND	U	0.019
	10/16/2019	Q4 2019	ND	U	0.019
KAFB-106025	4/5/2021	Q2 2021	ND	U	0.02
	10/15/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106026	4/2/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	UJ	0.019
	4/10/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106027	4/2/2021	Q2 2021	ND	U	0.02
	10/1/2020	Q4 2020	ND	U	0.019
	4/20/2020	Q2 2020	ND	U	0.019
	10/15/2019	Q4 2019	ND	U	0.019
	4/20/2020	Q2 2020	ND	U	0.019
	10/15/2019	Q4 2019	ND	U	0.019
KAFB-106028[c]	4/20/2021	Q2 2021	**38**	J	3.8
	10/22/2020	Q4 2020	**29**	--	3.8
	4/10/2020	Q2 2020	**2.9**	J	0.38
	4/22/2019	Q2 2019	**0.34**	--	0.095
KAFB-106029	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106030	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106031	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106032	4/8/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106033	4/8/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106034	4/8/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106035	4/9/2021	Q2 2021	0.031	--	0.019
	10/9/2020	Q4 2020	**0.060**	--	0.019
	4/8/2020	Q2 2020	**0.093**	--	0.019
	10/29/2019	Q4 2019	**0.12**	--	0.019
KAFB-106036	4/9/2021	Q2 2021	**0.09**	--	0.019
	10/12/2020	Q4 2020	**0.12**	--	0.019
	4/8/2020	Q2 2020	**0.063**	--	0.019
	10/29/2019	Q4 2019	**0.097**	--	0.019
KAFB-106037	4/9/2021	Q2 2021	ND	U	0.019
	10/9/2020	Q4 2020	**0.059**	J	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	**0.15**	--	0.019
KAFB-106038	4/12/2021	Q2 2021	ND	U	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	4/22/2020	Q2 2020	ND	U	0.019
	10/17/2019	Q4 2019	ND	U	0.019
KAFB-106039	4/12/2021	Q2 2021	ND	U	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	4/22/2020	Q2 2020	ND	U	0.019
	10/17/2019	Q4 2019	ND	U	0.019
KAFB-106040	4/12/2021	Q2 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/23/2020	Q2 2020	ND	U	0.019
	10/16/2019	Q4 2019	ND	U	0.019
KAFB-106041	4/5/2021	Q2 2021	**0.098**	--	0.019
	1/6/2021	Q1 2021	**0.098**	J	0.019
	10/8/2020	Q4 2020	**0.074**	--	0.019
	7/8/2020	Q3 2020	0.016	J	0.019
KAFB-106042	4/5/2021	Q2 2021	**0.056**	--	0.019
	10/8/2020	Q4 2020	0.043	--	0.019
	4/9/2020	Q2 2020	0.032	--	0.019
	10/30/2019	Q4 2019	**0.057**	J	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106043	4/5/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	4/9/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106044	4/2/2021	Q2 2021	ND	U	0.019
	10/1/2020	Q4 2020	ND	U	0.019
	4/20/2020	Q2 2020	ND	U	0.019
	10/15/2019	Q4 2019	ND	U	0.019
KAFB-106045	4/13/2021	Q2 2021	ND	U	0.02
	10/8/2020	Q4 2020	ND	U	0.019
	4/24/2020	Q2 2020	ND	U	0.019
	10/21/2019	Q4 2019	ND	U	0.019
KAFB-106046	4/2/2021	Q2 2021	ND	U	0.019
	10/20/2020	Q4 2020	ND	U	0.019
	4/22/2020	Q2 2020	ND	U	0.019
	10/14/2019	Q4 2019	ND	U	0.019
KAFB-106047	4/2/2021	Q2 2021	ND	U	0.019
	10/20/2020	Q4 2020	ND	U	0.019
	4/17/2020	Q2 2020	ND	U	0.019
	10/14/2019	Q4 2019	ND	U	0.019
KAFB-106048	4/14/2021	Q2 2021	ND	U	0.02
	10/15/2020	Q4 2020	ND	U	0.019
	4/29/2020	Q2 2020	ND	U	0.019
	10/22/2019	Q4 2019	ND	U	0.019
KAFB-106049	4/8/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106050	4/8/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106051	4/8/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/15/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106052	4/8/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106053	4/8/2021	Q2 2021	ND	U	0.019
	10/9/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106054	4/8/2021	Q2 2021	ND	U	0.019
	10/9/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106055	4/5/2021	Q2 2021	ND	U	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	4/7/2020	Q2 2020	ND	U	0.019
	10/28/2019	Q4 2019	ND	U	0.019
KAFB-106057	4/5/2021	Q2 2021	ND	U	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	4/7/2020	Q2 2020	ND	U	0.019
	10/28/2019	Q4 2019	ND	U	0.019
KAFB-106058	4/5/2021	Q2 2021	ND	U	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	4/9/2020	Q2 2020	ND	U	0.019
	10/28/2019	Q4 2019	ND	U	0.019
KAFB-106059	4/22/2021	Q2 2021	**0.14**	J	0.019
	10/23/2020	Q4 2020	**6.5**	--	0.95
	5/6/2020	Q2 2020	0.03	--	0.019
	10/21/2019	Q4 2019	**1.7**	J	0.38
KAFB-106060	4/7/2021	Q2 2021	ND	U	0.019
	10/20/2020	Q4 2020	ND	U	0.019
	4/20/2020	Q2 2020	ND	U	0.019
	10/11/2019	Q4 2019	**0.14**	--	0.019
KAFB-106061	4/13/2021	Q2 2021	ND	U	0.019
	10/15/2020	Q4 2020	ND	U	0.019
	4/27/2020	Q2 2020	ND	U	0.019
	11/5/2019	Q4 2019	ND	U	0.019
KAFB-106062	4/2/2021	Q2 2021	ND	U	0.019
	10/20/2020	Q4 2020	ND	U	0.019
	4/21/2020	Q2 2020	ND	UJ	0.019
	10/14/2019	Q4 2019	ND	U	0.019
KAFB-106063	4/1/2021	Q2 2021	ND	U	0.019
	1/11/2021	Q1 2021	ND	U	0.011
	10/14/2020	Q4 2020	ND	U	0.019
	5/19/2020	Q2 2020	ND	U	0.019
KAFB-106064	4/1/2021	Q2 2021	ND	UJ	0.019
	1/11/2021	Q1 2021	ND	U	0.010
	10/14/2020	Q4 2020	ND	U	0.019
	5/19/2020	Q2 2020	ND	U	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106065	4/1/2021	Q2 2021	ND	U	0.019
	10/19/2020	Q4 2020	ND	U	0.019
	4/22/2020	Q2 2020	ND	U	0.019
	10/11/2019	Q4 2019	ND	U	0.019
KAFB-106066	4/16/2021	Q2 2021	ND	U	0.019
	10/16/2020	Q4 2020	ND	U	0.019
	4/22/2020	Q2 2020	ND	U	0.019
	10/10/2019	Q4 2019	ND	U	0.019
KAFB-106067	4/16/2021	Q2 2021	ND	U	0.019
	10/19/2020	Q4 2020	0.017	J	0.019
	4/21/2020	Q2 2020	ND	UJ	0.019
	10/14/2019	Q4 2019	ND	U	0.019
KAFB-106068	4/6/2021	Q2 2021	ND	U	0.019
	10/16/2020	Q4 2020	ND	U	0.019
	4/20/2020	Q2 2020	ND	U	0.019
	10/11/2019	Q4 2019	ND	U	0.019
KAFB-106069	4/26/2021	Q2 2021	0.036	--	0.019
	10/16/2020	Q4 2020	ND	U	0.019
	4/23/2020	Q2 2020	0.014	J	0.019
	10/16/2019	Q4 2019	ND	U	0.019
KAFB-106070	4/12/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/16/2020	Q2 2020	ND	U	0.019
	11/1/2019	Q4 2019	ND	U	0.019
KAFB-106071	4/12/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/16/2020	Q2 2020	ND	U	0.019
	11/1/2019	Q4 2019	ND	U	0.019
KAFB-106072	4/12/2021	Q2 2021	ND	U	0.019
	10/15/2020	Q4 2020	ND	U	0.019
	4/16/2020	Q2 2020	ND	U	0.019
	11/1/2019	Q4 2019	ND	U	0.019
KAFB-106073	4/15/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	4/30/2020	Q2 2020	ND	U	0.019
	10/17/2019	Q4 2019	ND	U	0.019
KAFB-106074	4/15/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	4/30/2020	Q2 2020	ND	U	0.019
	10/22/2019	Q4 2019	ND	U	0.019
KAFB-106075	4/29/2021	Q2 2021	ND	U	0.02
	10/23/2020	Q4 2020	0.014	J	0.019
	4/20/2020	Q2 2020	0.023	J	0.019
	10/14/2019	Q4 2019	0.034	--	0.019
KAFB-106076	4/23/2021	Q2 2021	0.038	--	0.019
	10/30/2020	Q4 2020	ND	U	0.096
	4/28/2020	Q2 2020	0.024	J	0.019
	10/16/2019	Q4 2019	0.035	--	0.019
KAFB-106077	4/14/2021	Q2 2021	ND	U	0.02
	10/9/2020	Q4 2020	ND	U	0.019
	4/27/2020	Q2 2020	ND	U	0.019
	10/18/2019	Q4 2019	ND	U	0.019
KAFB-106078	4/19/2021	Q2 2021	ND	U	0.019
	10/20/2020	Q4 2020	ND	U	0.019
	4/21/2020	Q2 2020	ND	U	0.019
	10/15/2019	Q4 2019	ND	U	0.019
KAFB-106079	4/22/2021	Q2 2021	0.044	J	0.019
	10/30/2020	Q4 2020	ND	U	0.019
	4/10/2020	Q2 2020	0.012	J	0.019
	10/23/2019	Q4 2019	0.027	J	0.019
KAFB-106080	4/28/2021	Q2 2021	0.023	J	0.019
	11/24/2020	Q4 2020	ND	U	0.019
	4/23/2020	Q2 2020	ND	U	0.019
	10/16/2019	Q4 2019	ND	U	0.019
KAFB-106081	4/14/2021	Q2 2021	ND	U	0.02
	10/15/2020	Q4 2020	ND	U	0.019
	4/29/2020	Q2 2020	ND	U	0.019
	10/18/2019	Q4 2019	ND	U	0.019
KAFB-106082	4/9/2021	Q2 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	4/28/2020	Q2 2020	ND	U	0.019
	10/18/2019	Q4 2019	ND	U	0.019
KAFB-106083	4/9/2021	Q2 2021	ND	U	0.019
	10/6/2020	Q4 2020	0.016	J	0.019
	4/28/2020	Q2 2020	0.022	J	0.019
	10/18/2019	Q4 2019	ND	U	0.019
KAFB-106084	4/9/2021	Q2 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	4/28/2020	Q2 2020	ND	U	0.019
	10/22/2019	Q4 2019	ND	U	0.019
KAFB-106085	4/12/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	0.014	J	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106086	4/12/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106087	4/12/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106088	4/12/2021	Q2 2021	**0.071**	--	0.02
	10/15/2020	Q4 2020	**0.056**	--	0.019
	4/9/2020	Q2 2020	0.041	--	0.019
	11/4/2019	Q4 2019	**0.11**	--	0.019
KAFB-106089	4/12/2021	Q2 2021	0.048	--	0.019
	10/13/2020	Q4 2020	**0.074**	--	0.019
	4/9/2020	Q2 2020	ND	U	0.036
	11/4/2019	Q4 2019	**0.064**	--	0.019
KAFB-106090	4/12/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/9/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106091	4/7/2021	Q2 2021	ND	U	0.019
	10/9/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/31/2019	Q4 2019	ND	U	0.019
KAFB-106092	4/7/2021	Q2 2021	ND	U	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/31/2019	Q4 2019	ND	U	0.019
KAFB-106093	4/7/2021	Q2 2021	ND	U	0.019
	10/8/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/31/2019	Q4 2019	ND	U	0.019
KAFB-106094	4/16/2021	Q2 2021	0.016	J	0.019
	10/19/2020	Q4 2020	**0.071**	--	0.019
	4/21/2020	Q2 2020	ND	UJ	0.019
	10/14/2019	Q4 2019	ND	U	0.019
KAFB-106095	4/12/2021	Q2 2021	ND	UJ	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/29/2020	Q2 2020	ND	U	0.019
	10/21/2019	Q4 2019	ND	U	0.019
KAFB-106096	4/12/2021	Q2 2021	ND	UJ	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	5/8/2020	Q2 2020	ND	U	0.019
	10/10/2019	Q4 2019	ND	U	0.019
KAFB-106097	4/7/2021	Q2 2021	ND	U	0.019
	1/12/2021	Q1 2021	ND	UJ	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	7/16/2020	Q3 2020	ND	U	0.019
KAFB-106098	4/6/2021	Q2 2021	ND	U	0.019
	1/12/2021	Q1 2021	ND	UJ	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	7/15/2020	Q3 2020	ND	U	0.019
KAFB-106099	4/8/2021	Q2 2021	ND	U	0.019
	1/13/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/16/2020	Q3 2020	ND	U	0.019
KAFB-106100	4/8/2021	Q2 2021	ND	U	0.019
	1/13/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/16/2020	Q3 2020	ND	U	0.019
KAFB-106101	4/5/2021	Q2 2021	ND	U	0.019
	1/13/2021	Q1 2021	ND	UJ	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/15/2020	Q3 2020	ND	U	0.019
KAFB-106102	4/5/2021	Q2 2021	ND	U	0.019
	1/14/2021	Q1 2021	ND	UJ	0.019
	10/15/2020	Q4 2020	ND	U	0.019
	7/15/2020	Q3 2020	ND	U	0.019
KAFB-106103	4/9/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/10/2020	Q2 2020	ND	U	0.019
	10/31/2019	Q4 2019	ND	U	0.019
KAFB-106104	4/9/2021	Q2 2021	ND	U	0.019
	10/13/2020	Q4 2020	ND	U	0.019
	4/16/2020	Q2 2020	ND	U	0.019
	10/31/2019	Q4 2019	ND	U	0.019
KAFB-106105	4/7/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106106	4/7/2021	Q2 2021	ND	U	0.019
	10/8/2020	Q4 2020	0.027	J	0.019
	4/8/2020	Q2 2020	0.022	J	0.019
	10/30/2019	Q4 2019	ND	U	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106107	4/7/2021	Q2 2021	ND	U	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/30/2019	Q4 2019	ND	U	0.019
KAFB-106149-484[d]	4/14/2021	Q2 2021	**36**	--	4
	1/7/2021	Q1 2021	**120**	--	19
	10/21/2020	Q4 2020	**17**	--	3.8
	7/10/2020	Q3 2020	**11**	--	1.9
KAFB-106151-484[d]	4/14/2021	Q2 2021	**0.21**	--	0.02
	1/8/2021	Q1 2021	0.039	J	0.019
	10/21/2020	Q4 2020	0.030	--	0.019
	7/10/2020	Q3 2020	0.023	J	0.019
KAFB-106152-484[d]	4/14/2021	Q2 2021	ND	U	0.033
	1/8/2021	Q1 2021	**0.12**	J	0.019
	10/21/2020	Q4 2020	ND	U	0.019
	7/10/2020	Q3 2020	0.019	J	0.019
KAFB-106153-484[d]	4/26/2021	Q2 2021	**21**	J	3.9
	1/7/2021	Q1 2021	**27**	--	3.8
	10/21/2020	Q4 2020	**35**	--	3.8
	7/10/2020	Q3 2020	**30**	--	3.8
KAFB-106201	4/1/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106202	4/1/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106203	4/1/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106204	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106205	4/2/2021	Q2 2021	0.028	J	0.019
	1/4/2021	Q1 2021	0.014	J	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106206	4/2/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106207	4/1/2021	Q2 2021	ND	UJ	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106208	4/1/2021	Q2 2021	ND	UJ	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106209	4/1/2021	Q2 2021	ND	UJ	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106212	4/9/2021	Q2 2021	ND	U	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106213	4/9/2021	Q2 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106214	4/9/2021	Q2 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106215	4/9/2021	Q2 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	4/8/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106216	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106217	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.020
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106218	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106219	4/1/2021	Q2 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/7/2020	Q2 2020	ND	U	0.019
	11/5/2019	Q4 2019	ND	U	0.019
KAFB-106220	4/1/2021	Q2 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/7/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106221	4/1/2021	Q2 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/7/2020	Q2 2020	ND	U	0.019
	11/4/2019	Q4 2019	ND	U	0.019
KAFB-106222	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	UJ	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106223	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	UJ	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106224	4/2/2021	Q2 2021	ND	U	0.019
	1/4/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106225	4/5/2021	Q2 2021	0.019	J	0.019
	10/7/2020	Q4 2020	0.017	J	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106226	4/5/2021	Q2 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106227	4/5/2021	Q2 2021	ND	U	0.019
	10/7/2020	Q4 2020	ND	U	0.019
	4/6/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106229	4/7/2021	Q2 2021	ND	U	0.019
	10/9/2020	Q4 2020	ND	U	0.019
	4/7/2020	Q2 2020	ND	U	0.019
	10/29/2019	Q4 2019	ND	U	0.019
KAFB-106230	4/2/2021	Q2 2021	ND	U	0.019
	1/6/2021	Q1 2021	ND	UJ	0.019
	10/12/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106231	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106232	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.019
KAFB-106235-438	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	U	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	7/6/2020	Q3 2020	ND	U	0.019
KAFB-106235-472	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	U	0.019
	10/5/2020	Q4 2020	0.015	J	0.02
	7/6/2020	Q3 2020	ND	U	0.019
KAFB-106235-501	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	7/6/2020	Q3 2020	ND	U	0.019
KAFB-106236-436	4/7/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	7/6/2020	Q3 2020	ND	U	0.019
KAFB-106236-470	4/7/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	7/6/2020	Q3 2020	ND	U	0.019
KAFB-106236-499	4/7/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/5/2020	Q4 2020	ND	U	0.019
	7/6/2020	Q3 2020	ND	U	0.019
KAFB-106240-449	4/13/2021	Q2 2021	ND	U	0.019
	1/7/2021	Q1 2021	ND	U	0.019
	10/15/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.020
KAFB-106241-428	4/5/2021	Q2 2021	0.017	J	0.019
	1/6/2021	Q1 2021	0.029	J	0.019
	10/12/2020	Q4 2020	0.015	J	0.019
	7/8/2020	Q3 2020	ND	U	0.019

Table 5-6
Historical EDB Concentrations

Analyte:			EDB (1,2-dibromoethane)		
EPA MCL[a]:			0.05 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD
KAFB-106242-418	4/6/2021	Q2 2021	ND	U	0.019
	1/5/2021	Q1 2021	ND	UJ	0.019
	10/6/2020	Q4 2020	ND	U	0.019
	7/7/2020	Q3 2020	ND	U	0.02
KAFB-106243-425	4/12/2021	Q2 2021	0.03	--	0.019
	1/7/2021	Q1 2021	0.023	J	0.019
	10/13/2020	Q4 2020	0.042	--	0.019
	7/9/2020	Q3 2020	0.035	--	0.019
KAFB-106244-445	4/13/2021	Q2 2021	ND	U	0.019
	1/7/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.02
KAFB-106245-460	4/13/2021	Q2 2021	ND	U	0.02
	1/7/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/9/2020	Q3 2020	ND	U	0.019
KAFB-106247-450	4/13/2021	Q2 2021	ND	U	0.019
	1/7/2021	Q1 2021	ND	U	0.019
	10/14/2020	Q4 2020	ND	U	0.019
	7/8/2020	Q3 2020	ND	U	0.019
KAFB-106248-452[e]	4/5/2021	Q2 2021	ND	U	0.019
KAFB-106249-450[e]	4/21/2021	Q2 2021	ND	UJ	0.019
KAFB-106250-447[e]	4/22/2021	Q2 2021	0.0098	J-	0.019
KAFB-106251-443[e]	4/22/2021	Q2 2021	0.019	J-	0.019
KAFB-106252-425[e]	3/23/2021	Q2 2021	ND	U	0.019
KAFB-106S1-447	4/14/2021	Q2 2021	**68**	J	4
	1/7/2021	Q1 2021	**120**	--	19
	10/21/2020	Q4 2020	**5.3**	--	0.96
	7/10/2020	Q3 2020	**28**	J	3.9
KAFB-106S2-451	4/14/2021	Q2 2021	**11**	--	1
	1/7/2021	Q1 2021	**24**	J	3.8
	10/22/2020	Q4 2020	**37**	--	3.9
	7/10/2020	Q3 2020	**150**	--	38
KAFB-106S3-449	4/14/2021	Q2 2021	**5.8**	J	0.39
	1/8/2021	Q1 2021	**1.7**	J	0.19
	10/22/2020	Q4 2020	**1.6**	--	3.8
	7/10/2020	Q3 2020	**75**	--	9.6
KAFB-106S4-446	4/13/2021	Q2 2021	0.021	J	0.019
	1/7/2021	Q1 2021	0.026	J	0.019
	10/22/2020	Q4 2020	0.021	J	0.019
	7/9/2020	Q3 2020	0.035	--	0.019
KAFB-106S5-446	4/13/2021	Q2 2021	**8.2**	J	0.97
	1/8/2021	Q1 2021	**11**	J	0.95
	10/22/2020	Q4 2020	**8.9**	--	0.97
	7/10/2020	Q3 2020	**3.1**	--	0.39
KAFB-106S7-451	4/13/2021	Q2 2021	**5.7**	J	0.39
	1/8/2021	Q1 2021	**10**	J	0.96
	10/22/2020	Q4 2020	**26**	--	3.8
	7/10/2020	Q3 2020	**36**	--	3.8
KAFB-106S8-451	4/14/2021	Q2 2021	**380**	--	40
	1/7/2021	Q1 2021	**350**	--	96
	10/21/2020	Q4 2020	**28**	J	3.8
	7/10/2020	Q3 2020	**310**	--	38
KAFB-106S9-447	4/14/2021	Q2 2021	**18**	--	1.9
	1/8/2021	Q1 2021	**3.1**	J	0.39
	10/21/2020	Q4 2020	0.018	J	0.019
	7/10/2020	Q3 2020	**0.21**	--	0.019
KAFB-106S10-443[e]	4/19/2021	Q2 2021	**290**	J	39
	1/15/2021	Q1 2021	**200**	--	39
KAFB-3411	4/13/2021	Q2 2021	ND	U	0.019
	10/2/2020	Q4 2020	ND	U	0.020
	4/24/2020	Q2 2020	ND	U	0.019
	10/17/2019	Q4 2019	ND	U	0.019

Table 5-6
Historical EDB Concentrations

[a] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level is the EPA RSL. For EDB, the EPA MCL and the NM WQCC numeric standard are both 0.05 µg/L.

[b] Data presented includes results from the current quarter along with the three most recent historical results. Where wells do not have at least three historical results, the results from each quarter of sampling are provided.

[c] This well was not sampled in Q4 2019 due to suspected biofouling in the well.

[d] Wells initially installed for vadose zone characterization. These wells were added to the GWM network to temporarily fill a data gap as the water level rose across the site.

[e] This well has fewer than three historical results.

µg/L = microgram per liter
AFB = Air Force Base
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
ND = not detected
NM = New Mexico
Q1 = first quarter
Q2 = second quarter
Q3 = third quarter
Q4 = fourth quarter
RSL = regional screening level
Val Qual = validation qualifier
WQCC = Water Quality Control Commission
Shading = detected concentrations.
Bold/Shading = concentrations exceed the project screening level.
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 5-7
Historical BTEX Concentrations

Analyte:			Benzene			Ethylbenzene			Toluene			Xylenes, Total		
Project Screening Level[a]:			5 µg/L			700 µg/L			1,000 µg/L			620 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
KAFB-106003	4/7/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/14/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/12/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/15/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106004	4/8/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/13/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/16/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106005	4/21/2021	Q2 2021	**1,600**	--	10	180	--	1.6	840	--	10	**670**	--	5.6
	1/15/2021	Q1 2021	**700**	--	5.0	170	--	0.80	710	--	5.0	**620**	--	2.8
	10/23/2020	Q4 2020	**860**	--	2.5	230	--	4.0	**1,000**	--	2.5	**880**	--	10
	7/13/2020	Q3 2020	**1,700**	--	10	220	--	1.6	**1,800**	--	10	**840**	--	4
KAFB-106006	4/23/2021	Q2 2021	**160**	--	0.5	31	--	0.8	0.9	J	0.5	66	--	2.8
	10/29/2020	Q4 2020	**6.5**	--	0.50	4.0	--	0.80	4.3	--	0.50	11	--	2.0
	4/24/2020	Q2 2020	**11**	--	0.5	2	--	0.8	0.3	J	0.5	5	J	2
	11/4/2019	Q4 2019	3	--	0.5	1	--	0.8	3	--	0.5	4	J	2
KAFB-106008	4/20/2021	Q2 2021	**9,300**	--	50	420	--	8	**4,200**	--	50	**1,100**	--	28
	10/21/2020	Q4 2020	**11,000**	--	100	310	--	16	**5,500**	--	10	**870**	--	40
	4/16/2020	Q2 2020	**8,900**	--	100	380	--	16	**4,000**	--	10	**1,000**	--	40
	11/7/2019	Q4 2019	**3,400**	--	10	230	--	2	950	--	10	480	--	4
KAFB-106009	4/28/2021	Q2 2021	1.7	--	0.5	ND	U	0.8	0.25	J	0.5	ND	U	2.8
	1/11/2021	Q1 2021	3.3	--	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/12/2020	Q4 2020	ND	U	5.0	ND	U	8.0	ND	U	5.0	ND	U	20
	7/9/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
KAFB-106010	4/21/2021	Q2 2021	**2,600**	--	25	**890**	--	4	**5,700**	--	25	**1,800**	--	14
	10/22/2020	Q4 2020	**1,400**	--	5.0	510	--	8.0	**3,500**	--	50	**930**	--	20
	4/24/2020	Q2 2020	**600**	--	3	150	--	4	160	--	3	120	--	10
	11/5/2019	Q4 2019	**280**	--	5	190	--	0.8	180	--	0.5	150	--	2
KAFB-106011	4/2/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/1/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/17/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/14/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106012R	4/14/2021	Q2 2021	ND	U	0.5	ND	U	0.8	0.25	J	0.5	ND	U	2.8
	1/11/2021	Q1 2021	ND	U	0.50	ND	U	0.80	0.59	J	0.50	ND	U	2.8
	10/2/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/14/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	--	0.50	ND	U	2.0
KAFB-106013	4/6/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/12/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/13/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/15/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106014	4/20/2021	Q2 2021	**5,000**	--	25	**1,100**	--	4	**6,800**	--	25	**2,500**	--	14
	10/29/2020	Q4 2020	**6,100**	--	50	**800**	--	8.0	**6,300**	--	50	**1,900**	--	20
	4/24/2020	Q2 2020	**86**	--	0.5	8	--	0.8	76	--	0.5	16	--	2
	11/4/2019	Q4 2019	**15**	--	0.5	20	--	0.8	2	--	0.5	20	--	2
KAFB-106017	4/19/2021	Q2 2021	0.71	J	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/19/2020	Q4 2020	0.70	J	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/21/2020	Q2 2020	0.5	J	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/15/2019	Q4 2019	0.8	J	0.5	ND	U	0.8	ND	U	0.5	ND	U	2

Table 5-7
Historical BTEX Concentrations

Analyte:			Benzene			Ethylbenzene			Toluene			Xylenes, Total		
Project Screening Level[a]:			5 µg/L			700 µg/L			1,000 µg/L			620 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
KAFB-106018	4/26/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/28/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	5/8/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/15/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106028	4/20/2021	Q2 2021	**6,500**	--	50	**950**	--	8	**10,000**	--	50	**2,800**	--	28
	10/22/2020	Q4 2020	**5,100**	J	50	**840**	--	8.0	**10,000**	J	50	**2,600**	--	20
	4/10/2020	Q2 2020	**1,100**	--	5	190	--	0.8	180	--	0.5	42	--	2
	4/22/2019	Q2 2019	**220**	--	0.5	130	--	0.8	77	--	0.5	38	--	2
KAFB-106038	4/12/2021	Q2 2021	ND	U	0.5	ND	U	0.8	1	--	0.5	ND	U	2.8
	10/5/2020	Q4 2020	ND	UJ	0.5	ND	UJ	0.8	1.3	J	0.5	ND	UJ	2
	4/22/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/17/2019	Q4 2019	ND	U	0.5	ND	U	0.8	1	--	0.5	ND	U	2
KAFB-106059	4/22/2021	Q2 2021	**15,000**	--	50	**970**	--	8	**9,800**	--	50	**2,900**	--	28
	10/23/2020	Q4 2020	**15,000**	--	100	**1,000**	--	16	**12,000**	--	100	**3,300**	--	40
	5/6/2020	Q2 2020	**2,300**	--	13	580	--	20	**1,600**	--	13	**1,800**	--	50
	10/21/2019	Q4 2019	**13,000**	--	50	640	--	8	**12,000**	--	50	**2,000**	--	20
KAFB-106060	4/7/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/20/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/20/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/11/2019	Q4 2019	0.2	J	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106061	4/13/2021	Q2 2021	ND	U	0.5	ND	U	0.8	0.35	J	0.5	ND	U	2.8
	10/15/2020	Q4 2020	ND	U	0.50	ND	U	0.80	0.40	J	0.50	ND	U	2.0
	4/27/2020	Q2 2020	ND	U	0.5	ND	U	0.8	1	--	0.5	ND	U	2
	11/5/2019	Q4 2019	ND	U	0.5	ND	U	0.8	4	--	0.5	ND	U	2
KAFB-106062	4/2/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/20/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/21/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/14/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106063	4/1/2021	Q2 2021	**750**	--	10	360	--	1.6	3.9	--	1	**620**	--	5.6
	1/11/2021	Q1 2021	**1,700**	--	5	520	--	10	8.6	J	5	**1,400**	--	10
	10/14/2020	Q4 2020	**3,900**	--	50	**1,000**	--	8.0	**1,700**	--	5.0	**3,000**	--	20
	5/19/2020	Q2 2020	**5,700**	--	50	**1,700**	--	8	**18,000**	--	50	**5,100**	--	20
KAFB-106064	4/1/2021	Q2 2021	**3,600**	--	25	**2,000**	--	40	15	--	2.5	**5,900**	--	140
	1/11/2021	Q1 2021	**3,000**	--	50	**1,600**	--	10	49	--	5	**4,600**	--	10
	10/14/2020	Q4 2020	**3,700**	--	25	**1,200**	--	4.0	430	--	2.5	**4,100**	--	10
	5/19/2020	Q2 2020	**3,600**	--	25	**1,500**	--	40	380	--	3	**4,700**	--	100
KAFB-106065	4/16/2021	Q2 2021	0.25	J	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/19/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/22/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/11/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106066	4/16/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/16/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/22/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/10/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106067	4/16/2021	Q2 2021	**47**	--	0.5	39	--	0.8	7.6	--	0.5	11	--	2.8
	10/19/2020	Q4 2020	3.3	--	1.0	ND	U	1.6	ND	U	1.0	ND	U	4.0
	4/21/2020	Q2 2020	1	--	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/14/2019	Q4 2019	1	--	0.5	0.7	J	0.8	ND	U	0.5	ND	U	2

Table 5-7
Historical BTEX Concentrations

Analyte:			Benzene			Ethylbenzene			Toluene			Xylenes, Total		
Project Screening Level[a]:			5 µg/L			700 µg/L			1,000 µg/L			620 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
KAFB-106068	4/6/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/16/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/20/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/11/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106069	4/26/2021	Q2 2021	0.52	J	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/16/2020	Q4 2020	0.60	J	0.50	ND	U	0.80	0.64	J	0.50	ND	U	2.0
	4/23/2020	Q2 2020	0.2	J	0.5	ND	U	0.8	1	--	0.5	ND	U	2
	10/16/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106076	4/23/2021	Q2 2021	**13**	--	0.5	43	--	0.8	1.1	--	0.5	18	--	2.8
	10/30/2020	Q4 2020	**16**	--	0.50	67	--	0.80	9.8	--	0.50	150	--	2.0
	4/28/2020	Q2 2020	0.6	J	0.5	7	--	0.8	2	--	0.5	12	--	2
	10/16/2019	Q4 2019	1	--	0.5	37	--	0.8	ND	U	0.5	100	--	2
KAFB-106077	4/14/2021	Q2 2021	ND	U	0.5	ND	U	0.8	0.35	J	0.5	ND	U	2.8
	10/9/2020	Q4 2020	ND	U	0.50	ND	U	0.80	1.7	--	0.50	ND	U	2.0
	4/27/2020	Q2 2020	ND	U	0.5	ND	U	0.8	3	--	0.5	ND	U	2
	10/18/2019	Q4 2019	ND	U	0.5	ND	U	0.8	2	--	0.5	ND	U	2
KAFB-106078	4/19/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	10/20/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/21/2020	Q2 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
	10/15/2019	Q4 2019	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106079	4/22/2021	Q2 2021	**61**	--	0.5	4.8	--	0.8	8.3	--	0.5	5.3	J	2.8
	10/30/2020	Q4 2020	**5,400**	--	25	490	--	4.0	340	--	2.5	430	--	10
	4/10/2020	Q2 2020	1	--	0.5	0.5	J	0.8	0.3	J	0.5	ND	U	2
	10/23/2019	Q4 2019	**140**	--	0.5	34	--	0.8	66	--	0.5	79	--	2
KAFB-106080	4/28/2021	Q2 2021	**22**	--	0.5	ND	U	0.8	1.4	--	0.5	ND	U	2.8
	10/24/2020	Q4 2020	**82**	--	0.50	5.9	--	0.80	ND	U	1.0	1.5	J	2.8
	4/23/2020	Q2 2020	**8**	--	0.5	3	--	0.8	ND	U	0.5	ND	U	2
	10/16/2019	Q4 2019	**170**	--	0.5	9	--	0.8	ND	U	0.5	4	J	2
KAFB-106081	4/14/2021	Q2 2021	ND	U	0.5	ND	U	0.8	0.26	J	0.5	ND	U	2.8
	10/15/2020	Q4 2020	ND	U	0.50	ND	U	0.80	0.49	J	0.50	ND	U	2.0
	4/29/2020	Q2 2020	ND	U	0.5	ND	U	0.8	0.7	J	0.5	ND	U	2
	10/18/2019	Q4 2019	ND	U	0.5	ND	U	0.8	1	--	0.5	ND	U	2
KAFB-106097	4/7/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/12/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/13/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/16/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106098	4/6/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/12/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/13/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/15/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106099	4/8/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/13/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/16/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106100	4/8/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/13/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/16/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2

Table 5-7
Historical BTEX Concentrations

Analyte:			Benzene			Ethylbenzene			Toluene			Xylenes, Total		
Project Screening Level[a]:			5 µg/L			700 µg/L			1,000 µg/L			620 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
KAFB-106101	4/5/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/13/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/15/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106102	4/5/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/14/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/15/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/15/2020	Q3 2020	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2
KAFB-106149-484	4/14/2021	Q2 2021	**16,000**	--	50	**1,000**	--	8	**21,000**	--	50	**3,800**	--	28
	10/21/2020	Q4 2020	**1,500**	--	2.5	390	--	4.0	**3,900**	--	25	**2,200**	--	10
	4/16/2020	Q2 2020	**1,900**	--	25	270	--	4	**3,300**	--	25	**1,200**	--	10
	4/16/2019	Q2 2019	**26,000**	--	250	**1,600**	--	400	**33,000**	--	250	**6,000**	--	1,000
KAFB-106151-484	4/14/2021	Q2 2021	**290**	--	5	280	--	0.8	0.35	J	0.5	24	--	2.8
	10/21/2020	Q4 2020	0.38	J	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	4/16/2020	Q2 2020	**2,100**	--	25	690	--	4	**1,700**	--	25	**890**	--	10
	11/1/2019	Q4 2019	**1,100**	--	10	540	--	2	20	--	1	230	--	4
KAFB-106152-484	4/14/2021	Q2 2021	**6,900**	--	25	570	--	4	**4,500**	--	25	**1,500**	--	14
	10/21/2020	Q4 2020	**59**	--	0.50	18	--	0.80	0.65	J	0.50	6.5	--	2.0
	4/16/2020	Q2 2020	**540**	--	5	310	--	8	26	--	0.5	320	--	20
	11/1/2019	Q4 2019	**1,500**	--	3	330	--	4	850	--	3	360	--	10
KAFB-106153-484	4/26/2021	Q2 2021	**11,000**	--	25	370	--	4	**9,800**	--	25	**1,600**	--	14
	10/21/2020	Q4 2020	**14,000**	--	100	320	--	16	**10,000**	--	100	**1,500**	--	40
	4/16/2020	Q2 2020	**8,300**	--	100	380	--	16	**7,800**	--	100	**1,700**	--	40
	11/1/2019	Q4 2019	**9,000**	--	100	400	--	16	**7,100**	--	100	**1,800**	--	40
KAFB-106240-449	4/13/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/7/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/15/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/8/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
KAFB-106244-445	4/13/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/7/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/8/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
KAFB-106245-460	4/13/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/7/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/9/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2
KAFB-106247-450	4/13/2021	Q2 2021	ND	U	2.5	ND	U	4	ND	U	2.5	ND	U	14
	1/7/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/14/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/8/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
KAFB-106248-452	4/5/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
KAFB-106249-450	4/21/2021	Q2 2021	ND	U	0.5	ND	U	0.8	0.31	J	0.5	ND	U	2.8
KAFB-106250-447	4/22/2021	Q2 2021	**5.8**	--	0.5	1.4	--	0.8	0.62	J	0.5	2.5	J	2.8
KAFB-106251-443	4/22/2021	Q2 2021	ND	U	0.5	ND	U	0.8	0.2	J	0.5	ND	U	2.8
KAFB-106252-425	3/23/2021	Q2 2021	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	2.8

Table 5-7
Historical BTEX Concentrations

Analyte:			Benzene			Ethylbenzene			Toluene			Xylenes, Total		
Project Screening Level[a]:			5 µg/L			700 µg/L			1,000 µg/L			620 µg/L		
Well Location ID	Sample Date	Sampling Quarter[b]	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
KAFB-106S1-447	4/14/2021	Q2 2021	**5,900**	--	25	520	--	4	**6,900**	--	25	**2,400**	--	14
	1/7/2021	Q1 2021	**5,400**	--	50	500	--	8	**5,900**	--	50	**2,300**	--	28
	10/21/2020	Q4 2020	**1,700**	--	50	590	--	80	**4,000**	--	50	**3,000**	--	200
	7/10/2020	Q3 2020	**5,000**	--	50	500	J	8	**6,300**	--	50	**2,800**	J	20
KAFB-106S2-451	4/14/2021	Q2 2021	**670**	--	5	88	--	0.8	29	--	0.5	540	--	28
	1/7/2021	Q1 2021	**1,300**	--	10	65	J	1.6	70	J	1	**820**	J	5.6
	10/22/2020	Q4 2020	**730**	--	2.5	18	--	4.0	54	--	2.5	550	--	10
	7/10/2020	Q3 2020	**1,100**	--	5	130	--	8	320	--	5	**1,200**	--	20
KAFB-106S3-449	4/14/2021	Q2 2021	**3,300**	--	10	**830**	--	16	77	--	1	**2,600**	--	56
	1/8/2021	Q1 2021	**1,800**	--	5	240	--	0.8	38	--	0.5	**1,100**	--	28
	10/22/2020	Q4 2020	**540**	--	1.0	12	--	1.6	5.1	--	1.0	**730**	--	40
	7/10/2020	Q3 2020	**200**	--	5	24	--	8	5	J	5	450	--	20
KAFB-106S4-446	4/13/2021	Q2 2021	ND	U	0.5	ND	U	0.8	ND	U	0.5	ND	U	2.8
	1/7/2021	Q1 2021	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.8
	10/22/2020	Q4 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
	7/9/2020	Q3 2020	ND	U	0.50	ND	U	0.80	ND	U	0.50	ND	U	2.0
KAFB-106S5-446	4/13/2021	Q2 2021	**1,900**	--	25	**1,800**	--	40	**10,000**	--	25	**4,300**	--	14
	1/8/2021	Q1 2021	**2,100**	--	25	**1,700**	--	40	**10,000**	--	25	**4,000**	--	140
	10/22/2020	Q4 2020	**1,300**	--	5.0	**1,200**	--	8.0	**7,000**	--	50	**2,700**	--	20
	7/10/2020	Q3 2020	**990**	--	10	**1,300**	--	16	**3,400**	--	10	**2,400**	--	40
KAFB-106S7-451	4/13/2021	Q2 2021	**650**	--	5	310	--	8	180	--	0.5	**980**	--	28
	1/8/2021	Q1 2021	**190**	--	0.5	450	--	8	350	--	5	**1,500**	--	28
	10/22/2020	Q4 2020	**310**	--	2.5	**700**	--	4.0	**1,600**	--	25	**2,100**	--	10
	7/10/2020	Q3 2020	**520**	--	5	**1,000**	--	8	**1,700**	--	5	**3,300**	--	20
KAFB-106S8-451	4/14/2021	Q2 2021	**7,900**	--	25	520	--	4	**8,700**	--	25	**3,900**	--	14
	1/7/2021	Q1 2021	**4,800**	--	50	100	--	8	**1,100**	--	5	**1,600**	--	28
	10/21/2020	Q4 2020	**770**	J	2.5	15	--	4	390	J	2.5	130	--	10
	7/10/2020	Q3 2020	**5,000**	--	50	150	--	80	**3,300**	--	50	**2,000**	--	200
KAFB-106S9-447	4/14/2021	Q2 2021	**7,400**	--	25	**790**	--	4	**3,600**	--	25	**1,800**	--	14
	1/8/2021	Q1 2021	**3,600**	--	25	500	--	4	350	--	2.5	**920**	--	14
	10/21/2020	Q4 2020	**36**	--	0.50	52	--	0.80	1.9	--	0.50	65	--	2.0
	7/10/2020	Q3 2020	**4,200**	--	50	620	--	8	**1,700**	--	5	**1,300**	--	20
KAFB-106S10-443	4/19/2021	Q2 2021	**12,000**	--	50	650	J	8	**17,000**	--	50	**2,700**	--	28
	1/15/2021	Q1 2021	**11,000**	--	25	670	--	4	**17,000**	--	250	**3,000**	--	14

Table 5-7
Historical BTEX Concentrations

[a] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level will be the EPA Tapwater RSL. For benzene, ethylbenzene, and toluene, the project screening level is the EPA MCL. For total xylenes, the project screening level is the NM WQCC numeric standard.

[b] Data presented include results from the current quarter along with the three most recent historical results. Where wells do not have at least three historical results, the results from each quarter of sampling are provided.

µg/L = microgram per liter
AFB = Air Force Base
BTEX = benzene, toluene, ethylbenzene, and total xylenes
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
ND = not detected
NM = New Mexico
Q1 = first quarter
Q2 = second quarter
Q3 = third quarter
Q4 = fourth quarter
RSL = regional screening level
Val Qual = validation qualifier
WQCC = New Mexico Water Quality Control Commission
Shading = detected concentrations
Bold = concentrations exceed the project screening level
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106001			KAFB-106002			KAFB-106003		
			Field Sample ID:				GW001-212			GW002-212			GW003-212		
			Sample Date:				4/27/2021			4/15/2021			4/7/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				488			493.89			481		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	45	--	0.15	57	--	0.15	96	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	6.7	--	0.075	8.7	--	0.075	15	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.0044	J	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.5	--	0.45	2.7	--	0.45	3.6	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	25	--	0.5	33	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00079	J	0.0016	0.00085	J	0.0016	0.00092	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00012	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	8	--	1.5	47	--	15	89	--	15
		Sulfate	600	250	NS	250	28	--	4.5	46	--	4.5	140	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.12	--	0.09	1.9	--	0.09	2.2	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	140	--	6	130	--	6	97	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	140	--	6	130	--	6	97	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106004			KAFB-106005			KAFB-106006		
			Field Sample ID:				GW004-212			GW005-212			GW006-212		
			Sample Date:				4/8/2021			4/21/2021			4/23/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				489			483.87			488.68		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	42	--	0.15	160	--	0.15	86	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	0.36	--	0.1	0.77	--	0.1
		Magnesium	NS	NS	NS	NS	6.4	--	0.075	29	--	0.075	13	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.0035	J	0.0052	**2.8**	--	0.0052	**2.2**	--	0.0052
		Potassium	NS	NS	NS	NS	2.6	--	0.45	4	--	0.45	3	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	71	--	0.5	33	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0016	J	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00021	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.7	J	2	2.8	--	2	ND	U	2
		Chloride	250	NS	NS	250	26	--	1.5	210	--	60	11	--	1.5
		Sulfate	600	250	NS	250	46	--	4.5	ND	U	4.5	ND	U	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.2	J	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	400	--	6	320	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	400	--	6	320	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106007			KAFB-106008			KAFB-106008		
			Field Sample ID:				GW007-212			GW008-212			GW008-612		
			Sample Date:				4/14/2021			4/20/2021			4/20/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				490.66			490.92			490.92		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	33	--	0.15	140	--	0.15	130	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	**7**	--	0.1	**6.8**	--	0.1
		Magnesium	NS	NS	NS	NS	4.7	--	0.075	23	--	0.075	22	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	**5.9**	--	0.0052	**6**	--	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	3.6	--	0.45	3.5	--	0.45
		Sodium	NS	NS	NS	NS	23	--	0.5	38	--	0.5	38	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.0017	J	0.0016	0.0016	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00066	--	0.00025	0.00031	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	9.2	--	1.5	52	--	6	53	--	6
		Sulfate	600	250	NS	250	28	--	4.5	ND	U	4.5	6.8	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.36	--	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	390	--	6	390	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	390	--	6	390	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106009			KAFB-106010			KAFB-106011		
			Field Sample ID:				GW009-212			GW010-212			GW011-212		
			Sample Date:				4/28/2021			4/21/2021			4/2/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				485.69			485			501.55		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	170	--	0.15	65	--	0.15	200	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.1	J	0.1	**1.3**	--	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	25	--	0.075	10	--	0.075	27	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**1.2**	--	0.0052	**1.6**	--	0.0052	0.018	--	0.0052
		Potassium	NS	NS	NS	NS	4.8	--	0.45	3	--	0.45	4.6	--	0.45
		Sodium	NS	NS	NS	NS	50	--	0.5	30	--	0.5	51	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.0001	J	0.00025	0.00015	J	0.00025	0.00015	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	2.3	J	2	ND	U	2	3	--	2
		Chloride	250	NS	NS	250	150	--	15	23	--	1.5	190	--	15
		Sulfate	600	250	NS	250	240	--	45	2.5	J	4.5	**260**	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.48	--	0.09	0.046	J	0.09	7.5	--	0.18
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	160	--	6	230	--	6	130	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	160	--	6	230	--	6	130	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106012R			KAFB-106013			KAFB-106014		
			Field Sample ID:				GW012R-212			GW013-212			GW014-212		
			Sample Date:				4/14/2021			4/6/2021			4/20/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				470.5			492			491		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	160	--	0.15	51	--	0.15	210	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	**4**	--	0.1
		Magnesium	NS	NS	NS	NS	24	--	0.075	7.1	--	0.075	33	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	0.0045	J	0.0052	**5.5**	--	0.0052
		Potassium	NS	NS	NS	NS	4.9	--	0.45	2.7	--	0.45	5	--	0.45
		Sodium	NS	NS	NS	NS	75	--	0.5	26	--	0.5	49	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.0013	J	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00013	J	0.00025	0.0016	--	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.9	J	2	ND	UJ	2	2.9	--	2
		Chloride	250	NS	NS	250	160	--	15	23	--	1.5	190	--	75
		Sulfate	600	250	NS	250	**300**	--	45	49	--	4.5	ND	U	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	4.4	--	0.45	0.84	--	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	120	--	6	480	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	120	--	6	480	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106014			KAFB-106015			KAFB-106016		
			Field Sample ID:				GW014-612			GW015-212			GW016-212		
			Sample Date:				4/20/2021			4/1/2021			4/15/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				491			488.22			490.79		
			Reference Elevation Interval (ft AMSL):				4857			4857 & 4838			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	200	--	0.15	41	--	0.15	34	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	**4.1**	--	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	32	--	0.075	5.3	--	0.075	5.2	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**5.5**	--	0.0052	0.0033	J	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	4.9	--	0.45	2.2	--	0.45	1.9	--	0.45
		Sodium	NS	NS	NS	NS	49	--	0.5	20	--	0.5	19	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00076	J	0.0016	0.00085	J	0.0016	0.0012	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.0015	--	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	3	--	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	200	--	75	18	--	1.5	8.4	--	1.5
		Sulfate	600	250	NS	250	1.6	J	4.5	28	--	4.5	27	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.31	--	0.09	0.16	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	480	--	6	110	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	480	--	6	110	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106016			KAFB-106017			KAFB-106018		
			Field Sample ID:				GW016-612			GW017-212			GW018-212		
			Sample Date:				4/15/2021			4/19/2021			4/26/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				490.79			498.11			481		
			Reference Elevation Interval (ft AMSL):				4857			4857 & 4838			4857 & 4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	34	--	0.15	50	--	0.15	58	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	0.16	J	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.2	--	0.075	7	--	0.075	8.5	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	0.18	--	0.0052	**0.48**	--	0.0052
		Potassium	NS	NS	NS	NS	2	--	0.45	2.5	--	0.45	2.9	--	0.45
		Sodium	NS	NS	NS	NS	20	--	0.5	26	--	0.5	26	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.00074	J	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	0.00011	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	7.8	--	1.5	11	--	1.5	38	--	15
		Sulfate	600	250	NS	250	27	--	4.5	29	--	4.5	67	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.16	--	0.09	ND	U	0.09	0.87	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	140	--	6	120	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	140	--	6	120	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106019			KAFB-106020			KAFB-106021		
			Field Sample ID:				GW019-212			GW020-212			GW021-212		
			Sample Date:				4/26/2021			4/27/2021			4/6/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				498			484			458.7		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857 & 4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	42	--	0.15	51	--	0.15	30	J	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.7	--	0.075	7.3	--	0.075	3.1	J	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.0038	J	0.0052	0.0063	J	0.0052	0.0039	J	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	2.5	--	0.45	2.3	--	0.45
		Sodium	NS	NS	NS	NS	24	--	0.5	24	--	0.5	14	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00098	J	0.0016	0.0037	--	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00022	J	0.00025	0.00039	J	0.00025	0.00024	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	12	--	1.5	25	--	1.5	14	J	1.5
		Sulfate	600	250	NS	250	33	--	4.5	58	--	4.5	21	J	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.92	--	0.18	0.74	--	0.18	0.31	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	69	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	69	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106022			KAFB-106023			KAFB-106024		
			Field Sample ID:				GW022-212			GW023-212			GW024-212		
			Sample Date:				4/8/2021			4/9/2021			4/7/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				462.7			473.74			493.5		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	52	--	0.15	39	--	0.15	37	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.2	--	0.075	5.6	--	0.075	5.8	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.13	--	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.5	--	0.45	2.4	--	0.45	2.3	--	0.45
		Sodium	NS	NS	NS	NS	25	--	0.5	28	--	0.5	20	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00074	J	0.0016	0.0021	--	0.0016	0.0012	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	8.4E-05	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.6	J	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	43	--	15	20	--	1.5	9.5	J	1.5
		Sulfate	600	250	NS	250	47	--	4.5	40	--	4.5	29	J	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.54	--	0.09	0.082	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	120	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	120	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106025			KAFB-106026			KAFB-106027		
			Field Sample ID:				GW025-212			GW026-212			GW027-212		
			Sample Date:				4/5/2021			4/2/2021			4/2/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				465.7			466.7			494.16		
			Reference Elevation Interval (ft AMSL):				4857 & 4838			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	61	J	0.15	59	--	0.15	41	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.7	--	0.075	8.1	--	0.075	6.2	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	4.8	--	0.45	2.8	--	0.45	2.3	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	29	--	0.5	24	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00079	J	0.0016	0.00084	J	0.0016	0.0014	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00013	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	4	1.4	J	2	ND	U	2
		Chloride	250	NS	NS	250	58	--	3	56	--	6	20	--	1.5
		Sulfate	600	250	NS	250	73	--	9	59	--	4.5	39	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.7	--	0.09	1.4	--	0.09	3.8	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	89	--	6	86	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	89	J	6	86	--	6	100	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106028			KAFB-106029			KAFB-106030		
			Field Sample ID:				GW028-212			GW029-212			GW030-212		
			Sample Date:				4/20/2021			4/6/2021			4/6/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				488			451.5			470.2		
			Reference Elevation Interval (ft AMSL):				4857			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	140	--	0.15	67	--	0.15	72	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	**4**	--	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	23	--	0.075	10	--	0.075	9.9	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**4.2**	--	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	4.2	--	0.45	3.1	--	0.45	3	--	0.45
		Sodium	NS	NS	NS	NS	43	--	0.5	27	--	0.5	29	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.0011	J	0.0016	0.00099	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00048	J	0.00025	8.8E-05	J	0.00025	9.2E-05	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	110	--	75	89	--	15	59	--	15
		Sulfate	600	250	NS	250	1.7	J	4.5	120	--	45	69	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	1.7	--	0.09	1.9	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	430	--	6	89	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	430	--	6	89	--	6	100	--	6

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Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106031			KAFB-106032			KAFB-106033		
			Field Sample ID:				GW031-212			GW032-212			GW033-212		
			Sample Date:				4/6/2021			4/8/2021			4/8/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				496.5			456.7			477.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	110	--	0.15	80	--	0.15	110	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	15	--	0.075	12	J	0.075	16	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	0.0045	J	0.0052
		Potassium	NS	NS	NS	NS	3.9	--	0.45	3.1	--	0.45	3.4	--	0.45
		Sodium	NS	NS	NS	NS	37	--	0.5	28	--	0.5	30	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00091	J	0.0016	0.0012	J	0.0016	0.00091	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	1.6	J	2	1.6	J	2
		Chloride	250	NS	NS	250	59	--	15	88	--	15	61	--	7.5
		Sulfate	600	250	NS	250	94	--	45	140	--	45	97	--	23
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.5	--	0.09	2.2	J	0.09	1.8	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	82	--	6	90	--	6	79	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	82	--	6	90	--	6	79	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106034			KAFB-106035			KAFB-106036		
			Field Sample ID:				GW034-212			GW035-212			GW036-212		
			Sample Date:				4/8/2021			4/9/2021			4/9/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				502.7			452.83			482.58		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	59	--	0.15	47	--	0.15	41	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	8.7	--	0.075	6.9	--	0.075	6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.6	--	0.45	2.6	--	0.45	2.3	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	28	--	0.5	25	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00086	J	0.0016	0.00087	J	0.0016	0.00099	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.5	J	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	49	--	7.5	7.3	--	1.5	15	--	1.5
		Sulfate	600	250	NS	250	82	--	23	24	--	4.5	38	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.2	--	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	89	--	6	140	--	6	130	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	89	--	6	140	--	6	130	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106037			KAFB-106037			KAFB-106038		
			Field Sample ID:				GW037-212			GW037-612			GW038-212		
			Sample Date:				4/9/2021			4/9/2021			4/12/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				507.75			507.75			483.5		
			Reference Elevation Interval (ft AMSL):				4838			4838			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	41	--	0.15	42	--	0.15	88	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.9	--	0.075	6	--	0.075	12	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.5	--	0.45	2.5	--	0.45	3.3	--	0.45
		Sodium	NS	NS	NS	NS	25	--	0.5	26	--	0.5	37	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00088	J	0.0016	0.0011	J	0.0016	0.0014	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	17	--	1.5	13	--	1.5	53	--	15
		Sulfate	600	250	NS	250	38	--	4.5	29	--	4.5	42	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.32	--	0.09	0.33	--	0.09	2.9	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	120	--	6	120	--	6	130	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	120	--	6	120	--	6	130	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106039			KAFB-106040			KAFB-106041		
			Field Sample ID:				GW039-212			GW040-212			GW041-212		
			Sample Date:				4/12/2021			4/12/2021			4/5/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				513.5			535.5			449.7		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	86	--	0.15	53	--	0.15	63	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	12	--	0.075	7.3	--	0.075	8.7	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.1	--	0.45	2.6	--	0.45	3.5	--	0.45
		Sodium	NS	NS	NS	NS	35	--	0.5	28	--	0.5	29	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00084	J	0.0016	0.00078	J	0.0016	0.0009	J	0.0016
		Lead	0.015	0.015	0.015	0.015	7.4E-05	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	4
		Chloride	250	NS	NS	250	26	--	1.5	24	--	1.5	44	--	3
		Sulfate	600	250	NS	250	30	--	4.5	58	--	4.5	80	--	9
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	2.6	--	0.09	0.76	--	0.09	1.1	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	120	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	120	--	6	100	--	6

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Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106042			KAFB-106043			KAFB-106044		
			Field Sample ID:				GW042-212			GW043-212			GW044-212		
			Sample Date:				4/5/2021			4/5/2021			4/2/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				469.7			543.7			514.84		
			Reference Elevation Interval (ft AMSL):				4857			4814			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	56	--	0.15	53	--	0.15	36	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.6	--	0.075	7.3	--	0.075	5.4	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.2	--	0.45	2.9	--	0.45	2	--	0.45
		Sodium	NS	NS	NS	NS	26	--	0.5	27	--	0.5	22	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00089	J	0.0016	0.00088	J	0.0016	0.0015	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	9.7E-05	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	43	J	60	34	--	15	16	--	6
		Sulfate	600	250	NS	250	74	--	4.5	69	--	4.5	32	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.78	--	0.09	0.91	--	0.09	2.3	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	97	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	97	--	6	100	--	6

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Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106044			KAFB-106045			KAFB-106046		
			Field Sample ID:				GW044-612			GW045-212			GW046-212		
			Sample Date:				4/2/2021			4/13/2021			4/2/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				514.84			533.72			500		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	35	--	0.15	30	--	0.15	39	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.2	--	0.075	4.4	--	0.075	5.5	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	1.9	--	0.45	2	--	0.45	2.1	--	0.45
		Sodium	NS	NS	NS	NS	21	--	0.5	20	--	0.5	24	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0013	J	0.0016	0.0013	J	0.0016	0.00097	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	28	J	6	6.7	--	1.5	10	J	1.5
		Sulfate	600	250	NS	250	33	--	4.5	27	--	4.5	28	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	2.3	--	0.09	ND	U	0.09	0.44	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	100	--	6	140	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	100	--	6	140	--	6

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Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106047			KAFB-106048			KAFB-106049		
			Field Sample ID:				GW047-212			GW048-212			GW049-212		
			Sample Date:				4/2/2021			4/14/2021			4/8/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				519.5			538			457.5		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	37	--	0.15	33	--	0.15	180	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.1	--	0.075	4.7	--	0.075	26	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.1	--	0.45	2	--	0.45	4.3	--	0.45
		Sodium	NS	NS	NS	NS	23	--	0.5	22	--	0.5	37	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00098	J	0.0016	0.0013	J	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00014	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	1.8	J	2
		Chloride	250	NS	NS	250	12	--	1.5	9.3	--	1.5	150	--	15
		Sulfate	600	250	NS	250	31	--	4.5	28	--	4.5	**390**	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.62	--	0.09	0.43	--	0.09	4.4	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	120	--	6	110	--	6	75	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	120	--	6	110	--	6	75	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106050			KAFB-106051			KAFB-106051		
			Field Sample ID:				GW050-212			GW051-212			GW051-612		
			Sample Date:				4/8/2021			4/8/2021			4/8/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				475.1			501.5			501.5		
			Reference Elevation Interval (ft AMSL):				4838			4814			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	71	--	0.15	76	--	0.15	75	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	10	--	0.075	11	--	0.075	11	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.2	--	0.45	3.2	--	0.45	3.1	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	29	--	0.5	29	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00082	J	0.0016	0.00079	J	0.0016	0.00076	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.7	J	2	1.6	J	2	1.5	J	2
		Chloride	250	NS	NS	250	88	--	15	69	--	7.5	66	--	7.5
		Sulfate	600	250	NS	250	79	--	45	99	--	23	89	--	23
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	2.4	--	0.09	1.9	--	0.09	1.9	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	81	--	6	85	--	6	85	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	81	--	6	85	--	6	85	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106052			KAFB-106053			KAFB-106054		
			Field Sample ID:				GW052-212			GW053-212			GW054-212		
			Sample Date:				4/8/2021			4/8/2021			4/8/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				450.3			479.1			504.7		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	87	--	0.15	87	--	0.15	64	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	12	--	0.075	12	--	0.075	9.1	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.4	--	0.45	3.3	--	0.45	3.4	--	0.45
		Sodium	NS	NS	NS	NS	30	--	0.5	29	--	0.5	28	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00075	J	0.0016	0.00089	J	0.0016	0.00071	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.6	J	2	1.6	J	2	ND	U	2
		Chloride	250	NS	NS	250	78	--	15	68	--	7.5	49	--	30
		Sulfate	600	250	NS	250	130	--	45	110	--	23	54	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	2.5	--	0.09	2.2	--	0.09	1.8	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	86	--	6	89	--	6	89	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	86	--	6	89	--	6	89	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106055			KAFB-106057			KAFB-106058		
			Field Sample ID:				GW055-212			GW057-212			GW058-212		
			Sample Date:				4/5/2021			4/5/2021			4/5/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				466.5			485.6			512.5		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	63	--	0.15	40	--	0.15	34	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	8.2	--	0.075	5.5	--	0.075	4.9	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.005	J	0.0052	ND	U	0.0052	0.0039	J	0.0052
		Potassium	NS	NS	NS	NS	2.7	--	0.45	2.3	--	0.45	2.3	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	22	--	0.5	23	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.001	J	0.0016	0.00097	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	36	J	30	14	--	1.5	10	--	1.5
		Sulfate	600	250	NS	250	52	--	4.5	33	--	4.5	49	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.12	--	0.09	0.08	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106059			KAFB-106060			KAFB-106061		
			Field Sample ID:				GW059-212			GW060-212			GW061-212		
			Sample Date:				4/22/2021			4/7/2021			4/13/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				488.46			510.5			575.2		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	86	--	0.15	67	--	0.15	31	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	**5.4**	--	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	15	--	0.075	10	--	0.075	4.4	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**2.6**	--	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.1	--	0.45	3.1	--	0.45	2	--	0.45
		Sodium	NS	NS	NS	NS	31	--	0.5	29	--	0.5	22	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.003	--	0.0016	ND	U	0.0016	0.0018	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00027	J	0.00025	ND	U	0.00025	7.2E-05	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	24	--	1.5	12	--	1.5	6.9	--	1.5
		Sulfate	600	250	NS	250	ND	U	4.5	34	--	4.5	26	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.18	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	320	--	6	220	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	320	--	6	220	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106062			KAFB-106063			KAFB-106064		
			Field Sample ID:				GW062-212			GW063-212			GW064-212		
			Sample Date:				4/2/2021			4/1/2021			4/1/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				585.77			510.13			490.08		
			Reference Elevation Interval (ft AMSL):				4814			4838			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	33	--	0.15	98	--	0.15	150	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.06	J	0.1	**1.9**	--	0.1	**7.5**	--	0.1
		Magnesium	NS	NS	NS	NS	4.6	--	0.075	17	--	0.075	25	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	**4.3**	--	0.0052	**7.9**	--	0.0052
		Potassium	NS	NS	NS	NS	2	--	0.45	3.2	--	0.45	4.7	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	36	--	0.5	89	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.0024	--	0.0016	0.003	--	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00015	J	0.00025	0.00026	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	8.1	--	1.5	65	--	6	56	--	6
		Sulfate	600	250	NS	250	28	--	4.5	4.4	J	4.5	5.4	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.058	J	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	290	--	6	560	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	290	--	6	560	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106065			KAFB-106066			KAFB-106067		
			Field Sample ID:				GW065-212			GW066-212			GW067-212		
			Sample Date:				4/16/2021			4/16/2021			4/16/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				515.5			583.1			495		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	74	--	0.15	32	--	0.15	60	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.78	--	0.1	ND	U	0.1	0.3	--	0.1
		Magnesium	NS	NS	NS	NS	12	--	0.075	4.5	--	0.075	10	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**2**	--	0.0052	ND	U	0.0052	**1.6**	--	0.0052
		Potassium	NS	NS	NS	NS	2.9	--	0.45	1.8	--	0.45	2.8	--	0.45
		Sodium	NS	NS	NS	NS	33	--	0.5	21	--	0.5	30	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.0012	J	0.0016	0.00087	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	20	--	1.5	7.7	--	1.5	21	--	1.5
		Sulfate	600	250	NS	250	37	--	4.5	27	--	4.5	22	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.14	--	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	240	--	6	110	--	6	220	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	240	--	6	110	--	6	220	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106068			KAFB-106069			KAFB-106070		
			Field Sample ID:				GW068-212			GW069-212			GW070-212		
			Sample Date:				4/6/2021			4/26/2021			4/12/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				587.5			508			460.7		
			Reference Elevation Interval (ft AMSL):				4814			4838			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	34	--	0.15	70	--	0.15	78	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	0.083	J	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.5	--	0.075	9.8	--	0.075	11	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	**0.47**	--	0.0052	0.0092	J	0.0052
		Potassium	NS	NS	NS	NS	2.1	--	0.45	3	--	0.45	3	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	31	--	0.5	30	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.0009	J	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00015	J	0.00025	0.00012	J	0.00025	0.00011	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	UJ	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	8.3	--	1.5	53	--	30	96	--	30
		Sulfate	600	250	NS	250	28	--	4.5	39	--	4.5	61	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.11	--	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	160	--	6	130	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	160	--	6	130	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106070			KAFB-106071			KAFB-106072		
			Field Sample ID:				GW070-612			GW071-212			GW072-212		
			Sample Date:				4/12/2021			4/12/2021			4/12/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				460.7			548.7			475.7		
			Reference Elevation Interval (ft AMSL):				4857			4814			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	82	--	0.15	32	--	0.15	39	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	11	--	0.075	4.5	--	0.075	5.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.018	--	0.0052	ND	U	0.0052	0.013	--	0.0052
		Potassium	NS	NS	NS	NS	3.1	--	0.45	1.9	--	0.45	2.1	--	0.45
		Sodium	NS	NS	NS	NS	31	--	0.5	20	--	0.5	22	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0009	J	0.0016	0.0012	J	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00017	J	0.00025	0.00011	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	0.4	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	91	--	3	9.6	--	1.5	19	--	1.5
		Sulfate	600	250	NS	250	61	--	9	27	--	4.5	33	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.041	J	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	120	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	120	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106073			KAFB-106074			KAFB-106075		
			Field Sample ID:				GW073-212			GW074-212			GW075-212		
			Sample Date:				4/15/2021			4/15/2021			4/29/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				502			572			482		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	61	--	0.15	33	--	0.15	87	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	9	--	0.075	4.7	--	0.075	13	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	0.036	--	0.0052
		Potassium	NS	NS	NS	NS	3	--	0.45	2.1	--	0.45	3.6	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	22	--	0.5	33	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00085	J	0.0016	0.0012	J	0.0016	0.00081	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.0001	J	0.00025	7.5E-05	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	27	--	1.5	8.3	--	1.5	90	--	15
		Sulfate	600	250	NS	250	75	--	4.5	28	--	4.5	89	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.86	--	0.09	0.093	J	0.09	1.9	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	130	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	130	--	6	110	--	6	130	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106076			KAFB-106076			KAFB-106077		
			Field Sample ID:				GW076-212			GW076-612			GW077-212		
			Sample Date:				4/23/2021			4/23/2021			4/14/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				482			482			506		
			Reference Elevation Interval (ft AMSL):				4857			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	47	--	0.15	47	--	0.15	30	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.082	J	0.1	0.11	J	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7	--	0.075	7	--	0.075	4.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**0.53**	--	0.0052	**0.52**	--	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.5	--	0.45	2.5	--	0.45	2.1	--	0.45
		Sodium	NS	NS	NS	NS	23	--	0.5	23	--	0.5	20	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	ND	U	0.0016	0.0013	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.001	ND	U	0.00098	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	11	J	1.5	11	--	1.5	7.1	--	1.5
		Sulfate	600	250	NS	250	11	J	4.5	10	--	4.5	27	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.081	J	0.09	0.061	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	170	--	6	170	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	170	--	6	170	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106078			KAFB-106079			KAFB-106080		
			Field Sample ID:				GW078-212			GW079-212			GW080-212		
			Sample Date:				4/19/2021			4/22/2021			4/28/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				581			488.83			508		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	32	--	0.15	140	--	0.15	120	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	**1.5**	--	0.1	**1.7**	--	0.1
		Magnesium	NS	NS	NS	NS	4.4	--	0.075	24	--	0.075	22	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	**4.7**	--	0.0052	**4.3**	--	0.0052
		Potassium	NS	NS	NS	NS	2	--	0.45	3.8	--	0.45	3.9	--	0.45
		Sodium	NS	NS	NS	NS	21	--	0.5	42	--	0.5	41	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.0022	--	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00043	J	0.00025	0.00038	J	0.00025	0.00014	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	2.3	J	2	2.3	J	2
		Chloride	250	NS	NS	250	6.8	--	1.5	140	--	15	130	--	15
		Sulfate	600	250	NS	250	26	--	4.5	43	--	4.5	56	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	310	--	6	250	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	310	--	6	250	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106081			KAFB-106082			KAFB-106083		
			Field Sample ID:				GW081-212			GW082-212			GW083-212		
			Sample Date:				4/14/2021			4/9/2021			4/9/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				580			474			497.5		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	33	--	0.15	65	--	0.15	39	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.8	--	0.075	9.7	--	0.075	5.7	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	0.095	--	0.0052	0.059	--	0.0052
		Potassium	NS	NS	NS	NS	2.1	--	0.45	3.1	--	0.45	2.4	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	30	--	0.5	24	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0014	J	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	7.1E-05	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	11	--	1.5	46	--	30	14	--	1.5
		Sulfate	600	250	NS	250	27	--	4.5	52	--	4.5	35	--	9
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.11	--	0.09	0.04	J	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	140	--	6	120	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	140	--	6	120	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106084			KAFB-106085			KAFB-106085		
			Field Sample ID:				GW084-212			GW085-212			GW085-612		
			Sample Date:				4/9/2021			4/12/2021			4/12/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				572			447.2			447.2		
			Reference Elevation Interval (ft AMSL):				4814			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	32	--	0.15	57	--	0.15	59	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.8	--	0.075	8.3	--	0.075	8.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	0.11	--	0.0052	0.12	--	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	2.7	--	0.45	2.8	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	26	--	0.5	27	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.001	J	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00011	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	7.3	--	1.5	49	--	15	51	--	15
		Sulfate	600	250	NS	250	28	--	4.5	59	--	4.5	64	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.049	J	0.09	0.48	--	0.09	0.47	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106086			KAFB-106087			KAFB-106088		
			Field Sample ID:				GW086-212			GW087-212			GW088-212		
			Sample Date:				4/12/2021			4/12/2021			4/12/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				476.7			546.7			460.7		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	48	--	0.15	42	--	0.15	45	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.2	--	0.075	6	--	0.075	6.3	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	0.015	--	0.0052
		Potassium	NS	NS	NS	NS	2.7	--	0.45	2.2	--	0.45	2.2	--	0.45
		Sodium	NS	NS	NS	NS	26	--	0.5	23	--	0.5	24	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00079	J	0.0016	0.00091	J	0.0016	0.001	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	39	--	15	27	--	1.5	19	--	1.5
		Sulfate	600	250	NS	250	62	--	4.5	42	--	4.5	40	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.78	--	0.09	0.66	--	0.09	ND	UJ	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	100	--	6	130	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	100	--	6	130	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106089			KAFB-106090			KAFB-106091		
			Field Sample ID:				GW089-212			GW090-212			GW091-212		
			Sample Date:				4/12/2021			4/12/2021			4/7/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				482.26			555.78			454.7		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	43	--	0.15	35	--	0.15	70	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	6	--	0.075	4.9	--	0.075	9.3	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	2	--	0.45	2.9	--	0.45
		Sodium	NS	NS	NS	NS	24	--	0.5	22	--	0.5	26	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00073	J	0.0016	0.001	J	0.0016	0.0007	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.3	J	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	16	--	1.5	12	--	1.5	64	--	15
		Sulfate	600	250	NS	250	41	--	4.5	30	--	4.5	90	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.44	--	0.09	0.18	J	0.09	1.9	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	120	--	6	110	--	6	89	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	120	--	6	110	--	6	89	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106091			KAFB-106092			KAFB-106093		
			Field Sample ID:				GW091-612			GW092-212			GW093-212		
			Sample Date:				4/7/2021			4/7/2021			4/7/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				454.7			474.7			544.7		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	71	--	0.15	65	--	0.15	51	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	9.7	--	0.075	8.8	--	0.075	6.9	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	0.0037	J	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3	--	0.45	2.9	--	0.45	2.7	--	0.45
		Sodium	NS	NS	NS	NS	29	--	0.5	26	--	0.5	29	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.00071	J	0.0016	0.0009	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	69	--	15	54	--	15	50	--	15
		Sulfate	600	250	NS	250	100	--	45	100	--	45	62	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.9	--	0.09	1.6	--	0.09	1.6	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	89	--	6	95	--	6	96	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	89	--	6	95	--	6	96	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106094			KAFB-106095			KAFB-106096		
			Field Sample ID:				GW094-212			GW095-212			GW096-212		
			Sample Date:				4/16/2021			4/12/2021			4/12/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				494.2			506			578.45		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	67	--	0.15	39	--	0.15	32	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.065	J	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	11	--	0.075	5.7	--	0.075	4.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**1.1**	--	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.9	--	0.45	2.3	--	0.45	1.9	--	0.45
		Sodium	NS	NS	NS	NS	30	--	0.5	22	--	0.5	21	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	ND	U	0.0016	0.00073	J	0.0016	0.0015	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	0.00022	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	43	--	15	16	--	1.5	7.5	--	1.5
		Sulfate	600	250	NS	250	34	--	4.5	31	--	4.5	33	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	0.34	J	0.09	0.053	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	180	--	6	120	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	180	--	6	120	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106096			KAFB-106097			KAFB-106098		
			Field Sample ID:				GW096-612			GW097-212			GW098-212		
			Sample Date:				4/12/2021			4/7/2021			4/6/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				578.45			508			533		
			Reference Elevation Interval (ft AMSL):				4814			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	30	--	0.15	46	--	0.15	45	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.3	--	0.075	6.7	--	0.075	6.3	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.1	--	0.45	2.5	--	0.45	2.6	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	22	--	0.5	24	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0015	J	0.0016	0.0012	J	0.0016	0.0013	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00025	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	7.8	--	1.5	24	--	1.5	18	--	1.5
		Sulfate	600	250	NS	250	28	--	4.5	49	--	4.5	46	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.06	J	0.09	0.86	--	0.09	0.67	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	J	6	100	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106099			KAFB-106100			KAFB-106101		
			Field Sample ID:				GW099-212			GW100-212			GW101-212		
			Sample Date:				4/8/2021			4/8/2021			4/5/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				503			528			501		
			Reference Elevation Interval (ft AMSL):				4838			4814			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	38	--	0.15	31	--	0.15	110	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.8	--	0.075	4.7	--	0.075	16	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.4	--	0.45	2.2	--	0.45	4.1	--	0.45
		Sodium	NS	NS	NS	NS	21	--	0.5	19	--	0.5	41	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.0014	J	0.0016	0.00078	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	21	--	1.5	30	--	1.5	87	--	15
		Sulfate	600	250	NS	250	42	--	4.5	30	--	9	160	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.91	--	0.09	0.2	--	0.09	2.2	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	100	--	6	91	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	100	--	6	91	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106102			KAFB-106103			KAFB-106104		
			Field Sample ID:				GW102-212			GW103-212			GW104-212		
			Sample Date:				4/5/2021			4/9/2021			4/9/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				525.5			485.76			510.75		
			Reference Elevation Interval (ft AMSL):				4814			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	30	--	0.15	40	--	0.15	33	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.5	--	0.075	5.6	--	0.075	4.7	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.1	--	0.45	2.4	--	0.45	2.2	--	0.45
		Sodium	NS	NS	NS	NS	20	--	0.5	26	--	0.5	25	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0016	J	0.0016	0.00084	J	0.0016	0.001	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00015	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	8.3	--	1.5	20	--	1.5	8	--	1.5
		Sulfate	600	250	NS	250	26	--	4.5	40	--	4.5	28	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.19	--	0.09	0.55	--	0.09	0.33	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	110	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	110	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106105			KAFB-106106			KAFB-106106		
			Field Sample ID:				GW105-212			GW106-212			GW106-612		
			Sample Date:				4/7/2021			4/7/2021			4/7/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				484.7			454.3			454.3		
			Reference Elevation Interval (ft AMSL):				4838			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	58	--	0.15	60	--	0.15	82	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	8	--	0.075	8.1	--	0.075	11	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.8	--	0.45	3	--	0.45	3.6	--	0.45
		Sodium	NS	NS	NS	NS	26	--	0.5	25	--	0.5	33	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.00078	J	0.0016	0.00074	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	54	--	15	91	--	15	71	--	15
		Sulfate	600	250	NS	250	71	--	4.5	110	--	45	110	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.5	--	0.09	1.9	J	0.09	1.3	J	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	95	--	6	92	--	6	88	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	95	--	6	92	--	6	88	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106107			KAFB-106149-484			KAFB-106151-484		
			Field Sample ID:				GW107-212			GW149-484-212			GW151-484-212		
			Sample Date:				4/7/2021			4/14/2021			4/14/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				510.9			474.6			474.79		
			Reference Elevation Interval (ft AMSL):				4814			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	51	--	0.15	85	--	0.15	140	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	0.73	--	0.1	0.66	--	0.1
		Magnesium	NS	NS	NS	NS	6.8	--	0.075	15	--	0.075	23	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	**2.6**	J	0.0052	**2.5**	J	0.0052
		Potassium	NS	NS	NS	NS	2.6	--	0.45	3.3	--	0.45	4	--	0.45
		Sodium	NS	NS	NS	NS	23	--	0.5	30	--	0.5	40	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.001	J	0.0016	0.0034	--	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.0014	--	0.00025	0.00041	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	1.3	J	2	1.8	J	2
		Chloride	250	NS	NS	250	43	--	15	17	--	1.5	47	--	15
		Sulfate	600	250	NS	250	52	--	4.5	2.2	J	4.5	62	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.95	--	0.09	ND	U	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	320	--	6	380	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	320	--	6	380	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106152-484			KAFB-106153-484			KAFB-106201		
			Field Sample ID:				GW152-484-212			GW153-484-212			GW201-212		
			Sample Date:				4/14/2021			4/26/2021			4/1/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				474.88			474.89			490.35		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	120	--	0.15	140	--	0.15	54	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	**1.9**	--	0.1	0.57	--	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	21	--	0.075	22	--	0.075	6.9	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**4.9**	J	0.0052	**3.1**	--	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.6	--	0.45	3.9	--	0.45	2.5	--	0.45
		Sodium	NS	NS	NS	NS	33	--	0.5	39	--	0.5	30	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0014	J	0.0016	0.0021	--	0.0016	0.0008	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00081	--	0.00025	0.00046	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	1.6	J	2	1.8	J	2	ND	U	2
		Chloride	250	NS	NS	250	16	--	1.5	16	--	1.5	29	--	1.5
		Sulfate	600	250	NS	250	1.5	J	4.5	ND	U	4.5	58	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.1	--	0.09	0.057	J	0.09	0.96	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	440	--	6	410	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	440	--	6	410	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106202			KAFB-106203			KAFB-106204		
			Field Sample ID:				GW202-212			GW203-212			GW204-212		
			Sample Date:				4/1/2021			4/1/2021			4/2/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				520.6			623.78			463.2		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	41	--	0.15	36	--	0.15	63	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.5	--	0.075	4.5	--	0.075	8.8	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	2.1	--	0.45	3.1	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	21	--	0.5	33	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00087	J	0.0016	0.0011	J	0.0016	0.0009	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	18	--	1.5	8.5	--	1.5	62	--	6
		Sulfate	600	250	NS	250	35	--	4.5	27	--	4.5	74	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.73	--	0.09	0.042	J	0.09	1.6	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106205			KAFB-106206			KAFB-106207		
			Field Sample ID:				GW205-212			GW206-212			GW207-212		
			Sample Date:				4/2/2021			4/2/2021			4/1/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				493.2			594.2			473.7		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	50	--	0.15	53	--	0.15	59	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	6.9	J	0.075	7.3	--	0.075	7.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3	--	0.45	3	--	0.45	2.8	--	0.45
		Sodium	NS	NS	NS	NS	31	--	0.5	32	--	0.5	27	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00074	J	0.0016	0.00073	J	0.0016	0.0009	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	42	--	6	47	--	6	63	--	6
		Sulfate	600	250	NS	250	55	--	4.5	66	--	4.5	49	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1	--	0.09	1.3	--	0.09	1.4	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	93	--	6	94	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	100	--	6	93	J	6	94	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106208			KAFB-106208			KAFB-106209		
			Field Sample ID:				GW208-212			GW208-612			GW209-212		
			Sample Date:				4/1/2021			4/1/2021			4/1/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				503.7			503.7			603.7		
			Reference Elevation Interval (ft AMSL):				4838			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	54	--	0.15	53	--	0.15	35	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.1	--	0.075	7.2	--	0.075	4.8	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.7	--	0.45	2.9	--	0.45	2.4	--	0.45
		Sodium	NS	NS	NS	NS	27	--	0.5	27	--	0.5	23	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00078	J	0.0016	0.0011	J	0.0016	0.00091	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	47	J	6	51	--	6	12	--	1.5
		Sulfate	600	250	NS	250	50	--	4.5	50	--	4.5	29	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.1	J	0.09	1.1	--	0.09	0.18	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	95	--	6	96	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	95	--	6	96	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106212			KAFB-106213			KAFB-106214		
			Field Sample ID:				GW212-212			GW213-212			GW214-212		
			Sample Date:				4/9/2021			4/9/2021			4/9/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				543.93			451.3			478.95		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	37	--	0.15	40	--	0.15	45	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.3	--	0.075	5.8	--	0.075	6.5	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.5	--	0.45	2.4	--	0.45	2.8	--	0.45
		Sodium	NS	NS	NS	NS	26	--	0.5	28	--	0.5	30	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	ND	U	0.0016	0.00073	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	16	--	1.5	18	--	1.5	13	--	1.5
		Sulfate	600	250	NS	250	15	--	4.5	18	--	4.5	16	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.19	--	0.09	0.72	--	0.09	0.72	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106215			KAFB-106216			KAFB-106217		
			Field Sample ID:				GW215-212			GW216-212			GW217-212		
			Sample Date:				4/9/2021			4/2/2021			4/2/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				547.7			461.4			485.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	33	--	0.15	51	--	0.15	63	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.7	--	0.075	6.7	--	0.075	7.9	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	2.5	--	0.45	2.7	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	24	--	0.5	28	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.00078	J	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	UJ	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	5.6	J	1.5	44	--	15	69	--	15
		Sulfate	600	250	NS	250	11	J	4.5	36	--	4.5	50	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.055	J	0.09	1.2	--	0.09	1.6	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106218			KAFB-106219			KAFB-106220		
			Field Sample ID:				GW218-212			GW219-212			GW220-212		
			Sample Date:				4/2/2021			4/1/2021			4/1/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				552.7			466			493.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	34	--	0.15	64	--	0.15	37	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.2	--	0.075	9.4	--	0.075	4.8	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	1.8	--	0.45	2.5	--	0.45	2.2	--	0.45
		Sodium	NS	NS	NS	NS	22	--	0.5	24	--	0.5	20	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.0014	J	0.0016	0.00085	J	0.0016
		Lead	0.015	0.015	0.015	0.015	7.1E-05	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	1.3	J	2	ND	U	2
		Chloride	250	NS	NS	250	9.6	--	1.5	75	--	15	15	--	1.5
		Sulfate	600	250	NS	250	28	--	4.5	79	--	45	32	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.096	J	0.09	2.2	J	0.09	0.15	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	100	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	100	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106221			KAFB-106222			KAFB-106223		
			Field Sample ID:				GW221-212			GW222-212			GW223-212		
			Sample Date:				4/1/2021			4/2/2021			4/2/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				561.7			461.1			488.5		
			Reference Elevation Interval (ft AMSL):				4814			4857			4838		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	38	--	0.15	66	--	0.15	44	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	4.7	--	0.075	9	--	0.075	6.2	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.3	--	0.45	3.1	--	0.45	2.5	--	0.45
		Sodium	NS	NS	NS	NS	23	--	0.5	34	--	0.5	28	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.001	J	0.0016	ND	U	0.0016	ND	U	0.0016
		Lead	0.015	0.015	0.015	0.015	0.0001	J	0.00025	9.3E-05	J	0.00025	7.2E-05	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	UJ	2
		Chloride	250	NS	NS	250	12	--	1.5	71	--	15	27	--	1.5
		Sulfate	600	250	NS	250	31	--	4.5	67	--	4.5	44	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.072	J	0.09	3.8	--	0.09	1	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	98	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	98	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106224			KAFB-106225			KAFB-106225		
			Field Sample ID:				GW224-212			GW225-212			GW225-612		
			Sample Date:				4/2/2021			4/5/2021			4/5/2021		
			Sample Type:				REG			REG			Field Duplicate		
			Sample Depth (ft bgs):				555.7			453.3			453.3		
			Reference Elevation Interval (ft AMSL):				4814			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	32	--	0.15	60	--	0.15	67	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	0.041	J	0.1
		Magnesium	NS	NS	NS	NS	4.2	--	0.075	8.6	--	0.075	8.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.2	--	0.45	3.2	--	0.45	2.9	--	0.45
		Sodium	NS	NS	NS	NS	27	--	0.5	29	--	0.5	28	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.0007	J	0.0016	0.0008	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	4	ND	U	2
		Chloride	250	NS	NS	250	10	J	1.5	46	--	3	57	--	30
		Sulfate	600	250	NS	250	30	--	4.5	81	--	9	97	J	90
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.081	J	0.09	1.2	--	0.09	1.3	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	100	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106226			KAFB-106227			KAFB-106229		
			Field Sample ID:				GW226-212			GW227-212			GW229-212		
			Sample Date:				4/5/2021			4/5/2021			4/7/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				480.7			548.7			442.1		
			Reference Elevation Interval (ft AMSL):				4838			4814			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	58	--	0.15	43	--	0.15	--	--	--
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	--	--	--
		Magnesium	NS	NS	NS	NS	8.1	--	0.075	5.9	--	0.075	--	--	--
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	--	--	--
		Potassium	NS	NS	NS	NS	2.9	--	0.45	2.7	--	0.45	--	--	--
		Sodium	NS	NS	NS	NS	28	--	0.5	26	--	0.5	--	--	--
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00074	J	0.0016	0.00089	J	0.0016	--	--	--
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	--	--	--
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	4	--	--	--
		Chloride	250	NS	NS	250	50	--	15	19	--	3	--	--	--
		Sulfate	600	250	NS	250	85	--	45	47	--	9	--	--	--
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1	--	0.09	0.33	--	0.09	--	--	--
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	--	--	--
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	--	--	--
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	110	--	6	--	--	--

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106230			KAFB-106231			KAFB-106232		
			Field Sample ID:				GW230-212			GW231-212			GW232-212		
			Sample Date:				4/2/2021			4/6/2021			4/6/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				501.7			453.7			503.7		
			Reference Elevation Interval (ft AMSL):				4814			4857			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	41	--	0.15	83	--	0.15	48	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.6	--	0.075	11	--	0.075	6.3	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.2	--	0.45	3.8	--	0.45	2.7	--	0.45
		Sodium	NS	NS	NS	NS	23	--	0.5	36	--	0.5	26	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.00087	J	0.0016	0.001	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	25	--	1.5	82	--	15	28	--	1.5
		Sulfate	600	250	NS	250	48	--	4.5	57	--	4.5	46	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.72	--	0.09	0.99	--	0.09	0.72	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	97	--	6	90	--	6	96	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	97	--	6	90	--	6	96	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106235-438			KAFB-106235-472			KAFB-106235-501		
			Field Sample ID:				GW235-438-212			GW235-472-212			GW235-501-212		
			Sample Date:				4/6/2021			4/6/2021			4/6/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				441.3			472.7			501.7		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	65	--	0.15	53	--	0.15	63	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	9.6	--	0.075	7.8	--	0.075	8.9	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.8	--	0.45	3.3	--	0.45	3	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	27	--	0.5	27	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0012	J	0.0016	0.00088	J	0.0016	0.0012	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	7.2E-05	J	0.00025	0.00027	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	UJ	2	ND	U	2
		Chloride	250	NS	NS	250	71	--	15	62	--	15	58	--	15
		Sulfate	600	250	NS	250	71	--	4.5	62	--	4.5	84	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	2	--	0.09	1.4	--	0.09	1.1	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	84	--	6	86	--	6	85	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	84	--	6	86	--	6	85	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106236-436			KAFB-106236-470			KAFB-106236-499		
			Field Sample ID:				GW236-436-212			GW236-470-212			GW236-499-212		
			Sample Date:				4/7/2021			4/7/2021			4/7/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				441.9			470.7			499.7		
			Reference Elevation Interval (ft AMSL):				4857			4838			4814		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	52	--	0.15	41	--	0.15	52	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.5	--	0.075	5.8	--	0.075	7.5	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	3.3	--	0.45	2.6	--	0.45	2.9	--	0.45
		Sodium	NS	NS	NS	NS	29	--	0.5	21	--	0.5	24	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.001	J	0.0016	0.0011	J	0.0016	0.0013	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00015	J	0.00025	0.00019	J	0.00025	0.00058	--	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	58	--	15	22	--	1.5	61	--	15
		Sulfate	600	250	NS	250	57	J	4.5	49	J	4.5	65	J	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	1.3	--	0.09	0.44	--	0.09	0.97	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	94	--	6	98	--	6	89	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	94	--	6	98	--	6	89	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106240-449			KAFB-106241-428			KAFB-106242-418		
			Field Sample ID:				GW240-449-212			GW241-428-212			GW242-418-212		
			Sample Date:				4/13/2021			4/5/2021			4/6/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				473.14			452.2			442.24		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	160	--	0.15	54	--	0.15	200	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	23	--	0.075	7.7	--	0.075	28	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	4.1	--	0.45	3	--	0.45	5.6	--	0.45
		Sodium	NS	NS	NS	NS	40	--	0.5	29	--	0.5	63	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.00075	J	0.0016	0.00081	J	0.0016	0.00085	J	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	2.2	J	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	160	--	15	5.4	--	1.5	140	--	15
		Sulfate	600	250	NS	250	**300**	--	45	44	--	4.5	**260**	--	45
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	5.2	--	0.45	0.44	--	0.09	4.3	--	0.18
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	130	--	6	140	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6	130	--	6	140	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106243-425			KAFB-106244-445			KAFB-106245-460		
			Field Sample ID:				GW243-425-212			GW244-445-212			GW245-460-212		
			Sample Date:				4/12/2021			4/13/2021			4/13/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				446.54			469.19			487.77		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	55	--	0.15	130	--	0.15	70	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	7.6	--	0.075	21	--	0.075	9.6	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.5	--	0.45	4.4	--	0.45	2.8	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	59	--	0.5	28	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.0012	J	0.0016	0.0012	J	0.0016
		Lead	0.015	0.015	0.015	0.015	8.2E-05	J	0.00025	ND	U	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	15	--	1.5	200	--	15	71	--	30
		Sulfate	600	250	NS	250	27	--	4.5	190	--	45	69	--	9
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	3.3	--	0.09	2	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	160	--	6	110	--	6	110	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	160	--	6	110	--	6	110	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106247-450			KAFB-106S1-447			KAFB-106S2-451		
			Field Sample ID:				GW247-450-212			GWS1-447-212			GWS2-451-212		
			Sample Date:				4/13/2021			4/14/2021			4/14/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				477.42			471.1			478.33		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	49	--	0.15	77	--	0.15	140	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	0.11	J	0.1	**3.8**	--	0.1
		Magnesium	NS	NS	NS	NS	7.1	--	0.075	13	--	0.075	24	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	**2.6**	J	0.0052	**5.9**	J	0.0052
		Potassium	NS	NS	NS	NS	2.4	--	0.45	2.8	--	0.45	3.6	--	0.45
		Sodium	NS	NS	NS	NS	28	--	0.5	29	--	0.5	42	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0008	J	0.0016	0.003	--	0.0016	0.0026	--	0.0016
		Lead	0.015	0.015	0.015	0.015	ND	U	0.00025	0.00024	J	0.00025	0.001	--	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	2.1	J	2	2.1	J	2
		Chloride	250	NS	NS	250	9.7	--	1.5	21	--	1.5	93	--	15
		Sulfate	600	250	NS	250	32	--	4.5	3.2	J	4.5	2.8	J	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	0.58	--	0.09	0.07	J	0.09	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	170	--	6	280	--	6	380	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	170	J	6	280	--	6	380	J	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106S3-449			KAFB-106S4-446			KAFB-106S5-446		
			Field Sample ID:				GWS3-449-212			GWS4-446-212			GWS5-446-212		
			Sample Date:				4/14/2021			4/13/2021			4/13/2021		
			Sample Type:				REG			REG			REG		
			Sample Depth (ft bgs):				476.28			473.33			470.18		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	150	--	0.15	190	J	0.15	62	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	**6**	--	0.1	ND	U	0.1	0.99	--	0.1
		Magnesium	NS	NS	NS	NS	26	--	0.075	30	J	0.075	10	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**4.5**	--	0.0052	ND	U	0.0052	**1.8**	--	0.0052
		Potassium	NS	NS	NS	NS	3.8	--	0.45	5.4	--	0.45	2.9	--	0.45
		Sodium	NS	NS	NS	NS	43	--	0.5	67	J	0.5	28	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0055	--	0.0016	0.0007	J	0.0016	0.0024	--	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00092	--	0.00025	ND	U	0.00025	0.00026	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	2.5	--	2	ND	U	2
		Chloride	250	NS	NS	250	75	--	15	180	--	15	25	--	1.5
		Sulfate	600	250	NS	250	1.8	J	4.5	**320**	--	45	ND	U	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.18	6.1	--	0.45	ND	U	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	450	--	6	99	--	6	230	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	450	--	6	99	--	6	230	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106S5-446			KAFB-106S7-451			KAFB-106S8-451		
			Field Sample ID:				GWS5-446-612			GWS7-451-212			GWS8-451-212		
			Sample Date:				4/13/2021			4/13/2021			4/14/2021		
			Sample Type:				Field Duplicate			REG			REG		
			Sample Depth (ft bgs):				470.18			477.7			471.22		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	58	--	0.15	110	--	0.15	180	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	1	--	0.1	0.4	--	0.1	0.19	J	0.1
		Magnesium	NS	NS	NS	NS	9.5	--	0.075	17	--	0.075	28	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**1.7**	--	0.0052	**2.1**	--	0.0052	**5.5**	J	0.0052
		Potassium	NS	NS	NS	NS	3.1	--	0.45	3.2	--	0.45	4	--	0.45
		Sodium	NS	NS	NS	NS	27	--	0.5	39	--	0.5	44	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0019	J	0.0016	0.0056	--	0.0016	0.0043	--	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00026	J	0.00025	0.00037	J	0.00025	ND	U	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	1.9	J	2	1.8	J	2
		Chloride	250	NS	NS	250	20	--	1.5	58	--	6	11	--	1.5
		Sulfate	600	250	NS	250	ND	U	4.5	1.7	J	4.5	3.8	J	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.09	ND	U	0.09	ND	U	0.18
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	220	--	6	340	--	6	510	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	220	--	6	340	--	6	510	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

			Well Location ID:				KAFB-106S9-447			KAFB-106S9-447			KAFB-3411		
			Field Sample ID:				GWS9-447-212			GWS9-447-612			GW3411-212		
			Sample Date:				4/14/2021			4/14/2021			4/13/2021		
			Sample Type:				REG			Field Duplicate			REG		
			Sample Depth (ft bgs):				471.22			471.22			482.06		
			Reference Elevation Interval (ft AMSL):				4857			4857			4857		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC [a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level [d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	140	J	0.15	77	J	0.15	35	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	0.79	--	0.1	0.82	--	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	25	J	0.075	14	J	0.075	5.2	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	**4**	J	0.0052	**3.8**	--	0.0052	0.0089	J	0.0052
		Potassium	NS	NS	NS	NS	4.5	J	0.45	2.4	J	0.45	2.2	--	0.45
		Sodium	NS	NS	NS	NS	38	J	0.5	20	J	0.5	21	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.00077	J	0.0016	0.00099	J	0.0016
		Lead	0.015	0.015	0.015	0.015	0.0003	J	0.00025	0.00029	J	0.00025	0.00016	J	0.00025
Anions	Method E300.0(mg/L)	Bromide	NS	NS	NS	NS	ND	U	2	ND	U	2	ND	U	2
		Chloride	250	NS	NS	250	53	--	15	47	--	15	8	--	1.5
		Sulfate	600	250	NS	250	8.2	--	4.5	7.4	--	4.5	26	--	4.5
	Method E353.2(mg/L)	Nitrate/Nitrite Nitrogen[e]	10[e]	10[e]	NS	10	ND	U	0.18	ND	U	0.18	0.14	--	0.09
Alkalinity	Method SM2320B(mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	490	--	6	480	--	6	120	--	6
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6	ND	U	6	ND	U	6
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	490	--	6	480	--	6	120	--	6

Table 5-8
Groundwater Analytical Results for Inorganic Compounds for Groundwater Monitoring Wells, Q2 2021

[a] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (May 2021) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for any analyte, then the project screening level is the EPA RSL.

[e] Based on the geochemical equilibrium of the site groundwater and previous site data analyses, nitrate/nitrite results represent nitrate concentrations.

µg/L = microgram per liter
— = Compound not analyzed.
AFB = Air Force Base
AMSL = above mean sea level
bgs = below ground surface
BTEX = benzene, toluene, ethylbenzene, and total xylenes
CFR = Code of Federal Regulations
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ft = foot (feet)
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
ND = not detected
NM = New Mexico
NMAC = New Mexico Administrative Code
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
Val Qual = validation qualifier
WQCC = Water Quality Control Commission
Shading = detected concentrations
Bold/Shading = concentrations exceed the project screening level
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 6-1
Drinking Water Supply Well Analytical Results for Organic Compounds, Q2 2021

		Well Location ID:		KAFB-003			KAFB-015			KAFB-016			ST106-VA2		
		Field Sample ID:		GWK003-2123			GWK015-2121			GWK016-2121			GWVA2-2121		
		Sample Date:		4/6/2021			4/6/2021			4/6/2021			4/6/2021		
		Sample Type:		REG			REG			REG			REG		
Parameter	**Analytical Method**	**Analyte**	**EPA MCL**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**
EDB	Method E504.1 (µg/L)	1,2-Dibromoethane	0.05	ND	U	0.018	ND	U	0.017	ND	U	0.018	ND	U	0.017
BTEX	Method E524.2 (µg/L)	Benzene	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	10,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Field Parameters		Temperature (°C)	NA	20.4			24.7			23.1			22.3		
		Specific Conductance (µS/cm)	NA	401.0			482.4			525.0			421.7		
		pH (S.U.)	NA	7.92			7.98			7.80			7.84		
		ORP (mV)	NA	209.2			159.7			234.1			244.6		
		DO (mg/L)	NA	3.60			6.1			0.54			1.04		
		Turbidity (NTU)	NA	0.21			0.11			0.56			0.12		

Table 6-1
Drinking Water Supply Well Analytical Results for Organic Compounds, Q2 2021

		Well Location ID:		KAFB-003			KAFB-015			ST106-VA2			ST106-VA2		
		Field Sample ID:		GWK003-2122			GWK015-2122			GWVA2-2122			GWVA2-6122		
		Sample Date:		5/4/2021			5/4/2021			5/4/2021			5/4/2021		
		Sample Type:		REG			REG			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**EPA MCL**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**
EDB	Method E504.1 (µg/L)	1,2-Dibromoethane	0.05	ND	U	0.018	ND	U	0.018	ND	U	0.018	ND	U	0.017
BTEX	Method E524.2 (µg/L)	Benzene	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	10,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
Field Parameters		Temperature (°C)	NA	20.5			23.7			21.8			21.8		
		Specific Conductance (µS/cm)	NA	451.4			598.0			476.2			476.2		
		pH (S.U.)	NA	7.62			6.70			7.72			7.72		
		ORP (mV)	NA	310.0			322.0			279.0			279.0		
		DO (mg/L)	NA	3.43			0.71			3.07			3.07		
		Turbidity (NTU)	NA	0.28			0.29			0.36			0.36		

Table 6-1
Drinking Water Supply Well Analytical Results for Organic Compounds, Q2 2021

		Well Location ID:		KAFB-003			KAFB-015			ST106-VA2		
		Field Sample ID:		GWK003-2123			GWK015-2123			GWVA2-2123		
		Sample Date:		6/1/2021			6/1/2021			6/1/2021		
		Sample Type:		REG			REG			REG		
Parameter	**Analytical Method**	**Analyte**	**EPA MCL**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**
EDB	Method E504.1 (µg/L)	1,2-Dibromoethane	0.05	ND	U	0.017	ND	U	0.018	ND	U	0.018
BTEX	Method E524.2 (µg/L)	Benzene	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Toluene	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	10,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
Field Parameters		Temperature (°C)	NA	20.5			24.9			22.1		
		Specific Conductance (µS/cm)	NA	218.7			322.4			225.5		
		pH (S.U.)	NA	7.38			5.92			7.70		
		ORP (mV)	NA	269.3			241.0			242.2		
		DO (mg/L)	NA	7.10			0.82			1.88		
		Turbidity (NTU)	NA	0.46			0.18			0.18		

Table 6-1
Drinking Water Supply Well Analytical Results for Organic Compounds, Q2 2021

µg/L = micrograms per liter
µS/cm = micro siemens per centimeter
ºC = degree Celsius
BTEX = benzene, toluene, ethylbenzene, and total xylenes
DO = dissolved oxygen
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
GW = groundwater
ID = identification
LOQ = limit of quantitation
MCL = maximum contaminant level
mg/L = milligram per liter
mV = millivolt
ND = nondetect
NTU = nephelometric turbidity unit
ORP = oxidation reduction potential
Q2 = second quarter
REG = normal field sample
S.U. = standard unit
VA = U.S. Department of Veterans Affairs
Val Qual = validation qualifier
Val Quals based on independent data validation:
U = Qualifier denotes the analyte was analyzed but not detected.

Table 6-2
Drinking Water Supply Well Semi- Annual Analytical Results for Inorganic Compounds, Q2 2021

			Well Location ID:				KAFB-003			KAFB-015			KAFB-016			ST106-VA2		
			Field Sample ID:				GWK003-2121			GWK015-2121			GWK016-2121			GWVA2-2121		
			Sample Date:				4/6/2021			4/6/2021			4/6/2021			4/6/2021		
			Sample Type:				REG			REG			REG			REG		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**	**Result**	**Val Qual**	**LOQ**
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	39	--	0.15	33	--	0.15	51	--	0.15	45	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.10	ND	U	0.10	ND	U	0.10	ND	U	0.10
		Magnesium	NS	NS	NS	NS	5.3	--	0.075	8.0	--	0.075	5.7	--	0.075	8.4	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	0.025	--	0.0052	0.0076	J	0.0052	ND	U	0.0052
		Potassium	NS	NS	NS	NS	2.2	--	0.45	7.1	--	0.45	4.0	--	0.45	4.3	--	0.45
		Sodium	NS	NS	NS	NS	24	--	0.50	40	--	0.50	31	--	0.50	25	--	0.50
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	**0.016**	--	0.0016	**0.025**	--	0.0016	0.0031	--	0.0016
		Lead	0.015	0.015	0.015	0.015	0.00021	J	0.00025	0.00024	J	0.00025	0.000087	J	0.00025	0.00025	J	0.00025
Anions	Method E300.0 (mg/L)	Bromide	NS	NS	NS	NS	ND	U	2.0	ND	U	2.0	0.49	J	0.40	ND	U	2.0
		Chloride	250	NS	NS	250	24	--	1.5	50	--	15	87	--	15	44	--	15
		Sulfate	600	250	NS	250	26	--	4.5	31	--	4.5	35	--	4.5	26	--	4.5
	Method SM4500S2F (mg/L)	Sulfide	NS	NS	NS	NS	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5
	Method E353.2 (mg/L)	Nitrogen as nitrate + nitrite	10[e]	10[e]	NS	10[e]	0.27	--	0.090	ND	U	0.090	ND	U	0.090	ND	U	0.090
	Method SM4500NH3B/C (mg/L)	Nitrogen, ammonia	NS	NS	NS	NS	ND	U	0.60	ND	U	0.60	ND	U	0.60	ND	U	0.60
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as $CaCO_3$)	NS	NS	NS	NS	110	--	6.0	95	--	6.0	94	--	6.0	100	--	6.0
		Alkalinity, carbonate (as $CaCO_3$)	NS	NS	NS	NS	ND	U	6.0	ND	U	6.0	ND	U	6.0	ND	U	6.0
		Alkalinity, total (as $CaCO_3$)	NS	NS	NS	NS	110	--	6.0	95	--	6.0	94	--	6.0	100	--	6.0
Field Parameters		Temperature (°C)	NS	NS	NS	NS	20.4			24.7			23.1			22.3		
		Specific Conductance (µS/cm)	NS	NS	NS	NS	401.0			482.4			525.0			421.7		
		pH (S.U.)	NS	NS	NS	NS	7.92			7.98			7.80			7.84		
		ORP (mV)	NS	NS	NS	NS	209.2			159.7			234.1			244.6		
		DO (mg/L)	NS	NS	NS	NS	3.60			6.1			0.54			1.04		
		Turbidity (NTU)	NS	NS	NS	NS	0.21			0.11			0.56			0.12		

Table 6-2
Drinking Water Supply Well Semi- Annual Analytical Results for Inorganic Compounds, Q2 2021

[a] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018).

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (May 2021) for hazard index = 1.0 for non-carcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC numeric standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.

[e] The analytical method utilized to analyze for total nitrate/nitrite nitrogen concentrations (Method 353.2) cannot identify individual nitrate and nitrite concentrations without modification. Typically, in highly oxidizing and near neutral aquifers, nitrate is the primary nitrogen species found in groundwater (Langmuir, 1997). Previous studies in the Albuquerque Basin have used total nitrate/nitrite nitrogen concentrations as equivalent to nitrate nitrogen concentrations (Longmire, 2016; Anderholm et al., 1995). Therefore, total nitrate/nitrite nitrogen concentrations were compared to screening levels for nitrate in this report.

µS/cm = micro siemens per centimeter
ºC = degree Celsius
AFB = Air Force Base
CFR = Code of Federal Regulations
DO = dissolved oxygen
EPA = U.S. Environmental Protection Agency
GW = groundwater
ID = identification
LOQ = limit of quantitation
MCL = maximum contaminant level
mg/L = milligram per liter
mV = millivolt
ND = nondetect
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specified
NTU = nephelometric turbidity unit
ORP = oxidation reduction potential
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
S.U. = standard units
VA = U.S. Department of Veterans Affairs
Val Qual = validation qualifier
WQCC = Water Quality Control Commission
Shading = detected concentrations
Bold = concentrations exceed the project screening level
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
U = Qualifier denotes the analyte was analyzed but not detected.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

Anderholm, S.K., M.J. Radell, and S.F. Richey. 1995. *Water-quality Assessment of the Rio Grande Valley Study Unit, Colorado, New Mexico, and Texas – Analysis of Selected Nutrient, Suspended-sediment, and Pesticide Data.* U.S. Geological Survey. 167
Langmuir, D. 1997. *Aqueous Environmental Geochemistry* . Prentice-Hall, Upper Saddle River, New Jersey. 600 p.
Longmire, D. 2016. *Application of PHREEQC for Evaluating Precipitation of Reactive Phases During Injection of Treated Effluent Water at Well KAFB-7, Kirtland Air Force Base, Albuquerque, New Mexico.* NMED. 9 p. February 2.

Table 7-1
Groundwater Treatment System Extraction Well Performance, Q2 2021

Well ID	Well Parameter	April	May	June	Q2 (Average)
KAFB-106228	Average Operational Flow Rate[a] (gpm)	134.8	133.8	132.7	133.8
	Flow Rate Range[b] (gpm; min-max)	134.1 - 135.7	132.8 - 134.9	132.0 - 133.2	132.0 - 135.7
	Average Drawdown[c] (ft)	19.3	19.6	20.4	19.8
	Water Level Elevation Range[b] (ft AMSL; min-max)	4858.1 - 4859.3	4857.6 - 4859.2	4856.7 - 4857.8	4856.7 - 4859.3
	Average Specific Capacity[d] (gpm/ft)	7.0	6.8	6.5	6.8
	Average Transmissivity[d] (gpd/ft)	10,479	10,204	9,760	10,156
	Run Time Percentage[e]	95.2%	99.8%	98.6%	97.9%
	Notes	NA	NA	NA	NA
KAFB-106233	Average Operational Flow Rate[a] (gpm)	160.3	159.7	159.3	159.8
	Flow Rate Range[b] (gpm; min-max)	159.8 - 160.9	159.3 - 160.2	158.7 - 159.8	158.7 - 160.9
	Average Drawdown[c] (ft)	7.5	7.4	7.5	7.5
	Water Level Elevation Range[b] (ft AMSL; min-max)	4869.8 - 4870.6	4870.2- 4870.8	4869.8 - 4870.5	4869.8 - 4870.8
	Average Specific Capacity[d] (gpm/ft)	21.5	21.7	21.1	21.5
	Average Transmissivity[d] (gpd/ft)	32,237	32,620	31,747	32,207
	Run Time Percentage[e]	95.2%	99.8%	98.2%	97.7%
	Notes	NA	NA	NA	NA
KAFB-106234	Average Operational Flow Rate[a] (gpm)	171.0	170.8	170.5	170.8
	Flow Rate Range[b] (gpm; min-max)	170.6 - 171.3	169.7 - 171.4	169.6 - 171.3	169.6 - 171.4
	Average Drawdown[c] (ft)	8.0	7.2	7.2	7.5
	Water Level Elevation Range[b] (ft AMSL; min-max)	4867.8 - 4869.5	4869.3 - 4869.8	4869.1 - 4869.8	4867.8 - 4869.8
	Average Specific Capacity[d] (gpm/ft)	21.4	23.6	23.7	22.9
	Average Transmissivity[d] (gpd/ft)	32,235	35,390	35,656	34,389
	Run Time Percentage[e]	95.2%	99.8%	98.2%	97.7%
	Notes	NA	NA	NA	NA
KAFB-106239	Average Operational Flow Rate[a] (gpm)	75.2	74.2	74.1	74.5
	Flow Rate Range[b] (gpm; min-max)	74.5 - 75.8	73.2 - 74.9	73.2 - 77.4	73.2 - 77.4
	Average Drawdown[c] (ft)	10.2	10.6	11.5	10.8
	Water Level Elevation Range[b] (ft AMSL; min-max)	4874.5 - 4875.0	4873.8 - 4875.0	4872.6 - 4873.8	4872.6 - 4875.0
	Average Specific Capacity[d] (gpm/ft)	7.4	7.0	6.4	6.9
	Average Transmissivity[d] (gpd/ft)	11,049	10,450	9,677	10,408
	Run Time Percentage[e]	95.1%	99.8%	98.2%	97.7%
	Notes	NA	NA	NA	NA
Combined Extraction Well Totals	Combined Average Operational Flow Rate[f] (gpm)	541.3	538.5	536.6	538.8
	Combined Flow Rate Range (gpm)	539.8 - 543.3	536.5 - 541.0	535.0 - 538.9	535.0 - 543.3
	Run Time Percentage[g]	95.2%[h]	99.8%[h]	98.6%[h]	97.9%

Table 7-1
Groundwater Treatment System Extraction Well Performance, Q2 2021

[a] Flow rate calculation is an average rate that only includes time while the pump was operational; average values were computed from daily values throughout Q2 2021.

[b] Ranges are provided from daily values throughout Q2 2021.

[c] Average drawdown is calculated from the approximate static water elevation in Q2 2021, only includes time while the pump was operational and does not account for dynamic water elevation increases in the aquifer; average values were computed from daily values throughout Q2 that were obtained from the SCADA for all the extraction wells.

[d] Specific capacity and transmissivity average values only include pump run time (i.e., pump down time is not factored into the calculation); average values were computed from daily values throughout Q2.

[e] Percent run time is calculated when the given well is running at a minimum of 50 gpm; dataset includes readings for every minute throughout Q2.

[f] Combined Average Operation Flow Rate is the average influent flow rate to the GWTS.

[g] The combined extraction well percent run time is based on the percentage of time that water is entering the GWTS from any combination of extraction wells.

[h] Run time percentages for the combined extraction wells are recognized as the maximum extraction well run (from any given extraction well) time for that month.

% = percent

AMSL = above mean sea level.

ft = foot/feet

gpd = gallon per day

gpm = gallon per minute

GWTS = groundwater treatment system

ID = identification

max = maximum

min = minimum

NA = not applicable

Q2 = second quarter

SCADA = supervisory control and data acquisition

Table 7-2
Cumulative Quantities of Groundwater Treated and Discharged through Q2 2021

GWTS Operating Month	Train 1 Total Groundwater Treated (gallons)	Train 2 Total Groundwater Treated (gallons)	Total Groundwater Extracted (gallons)	Treated Groundwater Injected to Injection Well KAFB-7 (gallons)	Treated Groundwater Injected to Injection Well KAFB-106IN2[a] (gallons)	Treated Groundwater Discharged to the GCMP[b] (gallons)
Totalizing Flow Meter[c]	FE/FIT-3108	FE/FIT-3208	FE/FIT-3108 + FE/FIT-3208	FE/FIT-3108 + FE/FIT-3208	KAFB-106IN2 Flowmeter	FE/FIT-3108 + FE/FIT-3208
December 2015[d]	17,664,900	0	17,664,900	0	--	17,664,900
2015 Total	**17,664,900**	**0**	**17,664,900**	**0**	--	**17,664,900**
January 2016	1,777,200	0	1,777,200	0	--	1,777,200
February 2016	881,000	0	881,000	181,300	--	699,700
March 2016	22,168,080	0	22,168,080	1,231,350	--	20,936,730
April 2016	12,649,920	0	12,649,920	582,570	--	12,067,350
May 2016	12,090,000	0	12,090,000	0	--	12,090,000
June 2016	8,850,000	0	8,850,000	0	--	8,850,000
July 2016	9,940,000	0	9,940,000	0	--	9,940,000
August 2016	9,400,000	0	9,400,000	0	--	9,400,000
September 2016	12,980,000	0	12,980,000	0	--	12,980,000
October 2016	8,300,000	0	8,300,000	0	--	8,300,000
November 2016	7,200,000	0	7,200,000	2,970,000	--	4,230,000
December 2016	14,570,100	0	14,570,100	14,501,190	--	68,910
2016 Total	**120,806,300**	**0**	**120,806,300**	**19,466,410**	--	**101,339,890**
January 2017	6,089,700	87,300	6,177,000	5,877,600	--	299,400
February 2017	1,637,100	2,357,400	3,994,500	2,216,600	--	1,777,900
March 2017	5,551,200	5,705,400	11,256,600	5,172,800	--	6,083,800
April 2017	7,269,000	6,712,700	13,981,700	2,248,062	--	11,733,638
May 2017	9,234,900	9,453,700	18,688,600	4,722,563	--	13,966,037
June 2017	9,706,100	9,055,100	18,761,200	1,592,700	--	17,168,500
July 2017	13,260,800	10,875,200	24,136,000	3,023,500	--	21,112,500
August 2017	9,461,200	8,999,500	18,460,700	4,847,500	--	13,613,200
September 2017	9,734,500	9,227,600	18,962,100	6,752,400	--	12,209,700
October 2017	8,684,700	12,941,900	21,626,600	14,775,800	--	6,850,800
November 2017	0	12,513,400	12,513,400	3,734,900	--	8,778,500
December 2017	0	13,304,300	13,304,300	10,724,700	--	2,579,600
2017 Total	**80,629,200**	**101,233,500**	**181,862,700**	**65,689,125**	--	**116,173,575**

Table 7-2
Cumulative Quantities of Groundwater Treated and Discharged through Q2 2021

GWTS Operating Month	Train 1 Total Groundwater Treated (gallons)	Train 2 Total Groundwater Treated (gallons)	Total Groundwater Extracted (gallons)	Treated Groundwater Injected to Injection Well KAFB-7 (gallons)	Treated Groundwater Injected to Injection Well KAFB-106IN2[a] (gallons)	Treated Groundwater Discharged to the GCMP[b] (gallons)
January 2018	9,865,000	5,497,700	15,362,700	13,887,700	--	1,475,000
February 2018	10,785,300	6,786,100	17,571,400	13,765,300	--	3,806,100
March 2018	11,006,000	7,092,900	18,098,900	9,235,300	--	8,863,600
April 2018	7,468,200	5,800,700	13,268,900	0[e]	--	13,268,900
May 2018	11,238,400	8,061,600	19,300,000	0[e]	--	19,300,000
June 2018	14,746,800	10,186,400	24,933,200	0[e]	--	24,933,200
July 2018	12,038,500	7,901,100	19,939,600	0[e]	--	19,939,600
August 2018	14,973,100	9,583,900	24,557,000	0[e]	--	24,557,000
September 2018	9,516,900	7,509,600	17,026,500	0[e]	--	17,026,500
October 2018	1,572,600	7,288,500	8,861,100	0[e]	--	8,861,100
November 2018	7,788,300	4,682,900	12,471,200	7,517,100	--	4,954,100
December 2018	15,521,500	10,282,100	25,803,600	23,080,800	--	2,722,800
2018 Total	**126,520,600**	**90,673,500**	**217,194,100**	**67,486,200**	--	**149,707,900**
January 2019	13,105,900	8,431,000	21,536,900	19,494,500	--	2,042,400
February 2019	12,821,800	8,443,300	21,265,100	13,624,600	--	7,640,500
March 2019	16,066,200	10,450,300	26,516,500	13,435,900	--	13,080,600
April 2019	12,729,900	8,472,000	21,201,900	7,170,800	--	14,031,100
May 2019	10,781,700	8,610,700	19,392,400	5,779,900	--	17,091,400
June 2019	11,576,800	9,269,600	20,846,400	1,512,500	--	15,855,000
July 2019	9,153,800	8,748,700	17,902,500	551,100	--	17,351,400
August 2019	13,222,400	8,198,000	21,420,400	5,494,800	--	22,177,400
September 2019	16,768,300	9,679,900	26,448,200	2,916,700	--	17,279,700
October 2019	11,340,300	8,223,800	19,564,100	17,177,900	--	6,326,400
November 2019	7,064,500	8,577,500	15,642,000	14,525,700	--	1,081,700
December 2019	9,098,700	10,636,700	19,735,400	15,695,800	--	134,000
2019 Total	**143,730,300**	**107,741,500**	**251,471,800**	**117,380,200**	--	**134,091,600**

Table 7-2
Cumulative Quantities of Groundwater Treated and Discharged through Q2 2021

GWTS Operating Month	Train 1 Total Groundwater Treated (gallons)	Train 2 Total Groundwater Treated (gallons)	Total Groundwater Extracted (gallons)	Treated Groundwater Injected to Injection Well KAFB-7 (gallons)	Treated Groundwater Injected to Injection Well KAFB-106IN2[a] (gallons)	Treated Groundwater Discharged to the GCMP[b] (gallons)
January 2020	9,025,600	10,401,500	19,427,100	18,919,600	--	507,500
February 2020	6,985,200	8,249,600	15,234,800	12,237,600	--	2,997,200
March 2020	7,280,800	8,168,800	15,449,600	4,246,900	--	11,202,700
April 2020	9,547,500	10,804,400	20,351,900	5,110,300	--	15,241,600
May 2020	10,550,000	8,680,400	19,230,400	395,600	--	18,834,800
June 2020	12,585,900	7,964,600	20,550,500	0	--	20,550,500
July 2020	15,683,800	7,048,500	22,732,300	1,550,800	--	21,181,500
August 2020	12,873,600	8,529,500	21,403,100	3,737,000	--	17,666,100
September 2020	12,823,300	8,452,900	21,276,200	4,711,800	--	16,564,400
October 2020	15,250,400	9,773,900	25,024,300	14,033,400	--	10,990,900
November 2020	12,505,600	8,260,300	20,765,900	11,704,300	83,100	8,978,500
December 2020	16,478,900	10,121,600	26,600,500	23,482,400	57,600	3,060,500
2020 Total	**141,590,600**	**106,456,000**	**248,046,600**	**100,129,700**	**140,700**	**147,776,200**

Table 7-2
Cumulative Quantities of Groundwater Treated and Discharged through Q2 2021

GWTS Operating Month	Train 1 Total Groundwater Treated (gallons)	Train 2 Total Groundwater Treated (gallons)	Total Groundwater Extracted (gallons)	Treated Groundwater Injected to Injection Well KAFB-7 (gallons)	Treated Groundwater Injected to Injection Well KAFB-106IN2[a] (gallons)	Treated Groundwater Discharged to the GCMP[b] (gallons)
January 2021	12,203,700	4,799,200	17,002,900	15,148,600	0	1,854,300
February 2021	11,610,900	6,821,600	18,432,500	15,949,500	147,700	2,335,300
March 2021	13,525,300	6,642,500	20,167,800	4,352,000	4,664,600	11,151,200
April 2021	16,015,900	9,984,500	26,000,400	5,658,700	4,833,100	15,508,600
May 2021	13,745,400	8,492,200	22,237,600	1,609,200	2,970,100	17,658,300
June 2021	12,556,300	7,744,300	20,300,600	0	2,520,500	17,780,100
Q2 2021 Total	**42,317,600**	**26,221,000**	**68,538,600**	**7,267,900**	**10,323,700**	**50,947,000**
2021 Total[f]	**79,657,500**	**44,484,300**	**124,141,800**	**42,718,000**	**15,136,000**	**66,287,800**
Cumulative Total	**710,599,400**	**450,588,800**	**1,161,188,200**	**412,869,635**	**15,276,700**	**733,041,865**

[a] Injection well KAFB-106IN2 became active on November 13, 2020.

[b] Corrected volumes from human machine interface datasets.

[c] Flow meters are inspected monthly, see Appendix I-1.

[d] Train 1 treatment volume for December 2015 includes all water treated by the temporary treatment system and water treated by Train 1 during December 201

[e] On March 14, 2018 at 0206, the KAFB-7 V-Smart valve hydraulic assembly failed downhole. Repairs to KAFB-7 were completed on November 14, 2018. All treated water between March 14, 2018 and November 15, 2018 was discharged to the GCMP.

[f] Cumulative 2021 treated volume calculated through June 28, 2021.

FE/FIT-3208 = Flow meter/flow meter transmitter (followed by the component designation)

GCMP = Golf Course Main Pond

GWTS = groundwater treatment system

Q2 = second quarter

-- = not applicable. Injection began at KAFB-106IN2 in November 2020.

Table 7-3
Groundwater Treatment System Injection Well Performance, Q2 2021

Well ID	Well Parameter	April	May	June	Q2 (average)
KAFB-7	Average Operational Flow Rate[a] (gpm)	594.4	601.1	0.0	595.9
	Flow Rate Range[b] (gpm; min-max)	588.2 - 601.1	598.3 - 603.1	0.0-0.0	588.2 - 603.1
	Volume Injected[c] (gal)	5,658,700	1,609,200	0.0	2,422,633
	Average Water Level Elevation[d] (ft AMSL)	4901.5	4886.2	4,882.8	4890.3
	Water Level Elevation Range[d] (ft AMSL; min-max)	4883.0 - 5015.5	4882.8 - 4921.2	4882.8 - 4882.8	4882.8 - 5015.5
	Run Time %[e]	19.3%	8.4%	0.0%	9.2%
	Notes	NA	NA	NA	NA
KAFB-106IN2	Average Operational Flow Rate[a] (gpm)	572.0	555.4	555.4	564.9
	Flow Rate Range[b] (gpm; min-max)	554.5 - 699.1	554.4 - 577.4	554.7 - 557.4	554.4 - 699.1
	Volume Injected[c] (gal)	4,833,100	2,970,100	2,520,500	3,441,233
	Average Water Level Elevation[d] (ft AMSL)	4912.0	4862.3	4883.6	4890.8
	Water Level Elevation Range[d] (ft AMSL; min-max)	4862.3 - 4998.4	4877.2 - 4913.9	4875.7 - 4937.9	4862.3 - 4998.4
	Run Time %[e]	13.2%	11.9%	7.1%	10.7%
	Notes	NA	NA	NA	NA

Table 7-3
Groundwater Treatment System Injection Well Performance, Q2 2021

Well ID	Well Parameter	April	May	June	Q2 (average)
GWTS Effluent	Average Operational Flow Rate[a] (gpm)	556.1	555.5	556.1	555.9
	Flow Rate Range[b] (gpm; min-max)	555.0 - 558.1	550.1 - 561.8	554.6 - 561.0	550.1 - 561.8

[a] Flow rate calculation is an average rate that only includes time while the system was operational; average values were computed from SCADA values throughout Q2 2021.

[b] Ranges are provided from SCADA values throughout Q2 2021. KAFB-7 and KAFB-106IN2 flow rates fluctuate due to surging, etc. and are not consistent with GWTS effluent flow rates.

[c] Volume injected is calculated using totalizer readings from flow meters installed on the GWTS effluent skids. June injection volume calculated through June 28, 2021.

[d] Water level elevation averages and ranges include times when injection wells are not being utilized and data was collected from the SCADA for Q2 2021.

[e] Percent run time is calculated when the given well is running at a minimum of 50 gpm; dataset includes readings for every minute throughout Q2.

% = percent
AMSL = above mean sea level
BFF = Bulk Fuels Facility
ft = foot/feet
gal = gallon(s)
gpm = gallons per minute
GWTS = groundwater treatment system
ID = identification
max = maximum
min = minimum
NA = not applicable
SCADA = supervisory control and data acquisition
Q2 = second quarter

Table 7-4
Monthly Groundwater Treatment System Performance Analytical Results for Train 1, Q2 2021

			Well Location ID:				GWTS-BFF-INF1			GWTS-BFF-GAC1			GWTS-BFF-EFF1		
			Field Sample ID:				GWTS-INF1-040721			GWTS-GAC1-040721			GWTS-EFF1-040721		
			Sample Date:				4/7/2021			4/7/2021			4/7/2021		
			Sample Type:				REG			REG			REG		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.1	ND	U	0.1	ND	UJ	0.1
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0052	ND	U	0.0052	ND	UJ	0.0052
Field Parameters		Temperature (°C)	NA	NA	NA	NA	19.6			19.7			19.7		
		Spec Cond (µS/cm)	NA	NA	NA	NA	552.4			495.9			497.5		
		pH (S.U.)	NA	NA	NA	NA	7.82			7.57			7.45		
		ORP (mV)	NA	NA	NA	NA	182.6			240.6			332.6		
		DO (mg/L)	NA	NA	NA	NA	7.11			5.9			7.37		

Table 7-4
Monthly Groundwater Treatment System Performance Analytical Results for Train 1, Q2 2021

						Well Location ID:	GWTS-BFF-INF1			GWTS-BFF-GAC1			GWTS-BFF-EFF1			GWTS-BFF-EFF1		
						Field Sample ID:	GWTS-INF1-050521			GWTS-GAC1-050521			GWTS-EFF1-050521			GWTSEFF1DUP-050521		
						Sample Date:	5/5/2021			5/5/2021			5/5/2021			5/5/2021		
						Sample Type:	REG			REG			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.02	ND	U	0.019
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
Field Parameters		Temperature (°C)	NA	NA	NA	NA	20.0			20.0			20.0			20.0		
		Spec Cond (µS/cm)	NA	NA	NA	NA	584			583			580			580		
		pH (S.U.)	NA	NA	NA	NA	7.38			7.37			7.22			7.22		
		ORP (mV)	NA	NA	NA	NA	97.3			137.7			176.2			176.2		
		DO (mg/L)	NA	NA	NA	NA	7.51			4.23			5.71			5.71		

Table 7-4
Monthly Groundwater Treatment System Performance Analytical Results for Train 1, Q2 2021

			Well Location ID:				GWTS-BFF-INF1			GWTS-BFF-GAC1			GWTS-BFF-EFF1		
			Field Sample ID:				GWTS-INF1-060321			GWTS-GAC1-060321			GWTS-EFF1-060321		
			Sample Date:				6/3/2021			6/3/2021			6/3/2021		
			Sample Type:				REG			REG			REG		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.6	ND	U	0.6	ND	U	0.6
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	0.8	ND	U	0.8	ND	U	0.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Manganese, dissolved	0.2	NS	NS	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
Field Parameters		Temperature (°C)	NA	NA	NA	NA	20.1			20.1			20.2		
		Spec Cond (µS/cm)	NA	NA	NA	NA	475.5			475.8			475.4		
		pH (S.U.)	NA	NA	NA	NA	7.64			7.38			7.27		
		ORP (mV)	NA	NA	NA	NA	133.1			188.7			239.4		
		DO (mg/L)	NA	NA	NA	NA	6.74			4.62			6.43		

Table 7-4
Monthly Groundwater Treatment System Performance Analytical Results for Train 1, Q2 2021

[a] NM WQCC numeric standards per the New Mexico Administrative Code Title 20.6.2.3101A, Standards for Groundwater of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC, 2018).

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC numeric standard or MCL exists for any analyte, then the project screening level is the EPA RSL.

µg/L = microgram per liter
µS/cm = microSiemens per centimeter
ºC = degree Celsius
AFB = Air Force Base
DO = dissolved oxygen
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
mg/L= milligram per liter
mV = millivolt
NA = not applicable
ND = nondetect
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not sampled
ORP = oxidation reduction potential
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
Spec Cond = specific conductivity
S.U. = standard unit
Val Qual = validation qualifier
VOC = volatile organic compound
WQCC = Water Quality Control Commission
Validation Qualifiers based on independent data validation:
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 7-5
Monthly Groundwater Treatment System Performance Analytical Results for Train 2, Q2 2021

						Well Location ID:	GWTS-BFF-INF2			GWTS-BFF-GAC2			GWTS-BFF-EFF2			GWTS-BFF-EFF2		
						Field Sample ID:	GWTS-INF2-040721			GWTS-GAC2-040721			GWTS-EFF2-040721			GWTS-EFF2DUP-040721		
						Sample Date:	4/7/2021			4/7/2021			4/7/2021			4/7/2021		
						Sample Type:	REG			REG			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	0.011	J	0.019	ND	U	0.02	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Manganese, dissolved	0.2	NS	NS	0.2	0.02	--	0.0052	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
Field Parameters		Temperature (°C)	NA	NA	NA	NA	19.9			19.8			19.9			19.9		
		Spec Cond (µS/cm)	NA	NA	NA	NA	425.8			424.6			384.2			384.2		
		pH (S.U.)	NA	NA	NA	NA	7.8			7.46			7.5			7.5		
		ORP (mV)	NA	NA	NA	NA	174.5			117.5			84.2			84.2		
		DO (mg/L)	NA	NA	NA	NA	7.06			1.07			5.15			5.15		

Table 7-5
Monthly Groundwater Treatment System Performance Analytical Results for Train 2, Q2 2021

			Well Location ID:				GWTS-BFF-INF2			GWTS-BFF-GAC2			GWTS-BFF-EFF2		
			Field Sample ID:				GWTS-INF2-050521			GWTS-GAC2-050521			GWTS-EFF2-050521		
			Sample Date:				5/5/2021			5/5/2021			5/5/2021		
			Sample Type:				REG			REG			REG		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	0.015	J	0.019	ND	U	0.02	ND	U	0.02
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.1	ND	U	0.1	0.049	J	0.1
		Manganese, dissolved	0.2	NS	NS	0.2	0.0077	J	0.0052	ND	U	0.0052	ND	U	0.0052
Field Parameters		Temperature (°C)	NA	NA	NA	NA	20.2			20.3			20.3		
		Spec Cond (µS/cm)	NA	NA	NA	NA	448.8			447.9			447.5		
		pH (S.U.)	NA	NA	NA	NA	7.55			7.16			7.17		
		ORP (mV)	NA	NA	NA	NA	127.3			100.9			59.5		
		DO (mg/L)	NA	NA	NA	NA	4.56			0.51			4.32		

Table 7-5
Monthly Groundwater Treatment System Performance Analytical Results for Train 2, Q2 2021

						Well Location ID:	GWTS-BFF-INF2			GWTS-BFF-GAC2			GWTS-BFF-EFF2			GWTS-BFF-EFF2		
						Field Sample ID:	GWTS-INF2-060321			GWTS-GAC2-060321			GWTS-EFF2-060321			GWTS-EFF2DUP-060321		
						Sample Date:	6/3/2021			6/3/2021			6/3/2021			6/3/2021		
						Sample Type:	REG			REG			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.1	0.05	0.075	0.05	0.013	J	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
VOCs	Method SW8260C (µg/L)	Benzene	5	5	4.5	5	ND	U	0.6	ND	U	0.6	ND	U	0.6	ND	U	0.6
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
Dissolved Metals	Method SW6010C (mg/L)	Iron, dissolved	1.0	NS	NS	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Manganese, dissolved	0.2	NS	NS	0.2	0.0044	J	0.0052	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052
Field Parameters		Temperature (°C)	NA	NA	NA	NA	20.4			20.4			20.5			20.5		
		Spec Cond (µS/cm)	NA	NA	NA	NA	365.5			364.2			364.8			364.8		
		pH (S.U.)	NA	NA	NA	NA	7.61			7.2			7.26			7.26		
		ORP (mV)	NA	NA	NA	NA	125.5			76.9			62.3			62.3		
		DO (mg/L)	NA	NA	NA	NA	5.25			0.52			3.98			3.98		

Table 7-5
Monthly Groundwater Treatment System Performance Analytical Results for Train 2, Q2 2021

[a] NM WQCC numeric standards per the New Mexico Administrative Code Title 20.6.2.3101A, Standards for Groundwater of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC, 2018).

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (November 2020) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC numeric standard or MCL exists for any analyte, then the project screening level is the EPA RSL.

µg/L = microgram per liter
µS/cm = microSiemens per centimeter
ºC = degree Celsius
AFB = Air Force Base
DO = dissolved oxygen
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
mg/L= milligram per liter
mV = millivolt
NA = not applicable
ND = nondetect
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not sampled
ORP = oxidation reduction potential
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
Spec Cond = specific conductivity
S.U. = standard unit
Val Qual = validation qualifier
VOC = volatile organic compound
WQCC = Water Quality Control Commission
Shading = detected concentrations
Val Quals based on independent data validation:
-- = validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 7-6
Extraction Well Analytical Results, Q2 2021

			Well Location ID:				KAFB-106228			KAFB-106233			KAFB-106234			KAFB-106239			KAFB-106239		
			Field Sample ID:				GW228-212			GW233-212			GW234-212			GW239-212			GW239-612		
			Sample Date:				5/5/2021			5/5/2021			5/5/2021			5/5/2021			5/5/2021		
			Sample Type:				REG			REG			REG			REG			Field Duplicate		
Parameter	**Analytical Method (units)**	**Analyte**	**NMAC NM WQCC[a]**	**EPA MCL[b]**	**EPA RSL[c]**	**Project Screening Level[d]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
EDB	Method SW8011 (µg/L)	1,2-Dibromoethane	0.05	0.05	0.075	0.05	0.018	J	0.02	ND	U	0.019	ND	U	0.019	ND	U	0.019	ND	U	0.019
BTEX	Method SW8260C (µg/L)	Benzene	5	5	4.6	5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Ethylbenzene	700	700	15	700	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8	ND	U	0.8
		Toluene	1,000	1,000	1,100	1,000	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5	ND	U	0.5
		Xylenes, total	620	10,000	190	620	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8	ND	U	2.8
Metals	Method SW6010C (mg/L)	Calcium	NS	NS	NS	NS	37	--	0.15	58	--	0.15	53	--	0.15	45	--	0.15	43	--	0.15
		Iron, dissolved	1.0	NS	14	1.0	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1	ND	U	0.1
		Magnesium	NS	NS	NS	NS	5.3	--	0.075	8.1	--	0.075	7.3	--	0.075	6.4	--	0.075	6.2	--	0.075
		Manganese, dissolved	0.2	NS	0.43	0.2	ND	U	0.0052	ND	U	0.0052	ND	U	0.0052	0.15	--	0.0052	0.15	--	0.0052
		Potassium	NS	NS	NS	NS	2.2	--	0.45	2.8	--	0.45	2.9	--	0.45	2.4	--	0.45	2.3	--	0.45
		Sodium	NS	NS	NS	NS	24	--	0.5	28	--	0.5	28	--	0.5	25	--	0.5	25	--	0.5
	Method SW6020A (mg/L)	Arsenic	0.01	0.01	0.00052	0.01	0.0011	J	0.0016	0.001	J	0.0016	0.00099	J	0.0016	0.001	J	0.0016	0.0011	J	0.0016
		Lead	0.015	0.015	0.015	0.015	**0.016**	--	0.00025	0.00045	J	0.00025	**0.017**	--	0.00025	0.00071	--	0.00025	0.00071	--	0.00025

Table 7-6
Extraction Well Analytical Results, Q2 2021

[a] NM WQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Ground Water of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2018). For metals, the NM WQCC numeric standard applies to dissolved metals.

[b] EPA National Primary Drinking Water Regulations, MCLs and Secondary MCLs, Title 40CFR Part 141, 143 (May 2018).

[c] EPA Region 6 RSL for Tapwater (May 2021) for hazard index = 1.0 for noncarcinogens and a 10-5 cancer risk level for carcinogens.

[d] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NM WQCC numeric standard or (2) EPA MCL. If no NM WQCC standard or MCL exists for an analyte, then the project screening level is the EPA RSL.

µg/L = microgram per liter
AFB = Air Force Base
AMSL = above mean sea level
BTEX = benzene, toluene, ethylbenzene, and total xylenes
CFR = Code of Federal Regulations
EDB = 1,2-dibromoethane (ethylene dibromide)
EPA = U.S. Environmental Protection Agency
ft = foot (feet)
ID = identification
LOD = limit of detection
MCL = maximum contaminant level
mg/L = milligrams per liter
ND = not detected
NM = New Mexico
NMAC = New Mexico Administrative Code
NS = not specified
Q2 = second quarter
REG = normal field sample
RSL = regional screening level
Val Qual = validation qualifier
WQCC = Water Quality Control Commission
Shading = detected concentrations
Bold/Shading = reported concentrations exceed the project screening level

Validation Qualifiers based on independent data validation:

-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 7-7
Groundwater Treatment System EDB Removal, Q2 2021

Treatment Train	Month	Date[a]	Cumulative Volume Extracted (gal)	Monthly Volume Treated (gal)	Influent EDB Concentration (µg/L)[b]	Cumulative Mass of EDB Extracted (mg)	Mass of EDB Removed (mg)[c]
Train 1	April	3/29/2021	668,281,800	16,015,900	ND < 0.019	82,023	0
		4/5/2021	671,600,800		ND < 0.019	82,023	
		4/12/2021	674,928,500		ND < 0.019	82,023	
		4/19/2021	678,191,000		ND < 0.019	82,023	
		4/26/2021	681,525,600		ND < 0.019	82,023	
	May	5/3/2021	684,297,700	13,745,400	ND < 0.019	82,023	0
		5/10/2021	687,628,800		ND < 0.019	82,023	
		5/17/2021	690,940,600		ND < 0.019	82,023	
		5/24/2021	694,263,400		ND < 0.019	82,023	
	June	6/1/2021	698,043,100	12,556,300	ND < 0.019	82,023	0
		6/7/2021	700,890,900		ND < 0.019	82,023	
		6/14/2021	704,180,000		ND < 0.019	82,023	
		6/21/2021	707,502,900		ND < 0.019	82,023	
		6/28/2021	710,599,400		ND < 0.019	82,023	
Train 2	April	3/29/2021	424,367,800	9,984,500	ND < 0.019	52,758	329
		4/5/2021	426,450,800		ND < 0.019	52,758	
		4/12/2021	428,528,900		0.011 J	52,845	
		4/19/2021	430,557,900		0.011 J	52,929	
		4/26/2021	432,631,000		0.011 J	53,016	
	May	5/3/2021	434,352,300	8,492,200	0.011 J	53,087	465
		5/10/2021	436,423,900		0.015 J	53,205	
		5/17/2021	438,469,800		0.015 J	53,321	
		5/24/2021	440,517,500		0.015 J	53,437	
	June	6/1/2021	442,844,500	7,744,300	0.013 J	53,552	381
		6/7/2021	444,597,200		0.013 J	53,638	
		6/14/2021	446,614,200		0.013 J	53,738	
		6/21/2021	448,654,300		0.013 J	53,838	
		6/28/2021	450,588,800		0.013 J	53,933	
Q2 2021 Train 1 Total				42,317,600			0
Q2 2021 Train 2 Total				26,221,000			1,175
Q2 2021 Total				68,538,600			1,175

Table 7-7
Groundwater Treatment System EDB Removal, Q2 2021

[a] Monthly date ranges may include dates falling outside of the actual month as weekly human machine interface data retrievals occur every Monday.

[b] The analytical result from the most recent monthly sample is used for the influent EDB concentration (Tables 7-5 and 7-6). Where EDB is non-detect, a concentration of 0 is used for the purpose of mass calculation and is displayed in this table as ND < [LOD].

[c] The mass of EDB removed is the sum of the weekly mass of EDB removed, which is the influent EDB concentration multiplied by the weekly treated volume, which is calculated each Monday from the difference in effluent totalizer readings since the previous Monday.

< = less than
µg/L = microgram per liter
EDB = 1,2-dibromomethane (ethylene dibromide)
gal = gallon(s)
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
LOD = limit of detection
mg = milligram
ND = non-detect
Q2 = second quarter .

Table 7-8
Groundwater Treatment System Routine Maintenance Schedule, Q2 2021

	Frequency			
Maintenance Activity	**Daily**	**Weekly**	**Monthly**	**As Needed**
Recording and inspecting influent, GAC vessel, and effluent skid pressure, flow rate, and totalizer readings from their respective gauges and the human machine interface	X			
Recording extraction well pressure, flow rate, and totalizer readings from the human machine interface	X			
Recording extraction well pressure, flow rate, and totalizer readings from the gauges at the well vaults		X		
Inspecting well control house and recording well control house pressure, flow rate, and totalizer readings		X		
Recording totalizer reading at KAFB-7 and KAFB-106IN2		X		
Running and inspecting the GWTS air compressor		X		
Inspecting extraction well, conveyance line, and air release valve vaults			X	
Inspecting wellhead and associated equipment of injection well KAFB-7 and KAFB-106IN2			X	
Inspecting and performing maintenance of flowmeters throughout the system			X	
Inspecting and performing maintenance on actuating valves throughout the system			X	
Performing confined space entries			X	
Gauging extraction well filter pack			X	
Testing of uninterruptible power supplies			X	
Semiannual inspections and maintenance of Tijeras Arroyo Golf Course ponds				X
Logging lockout-tagout entries				X
Logging system shutdowns				X
Emptying stormwater runoff flooded vaults				X
Performing air compressor maintenance				X
Cleaning GWTS sumps				X
Draining air release valve containment vessels				X
Grounds keeping including vegetation control				X
Inspecting and cleaning the GWTS Wye-strainer/basket strainer				X
Performing flow meter calibration				X[a]
Greasing pump bearings				X[b]
Changing process pump oil				X[b]
Changing air filter on control room air conditioner				X[b]
Changing bag filters				X[c]
Changing out GAC				X[d]
Disinfection of extraction wells and conveyance lines				X[e]
Testing of alarms and interlocks				X[f]
Cleaning coils and replacing air filter for the Well Control House air conditioner				X[g]
GAC skimming of the lead GAC vessel				X[h]

Table 7-8
Groundwater Treatment System Routine Maintenance Schedule, Q2 2021

[a] Flowmeters are calibrated at a minimum of once per year, but may be calibrated more often as needed.

[b] Changing of process pump oil, greasing pump bearings, and replacing the air filter in the air conditioning unit are required every 3 months, but may be changed more often as needed.

[c] Bag filters are scheduled for change out when the pressure differential across a bag filter vessel exceeds 4 psid

[d] GAC is scheduled for change out when any regulated constituent leaving the lead GAC vessel reaches 90% of the discharge limit.

[e] Disinfection of extraction wells and conveyance lines occurs on an as needed basis.

[f] Testing of alarms and interlocks occurs semi-annually or more often as needed.

[g] Cleaning of the coil and replacing of the air filter are scheduled as quarterly activities, but frequency may be adjusted as necessary.

[h] GAC skimming is performed when the differential pressure in the lead GAC vessel has increased from the operational differential pressure by at least 7 psid.

GAC = granular activated carbon
GWTS = groundwater treatment system
psi = pound per square inch
psid = pound per square inch differential
Q2 = second quarter

Table 7-9
Groundwater Treatment System Non-Routine Maintenance Items, Q2 2021

Date	Extent of Shutdown	Approximate Downtime (hours)	Cause of Shutdown
4/8/2021	KAFB-106239	0.58	VFD overcurrent
4/13/2021	GWTS	1.43	UPS testing
4/16/2021	GWTS	1.00	Faulty pressure transducer
4/26/2021	GWTS	7.05	Conditioning of injection well KAFB-106IN2
4/27/2021	GWTS	9.75	Conditioning of injection well KAFB-106IN2
4/28/2021	GWTS	7.07	Conditioning of injection well KAFB-106IN2
4/29/2021	GWTS	6.07	Conditioning of injection well KAFB-106IN2
5/25/2021	GWTS	1.15	UPS testing
6/8/2021	GWTS	1.25	UPS testing
6/22/2021	KAFB-106228	8.08	Electrical shed break-in
6/26/2021	KAFB-106233, KAFB-106234, KAFB-106239	11.08	Power surge

GWTS = groundwater treatment system
Q2 = second quarter
UPS = uninterupted power supply
VFD = variable frequency drive

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106108-025			KAFB-106109-025			KAFB-106110-025			KAFB-106111-025		
			Field Sample ID:	SV108-025-212			SV109-025-212			SV110-025-212			SV111-025-212		
			Sample Date:	4/19/2021			4/13/2021			4/13/2021			4/6/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	1.04E+06	110	--	0.75	6.3	--	0.77	9.7	--	0.87	85	--	24
	1,1-dichloroethane	µg/m³	5.85E+02	ND	U	1.5	ND	U	1.5	ND	U	1.7	ND	U	47
	1,2,4-trichlorobenzene	µg/m³	6.95E+01	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	45
	1,2,4-trimethylbenzene	µg/m³	NS	ND	U	0.75	ND	U	0.77	ND	U	0.87	14	J	24
	1,2-dibromoethane	µg/m³	1.56E+00	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	1,2-dichloroethane	µg/m³	3.60E+01	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	1,3,5-trimethylbenzene	µg/m³	NS	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	1,3-butadiene	µg/m³	3.12E+01	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	45
	1,4-dioxane	µg/m³	1.87E+02	ND	U	0.75	ND	U	0.77	0.65	J	0.87	ND	U	24
	2-butanone	µg/m³	1.74E+05	4.9	--	1.4	3.2	J	1.4	3.8	J	1.6	40	J	45
	2-hexanone	µg/m³	NS	0.59	J	0.75	0.49	J	0.77	0.89	J	0.87	ND	U	24
	4-methyl-2-pentanone	µg/m³	1.04E+05	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	Acetone	µg/m³	1.08E+06	7.1	J	12	14	J	12	18	J	14	290	J	380
	Benzene	µg/m³	1.20E+02	ND	U	0.75	0.40	J	0.77	1.1	J	0.87	22	J	24
	Bromodichloromethane	µg/m³	2.53E+01	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	Bromoform	µg/m³	8.51E+02	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	45
	Carbon disulfide	µg/m³	2.43E+04	ND	U	2.4	ND	U	2.4	3.8	J	2.8	ND	U	76
	Carbon tetrachloride	µg/m³	1.56E+02	8.3	--	0.75	ND	U	0.77	7.4	--	0.87	69	J	24
	Chloroethane	µg/m³	3.48E+05	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	45
	Chloroform	µg/m³	4.07E+01	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	Chloromethane	µg/m³	5.20E+02	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	45
	Cyclohexane	µg/m³	NS	ND	U	1.5	ND	U	1.5	ND	U	1.7	ND	U	48
	Dibromochloromethane	µg/m³	3.47E+01	ND	U	0.75	ND	U	0.77	ND	U	0.87	ND	U	24
	Dichlorodifluoromethane	µg/m³	3.48E+03	3.8	--	1.4	2.3	J	1.4	5.2	--	1.6	60	J	45
	Ethanol	µg/m³	NS	21	J	3.7	14	J	3.8	16	J	4.2	1400	--	120
	Ethyl acetate	µg/m³	2.43E+03	ND	U	2.9	4.0	J	2.9	260	--	3.3	50	J	92
	Ethylbenzene	µg/m³	3.74E+02	ND	U	0.75	ND	U	0.77	ND	U	0.87	14	J	24
	Hexane	µg/m³	2.43E+04	ND	U	1.4	ND	U	1.4	ND	U	1.6	39	J	45
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	NS	58	--	2.8	ND	U	2.9	3.9	J	3.2	86	J	89
	m,p-Xylene	µg/m³	3.48E+03	ND	U	1.5	0.67	J	1.5	ND	U	1.7	40	J	48
	Methylene Chloride	µg/m³	2.09E+04	ND	U	1.4	ND	U	1.4	ND	U	1.6	250	--	45
	Naphthalene	µg/m³	2.75E+01	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	44
	n-Heptane	µg/m³	NS	ND	U	1.4	ND	U	1.4	ND	U	1.6	19	J	45
	o-Xylene	µg/m³	3.48E+03	ND	U	0.75	ND	U	0.77	ND	U	0.87	15	J	24
	Propylene (propene)	µg/m³	NS	7.1	--	1.4	0.82	J	1.4	2.3	J	1.6	ND	U	45
	Styrene	µg/m³	NS	ND	U	1.4	ND	U	1.4	ND	U	1.6	ND	U	45
	Tetrachloroethene	µg/m³	1.39E+03	1.3	J	0.75	0.68	J	0.77	2.1	J	0.87	ND	U	24
	Tetrahydrofuran	µg/m³	NS	ND	U	0.75	ND	U	0.77	1.5	J	0.87	ND	U	24
	Toluene	µg/m³	1.74E+05	0.34	J	0.75	1.0	J	0.77	4.7	--	0.87	130	--	24
	Trichloroethene	µg/m³	6.95E+01	ND	U	0.75	0.34	J	0.77	0.86	J	0.87	33	J	24
	Trichlorofluoromethane	µg/m³	2.43E+04	1.8	J	1.4	1.2	J	1.4	1.4	J	1.6	17	J	45
	Vinyl chloride	µg/m³	5.59E+01	ND	U	0.75	ND	U	0.77	ND	U	0.87	14	J	24
	Xylenes, Total	µg/m³	3.48E+03	ND	U	1.5	0.67	J	1.5	ND	U	1.7	55	J	48

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106112-025			KAFB-106113-020			KAFB-106114-025			KAFB-106115-025		
			Field Sample ID:	SV112-025-212			SV113-020-212			SV114-025-212			SV115-025-212		
			Sample Date:	4/19/2021			4/13/2021			4/6/2021			4/13/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	62	--	0.79	1.5	J	0.76	49	--	0.78	0.55	J	0.75
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.5	ND	U	1.5	ND	U	1.5	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m^3	NS	0.49	J	0.79	30	--	0.76	ND	U	0.78	20	--	0.75
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	1,3,5-trimethylbenzene	µg/m^3	NS	ND	U	0.79	6.4	--	0.76	0.43	J	0.78	8.5	--	0.75
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	2-butanone	µg/m^3	1.74E+05	0.72	J	1.5	2.7	J	1.4	2.2	J	1.5	10	--	1.4
	2-hexanone	µg/m^3	NS	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	0.79	ND	U	0.76	ND	U	0.78	0.55	J	0.75
	Acetone	µg/m^3	1.08E+06	ND	U	13	10	J	12	14	J	12	19	J	12
	Benzene	µg/m^3	1.20E+02	0.49	J	0.79	0.49	J	0.76	2.5	--	0.78	2.5	--	0.75
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	Bromoform	µg/m^3	8.51E+02	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Carbon disulfide	µg/m^3	2.43E+04	1.2	J	2.5	1.7	J	2.4	ND	U	2.5	3.5	J	2.4
	Carbon tetrachloride	µg/m^3	1.56E+02	17	--	0.79	2.6	--	0.76	40	--	0.78	3.0	--	0.75
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Chloroform	µg/m^3	4.07E+01	8.2	--	0.79	1.2	J	0.76	0.94	J	0.78	0.86	J	0.75
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Cyclohexane	µg/m^3	NS	ND	U	1.6	4.6	--	1.5	2.9	J	1.6	1.6	J	1.5
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	Dichlorodifluoromethane	µg/m^3	3.48E+03	12	--	1.5	4.9	--	1.4	300	--	1.5	2.2	J	1.4
	Ethanol	µg/m^3	NS	5.5	J	3.9	10	J	3.7	20	J	3.8	34	--	3.7
	Ethyl acetate	µg/m^3	2.43E+03	14	--	3	1.9	J	2.9	52	J	3	ND	U	2.9
	Ethylbenzene	µg/m^3	3.74E+02	ND	U	0.79	3.2	--	0.76	0.35	J	0.78	3.0	--	0.75
	Hexane	µg/m^3	2.43E+04	ND	U	1.5	6.2	--	1.4	3.9	--	1.5	1.9	J	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	ND	U	2.9	ND	U	2.8	3.8	J	2.9	14	--	2.8
	m,p-Xylene	µg/m^3	3.48E+03	ND	U	1.6	19	--	1.5	1.1	J	1.6	17	--	1.5
	Methylene Chloride	µg/m^3	2.09E+04	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Naphthalene	µg/m^3	2.75E+01	ND	U	1.4	9.5	--	1.4	ND	U	1.4	4.7	--	1.4
	n-Heptane	µg/m^3	NS	ND	U	1.5	5.1	--	1.4	2.4	J	1.5	4.5	--	1.4
	o-Xylene	µg/m^3	3.48E+03	ND	U	0.79	5.3	--	0.76	1.3	J	0.78	6.5	--	0.75
	Propylene (propene)	µg/m^3	NS	0.64	J	1.5	0.69	J	1.4	2.0	J	1.5	6.7	--	1.4
	Styrene	µg/m^3	NS	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4
	Tetrachloroethene	µg/m^3	1.39E+03	1.4	J	0.79	1.8	J	0.76	12	--	0.78	0.74	J	0.75
	Tetrahydrofuran	µg/m^3	NS	1.4	J	0.79	0.39	J	0.76	0.75	J	0.78	ND	U	0.75
	Toluene	µg/m^3	1.74E+05	1.1	J	0.79	3.8	--	0.76	3.8	--	0.78	15	--	0.75
	Trichloroethene	µg/m^3	6.95E+01	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	Trichlorofluoromethane	µg/m^3	2.43E+04	3.9	--	1.5	1.3	J	1.4	41	--	1.5	1.1	J	1.4
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.79	ND	U	0.76	ND	U	0.78	ND	U	0.75
	Xylenes, Total	µg/m^3	3.48E+03	ND	U	1.6	24	--	1.5	2.4	J	1.6	24	--	1.5

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

				Location ID:	KAFB-106115-025			KAFB-106116-025			KAFB-106117-025			KAFB-106118-025		
				Field Sample ID:	SV115-025-612			SV116-025-212			SV117-025-212			SV118-025-212		
				Sample Date:	4/13/2021			4/6/2021			4/6/2021			4/19/2021		
				Sample Type:	Field Duplicate			REG			REG			REG		
				Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	0.56	J	0.8	34	--	0.87	150	--	0.86	33	--	0.85
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.6	ND	U	1.7	ND	U	1.7	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.6
	1,2,4-trimethylbenzene	µg/m^3	NS	31	--	0.8	7.9	--	0.87	8	--	0.86	ND	U	0.85
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	0.8	ND	U	0.87	ND	U	0.86	ND	U	0.85
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.8	ND	U	0.87	ND	U	0.86	ND	U	0.85
	1,3,5-trimethylbenzene	µg/m^3	NS	11	--	0.8	2.3	J	0.87	4.2	--	0.86	0.63	J	0.85
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.6
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.8	ND	U	0.87	ND	U	0.86	ND	U	0.85
	2-butanone	µg/m^3	1.74E+05	11	--	1.5	6.0	--	1.6	5	J	1.6	6.2	--	1.6
	2-hexanone	µg/m^3	NS	ND	U	0.8	1.6	J	0.87	ND	U	0.86	1.6	J	0.85
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	0.8	0.45	J	0.87	ND	U	0.86	ND	U	0.85
	Acetone	µg/m^3	1.08E+06	14	J	13	39	--	14	22	J	14	11	J	13
	Benzene	µg/m^3	1.20E+02	4.5	--	0.8	0.79	J	0.87	0.73	J	0.86	ND	U	0.85
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	0.8	ND	U	0.87	ND	U	0.86	ND	U	0.85
	Bromoform	µg/m^3	8.51E+02	ND	U	1.5	ND	U	1.6	0.62	J	1.6	ND	U	1.6
	Carbon disulfide	µg/m^3	2.43E+04	2.0	J	2.5	5.8	--	2.8	1	J	2.7	1.9	J	2.7
	Carbon tetrachloride	µg/m^3	1.56E+02	2.9	--	0.8	8.5	--	0.87	27	--	0.86	10	--	0.85
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.6
	Chloroform	µg/m^3	4.07E+01	0.85	J	0.8	0.52	J	0.87	0.67	J	0.86	0.91	J	0.85
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.5	0.50	J	1.6	1.7	J	1.6	ND	U	1.6
	Cyclohexane	µg/m^3	NS	2.3	J	1.6	5.0	J	1.7	1.1	J	1.7	0.88	J	1.7
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	0.8	ND	U	0.87	ND	U	0.86	ND	U	0.85
	Dichlorodifluoromethane	µg/m^3	3.48E+03	2.1	J	1.5	86	--	1.6	97	--	1.6	5.4	--	1.6
	Ethanol	µg/m^3	NS	28	--	3.9	8.0	J	4.3	7.2	J	4.2	26	J	4.1
	Ethyl acetate	µg/m^3	2.43E+03	ND	U	3.1	ND	U	3.3	ND	U	3.3	ND	U	3.2
	Ethylbenzene	µg/m^3	3.74E+02	5.4	--	0.8	1.3	J	0.87	1.4	J	0.86	ND	U	0.85
	Hexane	µg/m^3	2.43E+04	3.6	--	1.5	0.89	J	1.6	1.2	J	1.6	ND	U	1.6
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	2.4	J	3	1.9	J	3.2	1.4	J	3.2	1.7	J	3.1
	m,p-Xylene	µg/m^3	3.48E+03	30	--	1.6	16	--	1.7	14	--	1.7	ND	U	1.7
	Methylene Chloride	µg/m^3	2.09E+04	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.6
	Naphthalene	µg/m^3	2.75E+01	8.1	--	1.5	1.5	J	1.6	1.2	J	1.6	ND	U	1.5
	n-Heptane	µg/m^3	NS	8.9	--	1.5	2.7	--	1.6	5.1	--	1.6	0.58	J	1.6
	o-Xylene	µg/m^3	3.48E+03	10	--	0.8	7.2	--	0.87	9.9	--	0.86	0.97	J	0.85
	Propylene (propene)	µg/m^3	NS	1.7	J	1.5	2.3	J	1.6	1.4	J	1.6	ND	U	1.6
	Styrene	µg/m^3	NS	ND	U	1.5	ND	U	1.6	ND	U	1.6	ND	U	1.6
	Tetrachloroethene	µg/m^3	1.39E+03	0.77	J	0.8	0.55	J	0.87	4.6	--	0.86	0.38	J	0.85
	Tetrahydrofuran	µg/m^3	NS	ND	U	0.8	ND	U	0.87	0.83	J	0.86	0.41	J	0.85
	Toluene	µg/m^3	1.74E+05	27	--	0.8	3.6	--	0.87	6	--	0.86	1.2	J	0.85
	Trichloroethene	µg/m^3	6.95E+01	ND	U	0.8	1.0	J	0.87	ND	U	0.86	ND	U	0.85
	Trichlorofluoromethane	µg/m^3	2.43E+04	1.1	J	1.5	11	--	1.6	14	--	1.6	3.9	--	1.6
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.8	ND	U	0.87	ND	U	0.86	ND	U	0.85
	Xylenes, Total	µg/m^3	3.48E+03	40	--	1.6	24	--	1.7	24	--	1.7	0.97	J	1.7

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106119-025			KAFB-106120-025			KAFB-106120-025			KAFB-106121-025		
			Field Sample ID:	SV119-025-212			SV120-025-212			SV120-025-612			SV121-025-212		
			Sample Date:	4/20/2021			4/12/2021			4/12/2021			4/12/2021		
			Sample Type:	REG			REG			Field Duplicate			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	25	--	0.81	0.60	J	0.88	0.58	J	0.71	0.74	J	1.1
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.6	ND	U	1.7	ND	U	1.4	ND	U	2.1
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	2
	1,2,4-trimethylbenzene	µg/m^3	NS	17	--	0.81	44	--	0.88	54	--	0.71	56	--	1.1
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	0.81	ND	U	0.88	ND	U	0.71	ND	U	1.1
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.81	ND	U	0.88	ND	U	0.71	ND	U	1.1
	1,3,5-trimethylbenzene	µg/m^3	NS	3.6	--	0.81	10	--	0.88	13	--	0.71	14	--	1.1
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	2
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.81	ND	U	0.88	ND	U	0.71	ND	U	1.1
	2-butanone	µg/m^3	1.74E+05	4.0	J	1.5	5.9	--	1.6	7.1	--	1.3	5.7	J	2
	2-hexanone	µg/m^3	NS	0.88	J	0.81	2.6	J	0.88	ND	U	0.71	1.6	J	1.1
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	0.81	0.43	J	0.88	0.31	J	0.71	ND	U	1.1
	Acetone	µg/m^3	1.08E+06	18	J	13	18	J	14	27	--	11	29	J	17
	Benzene	µg/m^3	1.20E+02	0.43	J	0.81	1.1	J	0.88	5.2	--	0.71	0.81	J	1.1
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	0.81	**120**	--	0.88	**110**	--	0.71	**53**	--	1.1
	Bromoform	µg/m^3	8.51E+02	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	2
	Carbon disulfide	µg/m^3	2.43E+04	ND	U	2.6	40	--	2.8	1.9	J	2.3	ND	U	3.4
	Carbon tetrachloride	µg/m^3	1.56E+02	1.3	J	0.81	3.3	--	0.88	3.1	--	0.71	13	--	1.1
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	2
	Chloroform	µg/m^3	4.07E+01	0.34	J	0.81	**460**	--	0.88	**430**	--	7.1	**610**	--	1.1
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.5	ND	U	1.6	0.44	J	1.3	ND	U	2
	Cyclohexane	µg/m^3	NS	ND	U	1.6	1.8	J	1.8	2.0	J	1.4	ND	U	2.2
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	0.81	3.6	--	0.88	3.3	--	0.71	2.4	J	1.1
	Dichlorodifluoromethane	µg/m^3	3.48E+03	3.5	--	1.5	4.9	--	1.6	4.8	--	1.3	4.4	--	2
	Ethanol	µg/m^3	NS	8.3	J	4	7.4	J	4.3	13	J	3.5	10	J	5.3
	Ethyl acetate	µg/m^3	2.43E+03	ND	U	3.1	ND	U	3.3	25	--	2.7	10	--	4.1
	Ethylbenzene	µg/m^3	3.74E+02	1.7	J	0.81	4.6	--	0.88	7.2	--	0.71	2.8	J	1.1
	Hexane	µg/m^3	2.43E+04	ND	U	1.5	2.4	J	1.6	2.2	J	1.3	ND	U	2
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	1.4	J	3	ND	U	3.2	4.4	--	2.6	3.1	J	4
	m,p-Xylene	µg/m^3	3.48E+03	10	--	1.6	28	--	1.8	49	--	1.4	18	--	2.2
	Methylene Chloride	µg/m^3	2.09E+04	4.4	--	1.5	2.2	J	1.6	2.8	--	1.3	ND	U	2
	Naphthalene	µg/m^3	2.75E+01	3.9	--	1.5	5.9	--	1.6	5.1	--	1.3	1.9	J	2
	n-Heptane	µg/m^3	NS	1.1	J	1.5	5.4	--	1.6	6.8	--	1.3	0.97	J	2
	o-Xylene	µg/m^3	3.48E+03	2.8	--	0.81	8.6	--	0.88	16	--	0.71	7.3	--	1.1
	Propylene (propene)	µg/m^3	NS	0.70	J	1.5	0.79	J	1.6	2.3	--	1.3	1.6	J	2
	Styrene	µg/m^3	NS	ND	U	1.5	ND	U	1.6	ND	U	1.3	ND	U	2
	Tetrachloroethene	µg/m^3	1.39E+03	0.98	J	0.81	3.6	--	0.88	3.8	--	0.71	5.3	--	1.1
	Tetrahydrofuran	µg/m^3	NS	ND	U	0.81	0.96	J	0.88	1.6	J	0.71	ND	U	1.1
	Toluene	µg/m^3	1.74E+05	4.2	--	0.81	9.1	--	0.88	30	--	0.71	3.9	--	1.1
	Trichloroethene	µg/m^3	6.95E+01	ND	U	0.81	2.2	J	0.88	2.2	--	0.71	2.2	J	1.1
	Trichlorofluoromethane	µg/m^3	2.43E+04	1.4	J	1.5	1.3	J	1.6	1.4	J	1.3	1.1	J	2
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.81	ND	U	0.88	ND	U	0.71	ND	U	1.1
	Xylenes, Total	µg/m^3	3.48E+03	13	--	1.6	37	--	1.8	65	--	1.4	25	--	2.2

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106122-025			KAFB-106123-025			KAFB-106124-025			KAFB-106125-025		
			Field Sample ID:	SV122-025-212			SV123-025-212			SV124-025-212			SV125-025-212		
			Sample Date:	4/12/2021			4/12/2021			4/5/2021			4/5/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	0.45	J	0.79	0.65	J	0.78	0.45	J	0.64	0.48	J	0.86
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.5	ND	U	1.5	ND	U	1.2	ND	U	1.7
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.5	ND	U	1.5	ND	U	1.2	ND	U	1.6
	1,2,4-trimethylbenzene	µg/m^3	NS	16	--	0.79	120	--	0.78	ND	U	0.64	ND	U	0.86
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	0.79	0.90	J	0.78	ND	U	0.64	ND	U	0.86
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.79	ND	U	0.78	ND	U	0.64	ND	U	0.86
	1,3,5-trimethylbenzene	µg/m^3	NS	3.6	--	0.79	29	--	0.78	ND	U	0.64	ND	U	0.86
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.5	ND	U	1.5	ND	U	1.2	ND	U	1.6
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.79	ND	U	0.78	ND	U	0.64	1.5	J	0.86
	2-butanone	µg/m^3	1.74E+05	3.5	J	1.5	12	--	1.5	3.2	J	1.2	4.5	J	1.6
	2-hexanone	µg/m^3	NS	0.49	J	0.79	6.6	--	0.78	0.38	J	0.64	ND	U	0.86
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	0.79	2.3	J	0.78	ND	U	0.64	ND	U	0.86
	Acetone	µg/m^3	1.08E+06	6.9	J	13	51	--	12	24	--	10	18	J	14
	Benzene	µg/m^3	1.20E+02	ND	U	0.79	3.1	--	0.78	0.35	J	0.64	0.42	J	0.86
	Bromodichloromethane	µg/m^3	2.53E+01	22	--	0.79	**270**	--	0.78	**110**	--	0.64	**78**	--	0.86
	Bromoform	µg/m^3	8.51E+02	ND	U	1.5	0.78	J	1.5	ND	U	1.2	ND	U	1.6
	Carbon disulfide	µg/m^3	2.43E+04	1.0	J	2.5	ND	U	2.5	2.1	J	2	3	J	2.7
	Carbon tetrachloride	µg/m^3	1.56E+02	3.8	--	0.79	4.7	--	0.78	6.8	--	0.64	7.1	--	0.86
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.5	ND	U	1.5	ND	U	1.2	ND	U	1.6
	Chloroform	µg/m^3	4.07E+01	**260**	--	0.79	**510**	--	7.8	**1300**	--	6.4	**760**	--	8.6
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.5	ND	U	1.5	0.36	J	1.2	ND	U	1.6
	Cyclohexane	µg/m^3	NS	ND	U	1.6	4.9	--	1.6	ND	U	1.3	ND	U	1.7
	Dibromochloromethane	µg/m^3	3.47E+01	0.59	J	0.79	28	--	0.78	2.2	--	0.64	1.1	J	0.86
	Dichlorodifluoromethane	µg/m^3	3.48E+03	2.4	J	1.5	4.2	--	1.5	2.6	--	1.2	2.6	J	1.6
	Ethanol	µg/m^3	NS	20	J	3.9	11	J	3.8	54	--	3.1	21	J	4.2
	Ethyl acetate	µg/m^3	2.43E+03	ND	U	3	2.9	J	3	ND	U	2.5	ND	U	3.3
	Ethylbenzene	µg/m^3	3.74E+02	1.6	J	0.79	19	--	0.78	ND	U	0.64	ND	U	0.86
	Hexane	µg/m^3	2.43E+04	ND	U	1.5	2.8	--	1.5	ND	U	1.2	ND	U	1.6
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	ND	U	2.9	2.3	J	2.9	3.1	J	2.4	2.2	J	3.2
	m,p-Xylene	µg/m^3	3.48E+03	9.4	--	1.6	110	--	1.6	0.61	J	1.3	ND	U	1.7
	Methylene Chloride	µg/m^3	2.09E+04	ND	U	1.5	6.8	--	1.5	2.6	--	1.2	1.7	J	1.6
	Naphthalene	µg/m^3	2.75E+01	6.5	--	1.4	**37**	--	1.4	ND	U	1.2	ND	U	1.6
	n-Heptane	µg/m^3	NS	0.51	J	1.5	12	--	1.5	ND	U	1.2	ND	U	1.6
	o-Xylene	µg/m^3	3.48E+03	3.0	--	0.79	35	--	0.78	ND	U	0.64	ND	U	0.86
	Propylene (propene)	µg/m^3	NS	ND	U	1.5	1.9	J	1.5	0.82	J	1.2	0.73	J	1.6
	Styrene	µg/m^3	NS	ND	U	1.5	ND	U	1.5	ND	U	1.2	ND	U	1.6
	Tetrachloroethene	µg/m^3	1.39E+03	2.3	J	0.79	3.3	--	0.78	4.7	--	0.64	9.5	--	0.86
	Tetrahydrofuran	µg/m^3	NS	0.48	J	0.79	0.84	J	0.78	1.9	J	0.64	8.3	--	0.86
	Toluene	µg/m^3	1.74E+05	2.5	--	0.79	34	--	0.78	1.1	J	0.64	0.95	J	0.86
	Trichloroethene	µg/m^3	6.95E+01	1.8	J	0.79	1.5	J	0.78	3.4	--	0.64	1.3	J	0.86
	Trichlorofluoromethane	µg/m^3	2.43E+04	1.0	J	1.5	1.3	J	1.5	1.2	J	1.2	1.3	J	1.6
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.79	ND	U	0.78	ND	U	0.64	ND	U	0.86
	Xylenes, Total	µg/m^3	3.48E+03	12	--	1.6	140	--	1.6	0.61	J	1.3	ND	U	1.7

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106126-025			KAFB-106127-025			KAFB-106128-025			KAFB-106129-025		
			Field Sample ID:	SV126-025-212			SV127-025-212			SV128-025-212			SV129-025-212		
			Sample Date:	4/20/2021			4/5/2021			4/6/2021			4/19/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	1.04E+06	26	--	0.8	0.43	J	0.88	170	--	1.2	2	J	0.75
	1,1-dichloroethane	µg/m³	5.85E+02	ND	U	1.6	ND	U	1.7	ND	U	2.2	ND	U	1.5
	1,2,4-trichlorobenzene	µg/m³	6.95E+01	ND	U	1.5	ND	U	1.7	ND	U	2.2	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	NS	14	--	0.8	0.72	J	0.88	42	--	1.2	11	--	0.75
	1,2-dibromoethane	µg/m³	1.56E+00	ND	U	0.8	ND	U	0.88	ND	U	1.2	ND	U	0.75
	1,2-dichloroethane	µg/m³	3.60E+01	ND	U	0.8	ND	U	0.88	ND	U	1.2	ND	U	0.75
	1,3,5-trimethylbenzene	µg/m³	NS	3.3	--	0.8	ND	U	0.88	9.6	--	1.2	3.2	--	0.75
	1,3-butadiene	µg/m³	3.12E+01	ND	U	1.5	ND	U	1.7	ND	U	2.2	ND	U	1.4
	1,4-dioxane	µg/m³	1.87E+02	ND	U	0.8	ND	U	0.88	ND	U	1.2	ND	U	0.75
	2-butanone	µg/m³	1.74E+05	1.9	J	1.5	3.9	J	1.7	4.5	J	2.2	5.9	--	1.4
	2-hexanone	µg/m³	NS	ND	U	0.8	1.1	J	0.88	1.2	J	1.2	1.1	J	0.75
	4-methyl-2-pentanone	µg/m³	1.04E+05	ND	U	0.8	0.87	J	0.88	ND	U	1.2	ND	U	0.75
	Acetone	µg/m³	1.08E+06	8.4	J	13	ND	U	14	21	J	18	7.9	J	12
	Benzene	µg/m³	1.20E+02	0.58	J	0.8	0.7	J	0.88	3.0	J	1.2	3.6	--	0.75
	Bromodichloromethane	µg/m³	2.53E+01	9.2	--	0.8	**59**	--	0.88	ND	U	1.2	ND	U	0.75
	Bromoform	µg/m³	8.51E+02	ND	U	1.5	ND	U	1.7	ND	U	2.2	ND	U	1.4
	Carbon disulfide	µg/m³	2.43E+04	ND	U	2.5	0.93	J	2.8	6.1	J	3.7	2.1	J	2.4
	Carbon tetrachloride	µg/m³	1.56E+02	5.4	--	0.8	11	--	0.88	140	--	1.2	2.1	J	0.75
	Chloroethane	µg/m³	3.48E+05	ND	U	1.5	ND	U	1.7	ND	U	2.2	ND	U	1.4
	Chloroform	µg/m³	4.07E+01	**120**	--	0.8	**600**	--	8.8	5.3	--	1.2	0.43	J	0.75
	Chloromethane	µg/m³	5.20E+02	ND	U	1.5	ND	U	1.7	ND	U	2.2	ND	U	1.4
	Cyclohexane	µg/m³	NS	0.95	J	1.6	1.1	J	1.8	2.0	J	2.3	1.1	J	1.5
	Dibromochloromethane	µg/m³	3.47E+01	ND	U	0.8	0.77	J	0.88	ND	U	1.2	ND	U	0.75
	Dichlorodifluoromethane	µg/m³	3.48E+03	1.8	J	1.5	2.4	J	1.7	720	--	8.7	3.4	--	1.4
	Ethanol	µg/m³	NS	7.4	J	3.9	32	--	4.3	7.3	J	5.6	24	--	3.7
	Ethyl acetate	µg/m³	2.43E+03	ND	U	3.1	ND	U	3.4	ND	U	4.4	ND	U	2.9
	Ethylbenzene	µg/m³	3.74E+02	1.1	J	0.8	1.2	J	0.88	7.4	--	1.2	2.4	--	0.75
	Hexane	µg/m³	2.43E+04	ND	U	1.5	3.5	--	1.7	1.7	J	2.2	1.7	J	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	NS	12	--	3	3.8	J	3.3	ND	U	4.3	3.3	J	2.8
	m,p-Xylene	µg/m³	3.48E+03	6.1	--	1.6	3.7	J	1.8	33	--	2.3	14	--	1.5
	Methylene Chloride	µg/m³	2.09E+04	ND	U	1.5	3.5	--	1.7	ND	U	2.2	ND	U	1.4
	Naphthalene	µg/m³	2.75E+01	3.1	--	1.5	ND	U	1.6	13	--	2.1	3.4	--	1.4
	n-Heptane	µg/m³	NS	0.6	J	1.5	1.4	J	1.7	3.3	J	2.2	4.1	--	1.4
	o-Xylene	µg/m³	3.48E+03	2.1	J	0.8	1.4	J	0.88	12	--	1.2	4.8	--	0.75
	Propylene (propene)	µg/m³	NS	1.8	J	1.5	ND	U	1.7	1.3	J	2.2	1.2	J	1.4
	Styrene	µg/m³	NS	ND	U	1.5	0.87	J	1.7	ND	U	2.2	ND	U	1.4
	Tetrachloroethene	µg/m³	1.39E+03	2.1	J	0.8	3.5	--	0.88	3.2	J	1.2	0.74	J	0.75
	Tetrahydrofuran	µg/m³	NS	ND	U	0.8	2.2	J	0.88	ND	U	1.2	1.3	J	0.75
	Toluene	µg/m³	1.74E+05	2.7	--	0.8	26	--	0.88	23	--	1.2	13	--	0.75
	Trichloroethene	µg/m³	6.95E+01	14	--	0.8	4.4	--	0.88	1.0	J	1.2	ND	U	0.75
	Trichlorofluoromethane	µg/m³	2.43E+04	0.99	J	1.5	1.2	J	1.7	97	--	2.2	1	J	1.4
	Vinyl chloride	µg/m³	5.59E+01	ND	U	0.8	ND	U	0.88	ND	U	1.2	ND	U	0.75
	Xylenes, Total	µg/m³	3.48E+03	8.2	--	1.6	5	J	1.8	46	--	2.3	18	--	1.5

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106130-025			KAFB-106131-025			KAFB-106132-025			KAFB-106133-025		
			Field Sample ID:	SV130-025-212			SV131-025-212			SV132-025-212			SV133-025-212		
			Sample Date:	4/20/2021			4/13/2021			4/12/2021			4/6/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	2.5	--	0.71	32	--	0.89	14	J	18	7.8	--	0.98
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.4	ND	U	1.7	ND	U	35	ND	U	1.9
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.3	ND	U	1.7	ND	U	34	ND	U	1.8
	1,2,4-trimethylbenzene	µg/m^3	NS	59	--	0.71	26	--	0.89	ND	U	18	0.43	J	0.98
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	1,3,5-trimethylbenzene	µg/m^3	NS	14	--	0.71	8.1	--	0.89	ND	U	18	ND	U	0.98
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.3	ND	U	1.7	ND	U	34	ND	U	1.8
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	2-butanone	µg/m^3	1.74E+05	6.2	--	1.3	2.7	J	1.7	ND	U	34	11	--	1.8
	2-hexanone	µg/m^3	NS	1.2	J	0.71	ND	U	0.89	ND	U	18	1.5	J	0.98
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	Acetone	µg/m^3	1.08E+06	11	J	11	15	J	14	ND	U	290	31	--	16
	Benzene	µg/m^3	1.20E+02	1.2	J	0.71	1.5	J	0.89	ND	U	18	0.79	J	0.98
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	Bromoform	µg/m^3	8.51E+02	ND	U	1.3	ND	U	1.7	ND	U	34	ND	U	1.8
	Carbon disulfide	µg/m^3	2.43E+04	1.3	J	2.3	2.7	J	2.8	ND	U	58	2.2	J	3.1
	Carbon tetrachloride	µg/m^3	1.56E+02	0.81	J	0.71	12	--	0.89	8.3	J	18	1.5	J	0.98
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.3	ND	U	1.7	ND	U	34	0.56	J	1.8
	Chloroform	µg/m^3	4.07E+01	0.78	J	0.71	2.3	J	0.89	12	J	18	1.1	J	0.98
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.3	ND	U	1.7	ND	U	34	2.9	J	1.8
	Cyclohexane	µg/m^3	NS	0.69	J	1.4	1.1	J	1.8	ND	U	36	ND	U	2
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	Dichlorodifluoromethane	µg/m^3	3.48E+03	2.7	--	1.3	140	--	1.7	ND	U	34	3.2	--	1.8
	Ethanol	µg/m^3	NS	24	--	3.5	2.3	J	4.3	ND	U	88	16	J	4.8
	Ethyl acetate	µg/m^3	2.43E+03	ND	U	2.7	ND	U	3.4	ND	U	69	ND	U	3.8
	Ethylbenzene	µg/m^3	3.74E+02	5.5	--	0.71	3.6	--	0.89	ND	U	18	ND	U	0.98
	Hexane	µg/m^3	2.43E+04	0.84	J	1.3	1.0	J	1.7	ND	U	34	ND	U	1.8
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	17	--	2.6	ND	U	3.3	ND	U	67	2.0	J	3.6
	m,p-Xylene	µg/m^3	3.48E+03	31	--	1.4	20	--	1.8	ND	U	36	1.2	J	2
	Methylene Chloride	µg/m^3	2.09E+04	ND	U	1.3	0.93	J	1.7	ND	U	34	ND	U	1.8
	Naphthalene	µg/m^3	2.75E+01	13	--	1.3	6.8	--	1.6	ND	U	33	ND	U	1.8
	n-Heptane	µg/m^3	NS	1.9	J	1.3	3.2	--	1.7	ND	U	34	ND	U	1.8
	o-Xylene	µg/m^3	3.48E+03	10	--	0.71	6.7	--	0.89	ND	U	18	0.49	J	0.98
	Propylene (propene)	µg/m^3	NS	3.1	--	1.3	1.6	J	1.7	ND	U	34	1.7	J	1.8
	Styrene	µg/m^3	NS	ND	U	1.3	ND	U	1.7	ND	U	34	ND	U	1.8
	Tetrachloroethene	µg/m^3	1.39E+03	2.3	--	0.71	0.85	J	0.89	23	J	18	9.1	--	0.98
	Tetrahydrofuran	µg/m^3	NS	ND	U	0.71	0.63	J	0.89	ND	U	18	4.6	J	0.98
	Toluene	µg/m^3	1.74E+05	8.2	--	0.71	10	--	0.89	ND	U	18	1.6	J	0.98
	Trichloroethene	µg/m^3	6.95E+01	3.7	--	0.71	ND	U	0.89	**7600**	--	18	**180**	--	0.98
	Trichlorofluoromethane	µg/m^3	2.43E+04	1.1	J	1.3	17	--	1.7	ND	U	34	1.3	J	1.8
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.71	ND	U	0.89	ND	U	18	ND	U	0.98
	Xylenes, Total	µg/m^3	3.48E+03	42	--	1.4	27	--	1.8	ND	U	36	1.7	J	2

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106134-025			KAFB-106135-025			KAFB-106136-025			KAFB-106137-025		
			Field Sample ID:	SV134-025-212			SV135-025-212			SV136-025-212			SV137-025-212		
			Sample Date:	4/12/2021			4/12/2021			4/6/2021			4/12/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)			Off Base			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m³	1.04E+06	1.3	J	0.92	1.2	J	0.82	ND	U	1.3	0.46	J	0.74
	1,1-dichloroethane	µg/m³	5.85E+02	ND	U	1.8	ND	U	1.6	ND	U	2.5	ND	U	1.4
	1,2,4-trichlorobenzene	µg/m³	6.95E+01	ND	U	1.7	ND	U	1.5	ND	U	2.4	ND	U	1.4
	1,2,4-trimethylbenzene	µg/m³	NS	ND	U	0.92	68	--	0.82	1.5	J	1.3	0.68	J	0.74
	1,2-dibromoethane	µg/m³	1.56E+00	ND	U	0.92	0.58	J	0.82	ND	U	1.3	ND	U	0.74
	1,2-dichloroethane	µg/m³	3.60E+01	ND	U	0.92	ND	U	0.82	ND	U	1.3	ND	U	0.74
	1,3,5-trimethylbenzene	µg/m³	NS	ND	U	0.92	52	--	0.82	ND	U	1.3	ND	U	0.74
	1,3-butadiene	µg/m³	3.12E+01	ND	U	1.7	ND	U	1.5	ND	U	2.4	ND	U	1.4
	1,4-dioxane	µg/m³	1.87E+02	ND	U	0.92	ND	U	0.82	ND	U	1.3	ND	U	0.74
	2-butanone	µg/m³	1.74E+05	7.5	--	1.7	1.7	J	1.5	9.6	--	2.4	4.4	--	1.4
	2-hexanone	µg/m³	NS	0.73	J	0.92	ND	U	0.82	2.7	J	1.3	0.85	J	0.74
	4-methyl-2-pentanone	µg/m³	1.04E+05	ND	U	0.92	ND	U	0.82	ND	U	1.3	ND	U	0.74
	Acetone	µg/m³	1.08E+06	7.9	J	15	7.7	J	13	37	J	21	26	--	12
	Benzene	µg/m³	1.20E+02	ND	U	0.92	1.1	J	0.82	0.79	J	1.3	0.90	J	0.74
	Bromodichloromethane	µg/m³	2.53E+01	ND	U	0.92	ND	U	0.82	1.4	J	1.3	ND	U	0.74
	Bromoform	µg/m³	8.51E+02	ND	U	1.7	ND	U	1.5	ND	U	2.4	ND	U	1.4
	Carbon disulfide	µg/m³	2.43E+04	1.8	J	2.9	ND	U	2.6	ND	U	4.1	1.4	J	2.3
	Carbon tetrachloride	µg/m³	1.56E+02	ND	U	0.92	0.60	J	0.82	ND	U	1.3	ND	U	0.74
	Chloroethane	µg/m³	3.48E+05	ND	U	1.7	ND	U	1.5	ND	U	2.4	ND	U	1.4
	Chloroform	µg/m³	4.07E+01	ND	U	0.92	0.71	J	0.82	5.8	--	1.3	0.55	J	0.74
	Chloromethane	µg/m³	5.20E+02	ND	U	1.7	ND	U	1.5	ND	U	2.4	0.44	J	1.4
	Cyclohexane	µg/m³	NS	ND	U	1.8	ND	U	1.6	ND	U	2.6	ND	U	1.5
	Dibromochloromethane	µg/m³	3.47E+01	ND	U	0.92	ND	U	0.82	ND	U	1.3	ND	U	0.74
	Dichlorodifluoromethane	µg/m³	3.48E+03	2.5	J	1.7	2.2	J	1.5	2.4	J	2.4	2.5	--	1.4
	Ethanol	µg/m³	NS	22	J	4.5	3.6	J	4	17	J	6.3	27	--	3.6
	Ethyl acetate	µg/m³	2.43E+03	ND	U	3.5	ND	U	3.1	ND	U	5	42	--	2.8
	Ethylbenzene	µg/m³	3.74E+02	ND	U	0.92	5.7	--	0.82	ND	U	1.3	0.50	J	0.74
	Hexane	µg/m³	2.43E+04	ND	U	1.7	ND	U	1.5	ND	U	2.4	1.1	J	1.4
	Isopropyl alcohol (manufacturing-strong acid)	µg/m³	NS	1.4	J	3.4	1.9	J	3	2.3	J	4.8	5.1	--	2.7
	m,p-Xylene	µg/m³	3.48E+03	ND	U	1.8	170	--	1.6	1.2	J	2.6	2.1	J	1.5
	Methylene Chloride	µg/m³	2.09E+04	ND	U	1.7	ND	U	1.5	ND	U	2.4	2.1	J	1.4
	Naphthalene	µg/m³	2.75E+01	ND	U	1.7	1.8	J	1.5	1.4	J	2.4	ND	U	1.3
	n-Heptane	µg/m³	NS	ND	U	1.7	0.51	J	1.5	ND	U	2.4	0.54	J	1.4
	o-Xylene	µg/m³	3.48E+03	ND	U	0.92	120	--	0.82	ND	U	1.3	0.89	J	0.74
	Propylene (propene)	µg/m³	NS	0.79	J	1.7	1.1	J	1.5	1.7	J	2.4	1.4	J	1.4
	Styrene	µg/m³	NS	ND	U	1.7	ND	U	1.5	ND	U	2.4	ND	U	1.4
	Tetrachloroethene	µg/m³	1.39E+03	0.87	J	0.92	0.82	J	0.82	ND	U	1.3	ND	U	0.74
	Tetrahydrofuran	µg/m³	NS	ND	U	0.92	0.34	J	0.82	ND	U	1.3	ND	U	0.74
	Toluene	µg/m³	1.74E+05	0.73	J	0.92	14	--	0.82	1.4	J	1.3	4.5	--	0.74
	Trichloroethene	µg/m³	6.95E+01	25	--	0.92	**400**	--	0.82	ND	U	1.3	ND	U	0.74
	Trichlorofluoromethane	µg/m³	2.43E+04	1.0	J	1.7	1.2	J	1.5	1.3	J	2.4	1.2	J	1.4
	Vinyl chloride	µg/m³	5.59E+01	ND	U	0.92	ND	U	0.82	ND	U	1.3	ND	U	0.74
	Xylenes, Total	µg/m³	3.48E+03	ND	U	1.8	290	--	1.6	1.2	J	2.6	3.0	J	1.5

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106138-025			KAFB-106139-025			KAFB-106140-025			KAFB-106141-025		
			Field Sample ID:	SV138-025-212			SV139-025-212			SV140-025-212			SV141-025-212		
			Sample Date:	4/6/2021			4/12/2021			4/12/2021			4/6/2021		
			Sample Type:	REG			REG			REG			REG		
			Area of Interest:	Off Base			On Base (Outside the Source Area)			On Base (Outside the Source Area)			Off Base		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	0.61	J	1.2	33	--	0.92	0.57	J	0.73	0.66	J	0.83
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	2.4	ND	U	1.8	ND	U	1.4	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	2.3	ND	U	1.7	ND	U	1.4	ND	U	1.6
	1,2,4-trimethylbenzene	µg/m^3	NS	11	--	1.2	1.4	J	0.92	31	--	0.73	7.1	--	0.83
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	1.2	ND	U	0.92	ND	U	0.73	ND	U	0.83
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	1.2	ND	U	0.92	ND	U	0.73	ND	U	0.83
	1,3,5-trimethylbenzene	µg/m^3	NS	2.1	J	1.2	0.74	J	0.92	7.1	--	0.73	1.2	J	0.83
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	2.3	ND	U	1.7	ND	U	1.4	ND	U	1.6
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	1.2	ND	U	0.92	ND	U	0.73	0.39	J	0.83
	2-butanone	µg/m^3	1.74E+05	3.0	J	2.3	0.84	J	1.7	3.8	J	1.4	16	--	1.6
	2-hexanone	µg/m^3	NS	0.91	J	1.2	ND	U	0.92	1.0	J	0.73	1.7	J	0.83
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	1.2	ND	U	0.92	ND	U	0.73	0.60	J	0.83
	Acetone	µg/m^3	1.08E+06	17	J	20	ND	U	15	22	J	12	78	--	13
	Benzene	µg/m^3	1.20E+02	0.57	J	1.2	0.60	J	0.92	0.36	J	0.73	0.69	J	0.83
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	1.2	ND	U	0.92	ND	U	0.73	0.56	J	0.83
	Bromoform	µg/m^3	8.51E+02	ND	U	2.3	ND	U	1.7	ND	U	1.4	ND	U	1.6
	Carbon disulfide	µg/m^3	2.43E+04	29	--	3.9	ND	U	2.9	1.3	J	2.3	4.3	J	2.6
	Carbon tetrachloride	µg/m^3	1.56E+02	ND	U	1.2	14	--	0.92	4.9	--	0.73	0.69	J	0.83
	Chloroethane	µg/m^3	3.48E+05	ND	U	2.3	ND	U	1.7	ND	U	1.4	0.70	J	1.6
	Chloroform	µg/m^3	4.07E+01	0.61	J	1.2	2.6	J	0.92	4.5	--	0.73	5.8	--	0.83
	Chloromethane	µg/m^3	5.20E+02	1.4	J	2.3	ND	U	1.7	0.46	J	1.4	4.7	--	1.6
	Cyclohexane	µg/m^3	NS	ND	U	2.5	ND	U	1.8	ND	U	1.5	ND	U	1.7
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	1.2	ND	U	0.92	ND	U	0.73	ND	U	0.83
	Dichlorodifluoromethane	µg/m^3	3.48E+03	2.4	J	2.3	2.3	J	1.7	2.2	J	1.4	16	--	1.6
	Ethanol	µg/m^3	NS	11	J	6	4.1	J	4.5	4.4	J	3.5	13	J	4
	Ethyl acetate	µg/m^3	2.43E+03	ND	U	4.7	ND	U	3.5	ND	U	2.8	2.1	J	3.2
	Ethylbenzene	µg/m^3	3.74E+02	1.4	J	1.2	ND	U	0.92	3.2	--	0.73	0.78	J	0.83
	Hexane	µg/m^3	2.43E+04	ND	U	2.3	ND	U	1.7	ND	U	1.4	0.59	J	1.6
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	ND	U	4.6	ND	U	3.4	ND	U	2.7	3.0	J	3.1
	m,p-Xylene	µg/m^3	3.48E+03	7.5	--	2.5	4.2	J	1.8	19	--	1.5	3.9	J	1.7
	Methylene Chloride	µg/m^3	2.09E+04	ND	U	2.3	1.0	J	1.7	ND	U	1.4	ND	U	1.6
	Naphthalene	µg/m^3	2.75E+01	9.4	--	2.3	0.80	J	1.7	5.0	--	1.3	3.3	--	1.5
	n-Heptane	µg/m^3	NS	0.73	J	2.3	ND	U	1.7	1.2	J	1.4	0.44	J	1.6
	o-Xylene	µg/m^3	3.48E+03	2.1	J	1.2	2.3	J	0.92	5.6	--	0.73	1.2	J	0.83
	Propylene (propene)	µg/m^3	NS	1.4	J	2.3	1.0	J	1.7	0.62	J	1.4	2.5	J	1.6
	Styrene	µg/m^3	NS	ND	U	2.3	ND	U	1.7	ND	U	1.4	ND	U	1.6
	Tetrachloroethene	µg/m^3	1.39E+03	ND	U	1.2	3.7	--	0.92	0.63	J	0.73	1.1	J	0.83
	Tetrahydrofuran	µg/m^3	NS	0.54	J	1.2	1.8	J	0.92	0.77	J	0.73	0.60	J	0.83
	Toluene	µg/m^3	1.74E+05	4.4	--	1.2	1.8	J	0.92	4.2	--	0.73	2.8	--	0.83
	Trichloroethene	µg/m^3	6.95E+01	ND	U	1.2	0.53	J	0.92	ND	U	0.73	ND	U	0.83
	Trichlorofluoromethane	µg/m^3	2.43E+04	9.0	--	2.3	2.7	J	1.7	1.1	J	1.4	15	--	1.6
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	1.2	ND	U	0.92	ND	U	0.73	ND	U	0.83
	Xylenes, Total	µg/m^3	3.48E+03	9.6	--	2.5	6.5	--	1.8	24	--	1.5	5.1	--	1.7

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106142-030			KAFB-106V3-007			KAFB-106V3-007			KAFB-106V3-007		
			Field Sample ID:	SV142-030-212			SV3-007-212			SV3-007-612			SV3-007-212a		
			Sample Date:	4/6/2021			4/20/2021			4/20/2021			6/24/2021		
			Sample Type:	REG			REG			Field Duplicate			REG		
			Area of Interest:	Off Base			On Base (Outside the Source Area)			On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	0.46	J	0.91	3.3	--	0.76	3.6	--	0.79	12		0.81
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.8	ND	U	1.5	ND	U	1.5	ND	U	1.6
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.7	ND	U	1.4	ND	U	1.5	ND	U	1.5
	1,2,4-trimethylbenzene	µg/m^3	NS	16	--	0.91	26	--	0.76	39	--	0.79	46		0.81
	1,2-dibromoethane	µg/m^3	1.56E+00	ND	U	0.91	**6.8**	--	0.76	**6.6**	--	0.79	ND	U	0.81
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	1,3,5-trimethylbenzene	µg/m^3	NS	3.3	--	0.91	29	--	0.76	28	--	0.79	9.6		0.81
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.7	ND	U	1.4	ND	U	1.5	ND	U	1.5
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	2-butanone	µg/m^3	1.74E+05	9.5	--	1.7	14	--	1.4	11	--	1.5	6.2		1.5
	2-hexanone	µg/m^3	NS	4.9	J	0.91	ND	U	0.76	ND	U	0.79	2.9	J	0.81
	4-methyl-2-pentanone	µg/m^3	1.04E+05	0.61	J	0.91	0.49	J	0.76	0.59	J	0.79	0.51	J	0.81
	Acetone	µg/m^3	1.08E+06	33	--	14	24	--	12	32	--	12	32		13
	Benzene	µg/m^3	1.20E+02	0.91	J	0.91	**260**	--	0.76	**210**	--	0.79	1.1	J	0.81
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	Bromoform	µg/m^3	8.51E+02	ND	U	1.7	ND	U	1.4	ND	U	1.5	ND	U	1.5
	Carbon disulfide	µg/m^3	2.43E+04	ND	U	2.9	1.7	J	2.4	ND	U	2.5	100		2.6
	Carbon tetrachloride	µg/m^3	1.56E+02	ND	U	0.91	0.78	J	0.76	0.76	J	0.79	0.85	J	0.81
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.7	ND	U	1.4	ND	U	1.5	ND	U	1.5
	Chloroform	µg/m^3	4.07E+01	1.7	J	0.91	0.60	J	0.76	0.54	J	0.79	0.42	J	0.81
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.7	ND	U	1.4	ND	U	1.5	ND	U	1.5
	Cyclohexane	µg/m^3	NS	ND	U	1.8	1200	--	15	1300	--	16	ND	U	1.6
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	Dichlorodifluoromethane	µg/m^3	3.48E+03	2.4	J	1.7	2.3	--	1.4	1.3	J	1.5	4.5		1.5
	Ethanol	µg/m^3	NS	16	J	4.4	32	--	3.7	33	--	3.8	9.1	J	4
	Ethyl acetate	µg/m^3	2.43E+03	ND	U	3.5	ND	U	2.9	ND	U	3	ND	U	3.1
	Ethylbenzene	µg/m^3	3.74E+02	2.4	J	0.91	110	--	0.76	91	--	0.79	4.8		0.81
	Hexane	µg/m^3	2.43E+04	0.67	J	1.7	320	--	1.4	360	--	1.5	2.9		1.5
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	2.8	J	3.4	5.3	J	2.8	1600	J	29	1.2	J	3
	m,p-Xylene	µg/m^3	3.48E+03	10	--	1.8	190	--	1.5	170	--	1.6	27		1.6
	Methylene Chloride	µg/m^3	2.09E+04	0.85	J	1.7	ND	U	1.4	ND	U	1.5	ND	U	1.5
	Naphthalene	µg/m^3	2.75E+01	**32**	--	1.7	5.3	--	1.4	9.5	--	1.4	22		1.5
	n-Heptane	µg/m^3	NS	1.2	J	1.7	160	--	1.4	180	--	1.5	3.8		1.5
	o-Xylene	µg/m^3	3.48E+03	3.4	--	0.91	120	--	0.76	100	--	0.79	8.2		0.81
	Propylene (propene)	µg/m^3	NS	1.4	J	1.7	5.5	J	1.4	170	J	1.5	ND	U	1.5
	Styrene	µg/m^3	NS	ND	U	1.7	0.65	J	1.4	0.73	J	1.5	ND	U	1.5
	Tetrachloroethene	µg/m^3	1.39E+03	ND	U	0.91	ND	U	0.76	ND	U	0.79	0.35	J	0.81
	Tetrahydrofuran	µg/m^3	NS	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	Toluene	µg/m^3	1.74E+05	7.5	--	0.91	840	--	7.6	700	--	7.9	8.4		0.81
	Trichloroethene	µg/m^3	6.95E+01	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	Trichlorofluoromethane	µg/m^3	2.43E+04	1.4	J	1.7	1.3	J	1.4	1.1	J	1.5	1.5	J	1.5
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.91	ND	U	0.76	ND	U	0.79	ND	U	0.81
	Xylenes, Total	µg/m^3	3.48E+03	14	--	1.8	310	--	1.5	270	--	1.6	35		1.6

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

			Location ID:	KAFB-106V3-015			KAFB-106V3-015		
			Field Sample ID:	SV3-015-212			SV3-015-212a		
			Sample Date:	4/20/2021			6/24/2021		
			Sample Type:	REG			REG		
			Area of Interest:	On Base (Outside the Source Area)			On Base (Outside the Source Area)		
Analytical Method	**Analyte**	**Units**	**NMED Residential Soil Gas VISL[a]**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs by EPA method TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/m^3	1.04E+06	7.9	--	0.73	6.8		0.66
	1,1-dichloroethane	µg/m^3	5.85E+02	ND	U	1.4	ND	U	1.3
	1,2,4-trichlorobenzene	µg/m^3	6.95E+01	ND	U	1.4	ND	U	1.2
	1,2,4-trimethylbenzene	µg/m^3	NS	17	--	0.73	12		0.66
	1,2-dibromoethane	µg/m^3	1.56E+00	**12**	--	0.73	ND	U	0.66
	1,2-dichloroethane	µg/m^3	3.60E+01	ND	U	0.73	ND	U	0.66
	1,3,5-trimethylbenzene	µg/m^3	NS	13	--	0.73	2.3		0.66
	1,3-butadiene	µg/m^3	3.12E+01	ND	U	1.4	ND	U	1.2
	1,4-dioxane	µg/m^3	1.87E+02	ND	U	0.73	ND	U	0.66
	2-butanone	µg/m^3	1.74E+05	6.0	--	1.4	2.1	J	1.2
	2-hexanone	µg/m^3	NS	ND	U	0.73	0.7	J	0.66
	4-methyl-2-pentanone	µg/m^3	1.04E+05	ND	U	0.73	ND	U	0.66
	Acetone	µg/m^3	1.08E+06	10	J	12	13	J	10
	Benzene	µg/m^3	1.20E+02	**160**	--	0.73	ND	U	0.66
	Bromodichloromethane	µg/m^3	2.53E+01	ND	U	0.73	ND	U	0.66
	Bromoform	µg/m^3	8.51E+02	ND	U	1.4	ND	U	1.2
	Carbon disulfide	µg/m^3	2.43E+04	0.97	J	2.3	3.1	J	2.1
	Carbon tetrachloride	µg/m^3	1.56E+02	1.4	J	0.73	0.47	J	0.66
	Chloroethane	µg/m^3	3.48E+05	ND	U	1.4	ND	U	1.2
	Chloroform	µg/m^3	4.07E+01	ND	U	0.73	0.46	J	0.66
	Chloromethane	µg/m^3	5.20E+02	ND	U	1.4	ND	U	1.2
	Cyclohexane	µg/m^3	NS	2800	--	29	ND	U	1.3
	Dibromochloromethane	µg/m^3	3.47E+01	ND	U	0.73	ND	U	0.66
	Dichlorodifluoromethane	µg/m^3	3.48E+03	ND	U	1.4	1.9	J	1.2
	Ethanol	µg/m^3	NS	24	--	3.6	3	J	3.2
	Ethyl acetate	µg/m^3	2.43E+03	16	J	2.8	ND	U	2.5
	Ethylbenzene	µg/m^3	3.74E+02	58	--	0.73	1.9	J	0.66
	Hexane	µg/m^3	2.43E+04	440	--	28	ND	U	1.2
	Isopropyl alcohol (manufacturing-strong acid)	µg/m^3	NS	37	--	2.7	ND	U	2.4
	m,p-Xylene	µg/m^3	3.48E+03	120	--	1.5	8.4		1.3
	Methylene Chloride	µg/m^3	2.09E+04	ND	U	1.4	ND	U	1.2
	Naphthalene	µg/m^3	2.75E+01	2.7	--	1.3	1.9	J	1.2
	n-Heptane	µg/m^3	NS	320	--	1.4	ND	U	1.2
	o-Xylene	µg/m^3	3.48E+03	56	--	0.73	2.5		0.66
	Propylene (propene)	µg/m^3	NS	4.0	--	1.4	ND	U	1.2
	Styrene	µg/m^3	NS	ND	U	1.4	ND	U	1.2
	Tetrachloroethene	µg/m^3	1.39E+03	0.55	J	0.73	ND	U	0.66
	Tetrahydrofuran	µg/m^3	NS	ND	U	0.73	ND	U	0.66
	Toluene	µg/m^3	1.74E+05	420	--	15	2.8		0.66
	Trichloroethene	µg/m^3	6.95E+01	ND	U	0.73	ND	U	0.66
	Trichlorofluoromethane	µg/m^3	2.43E+04	0.98	J	1.4	0.53	J	1.2
	Vinyl chloride	µg/m^3	5.59E+01	ND	U	0.73	ND	U	0.66
	Xylenes, Total	µg/m^3	3.48E+03	170	--	1.5	11		1.3

Table 10-1
Results of Soil Vapor Monitoring Data in the 25-foot Nominal Depth Horizon, Q2 2021

µg/m^3 = microgram per cubic meter
EPA = U.S. Environmental Protection Agency
ID = identification
LOD = limit of detection
ND = not detected
NMED = New Mexico Environment Department
NS = not specified
REG = normal field sample
Val Qual = validation qualifier
VISL = vapor intrusion screening level
VOC = volatile organic compound
Shading = detected concentrations
Bold/Shading = concentrations exceed the residential VISL.
Val Quals based on independent data validation:
-- = Validation qualifier not assigned.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected.

Table 10-2
Historical LNAPL Thicknesses

Well ID[a]	KAFB-106005	KAFB-106006	KAFB-106008	KAFB-106009	KAFB-106014	KAFB-106028	KAFB-106059	KAFB-106064	KAFB-106076	KAFB-106079	KAFB-106150-484	KAFB-106154-484
Sampling Quarter	LNAPL Thickness (feet)											
Q1 2011	0.33	0.55	0.83	0.42	--	0.09	NA	NA	NA	NA	NA	NA
Q2 2011	0.06	0.33	0.02	--	--	--	0.23	--	0.26	--	NA	NA
Q3 2011	0.86	0.85	0.17	2.42	--	0.2	1.25	0.11	1.07	--	NA	NA
Q4 2011	0.26	0.88	0.44	0.33	--	0.38	0.94	--	1.38	--	NA	NA
Q1 2012	--	--	--	--	--	--	0.72	--	0.46	--	NA	NA
Q2 2012	--	--	--	--	--	--	--	--	0.64	--	NA	NA
Q3 2012	--	--	--	--	--	--	--	--	0.55	--	NA	NA
Q4 2012	--	--	--	--	--	--	0.14	--	0.8	--	NA	NA
Q1 2013	--	--	--	--	--	--	--	--	0.04	--	NA	NA
Q2 2013	0.01	--	--	--	--	--	--	--	--	--	NA	NA
Q3 2013	--	--	--	--	--	--	0.38	--	--	--	NA	NA
Q4 2013	0.03	--	--	--	--	--	--	--	0.25	--	NA	NA
Q1 2014	--	--	--	--	--	--	--	--	--	--	NA	NA
Q2 2014	--	--	--	--	--	--	--	--	--	--	NA	NA
Q3 2014	--	--	--	--	--	--	--	--	--	--	NA	NA
Q4 2014	--	0.06	--	0.05	--	--	--	--	--	--	NA	NA
Q1 2015	--	--	--	--	--	--	--	--	--	--	NA	NA
Q2 2015	--	--	--	--	--	--	--	--	--	--	NA	NA
Q3 2015	--	--	--	--	--	--	--	--	--	--	NA	NA
Q4 2015	--	--	--	--	--	--	--	--	0.02	--	NA	NA
Q1 2016	0.1	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA
Q2 2016	0.01	--	0.05	--	--	--	--	--	0.01	--	NA	NA
Q3 2016	0.01	--	0.04	--	--	--	--	--	0.01	--	NA	NA
Q4 2016	--	--	0.03	--	--	--	--	--	--	--	NA	NA
Q1 2017	--	--	0.01	--	--	--	--	--	--	--	NA	NA
Q2 2017	--	--	--	--	--	--	--	--	--	--	NA	NA
Q3 2017	--	--	--	--	--	--	--	NA	--	--	NA	NA
Q4 2017	--	--	--	--	--	--	--	NA	--	--	0.03	0.03
Q1 2018	--	--	--	--	--	--	--	NA	0.01	0.02	0.03	0.02
Q2 2018	--	--	--	--	--	--	--	NA	--	0.03	0.06	0.03
Q3 2018	--	--	--	--	--	--	--	NA	--	0.03	0.05	0.02
Q4 2018	--	--	--	--	--	--	--	NA	0.01	--	0.11	0.04
Q1 2019	--	--	--	--	0.11	--	0.34	NA	0.02	0.18	--	0.11
Q2 2019	--	--	--	--	0.10	--	0.21	NA	0.01	0.14	--	--
Q3 2019	--	--	--	--	0.06	--	0.21	NA	0.01	0.15	--	0.21
Q4 2019	--	--	--	--	--	--	--	NA	0.01	--	0.04	0.16
Q1 2020	--	--	--	--	--	--	0.16	--	0.04	--	0.11	--
Q2 2020	--	--	--	--	--	--	0.15	--	0.01	--	0.38	--
Q3 2020	--	--	--	--	--	--	0.01	--	--	--	0.27	0.02
Q4 2020	0.01	--	--	--	--	--	0.01	--	--	--	0.10	0.04
Q1 2021	--	--	--	--	--	--	0.01	--	0.01	--	0.33	0.22
Q2 2021	0.01	--	--	--	--	--	0.01	--	0.01	--	0.39	0.03

[a] Wells are in reference elevation interval 4857.

-- = no LNAPL detected
ID = identification
LNAPL = light non-aqueous phase liquid
NA = not applicable (this well was not gauged in the sampling quarter)
Q1 = first quarter
Q2 = second quarter
Q3 = third quarter
Q4 = fourth quarter

Table 10-3
Plume Volume and Mass Comparison for the Target Capture Zone

Interval	Well		Q4 2016		Q2 2017		Q4 2017	
	From	To	Volume (ft^3)	Mass[a] (grams)	Volume (ft^3)	Mass[a] (grams)	Volume (ft^3)	Mass[a] (grams)
A	Ridgecrest[b]	KAFB-106090	1.85E+07	12.9	4.33E+06	2.3	1.09E+07	7.3
B	KAFB-106090	KAFB-106228	3.31E+07	30.7	3.33E+07	26.1	2.60E+07	20.0
C	KAFB-106228	KAFB-106058	1.96E+07	16.7	3.24E+07	27.5	2.73E+07	20.8
D	KAFB-106058	KAFB-106227	1.62E+07	10.5	1.35E+06	0.7	1.06E+07	6.1
E	KAFB-106227	KAFB-106234	2.14E+07	29.0	1.12E+07	19.4	1.86E+07	22.1
F	KAFB-106234	KAFB-106206	5.84E+06	4.1	6.13E+06	5.7	5.50E+06	3.6
Total A-F[c] (interim remedy TCZ)			**1.15E+08**	**103.9**	**8.88E+07**	**81.8**	**9.88E+07**	**79.9**
Interval	**Well**		**Q2 2018**		**Q4 2018**		**Q2 2019**	
	From	**To**	**Volume (ft^3)**	**Mass[a] (grams)**	**Volume (ft^3)**	**Mass[a] (grams)**	**Volume (ft^3)**	**Mass[a] (grams)**
A	Ridgecrest[b]	KAFB-106090	8.90E+06	4.3	6.28E+06	3.7	7.73E+06	4.1
B	KAFB-106090	KAFB-106228	1.53E+07	7.7	8.24E+06	4.5	8.55E+06	4.3
C	KAFB-106228	KAFB-106058	5.55E+06	3.0	5.76E+06	3.0	5.78E+06	2.9
D	KAFB-106058	KAFB-106227	2.49E+05	0.1	0.00E+00	0.0	0.00E+00	0.0
E	KAFB-106227	KAFB-106234	5.84E+06	3.1	6.04E+06	4.1	0.00E+00	0.0
F	KAFB-106234	KAFB-106206	9.64E+05	0.4	2.19E+06	1.1	0.00E+00	0.0
Total A-F[c] (interim remedy TCZ)			**3.68E+07**	**18.6**	**2.85E+07**	**16.5**	**2.21E+07**	**11.3**
Interval	**Well**		**Q4 2019**		**Q2 2020**		**Q4 2020**	
	From	**To**	**Volume (ft^3)**	**Mass[a] (grams)**	**Volume (ft^3)**	**Mass[a] (grams)**	**Volume (ft^3)**	**Mass[a] (grams)**
A	Ridgecrest[b]	KAFB-106090	5.66E+06	2.9	2.54E+06	1.4	3.87E+06	1.7
B	KAFB-106090	KAFB-106228	8.46E+06	4.1	1.57E+06	0.7	5.16E+06	2.2
C	KAFB-106228	KAFB-106058	3.61E+06	1.9	5.37E+05	0.2	1.51E+06	0.7
D	KAFB-106058	KAFB-106227	7.50E+05	0.3	4.83E+04	0.0	1.71E+06	0.7
E	KAFB-106227	KAFB-106234	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
F	KAFB-106234	KAFB-106206	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
Total A-F[c] (interim remedy TCZ)			**1.85E+07**	**9.1**	**4.69E+06**	**2.4**	**1.23E+07**	**5.2**

Table 10-3
Plume Volume and Mass Comparison for the Target Capture Zone

Interval	Well		Q2 2021	
	From	To	Volume (ft^3)	Mass[a] (grams)
A	Ridgecrest[b]	KAFB-106090	2.98E+06	1.2
B	KAFB-106090	KAFB-106228	7.48E+05	0.3
C	KAFB-106228	KAFB-106058	2.47E+05	0.1
D	KAFB-106058	KAFB-106227	4.93E+06	2.6
E	KAFB-106227	KAFB-106234	1.31E+06	0.6
F	KAFB-106234	KAFB-106206	0.00E+00	0.0
Total A-F[c] (interim remedy TCZ)			**1.02E+07**	**4.8**

[a] Mass value assumes a uniform total porosity of 25% for the contaminated thickness of the aquifer.

[b] Ridgecrest Drive SE.

[c] Differences between total and summed interval values are due to rounding errors in the interval values.

ft^3 = cubic feet

Q2 = second quarter

Q4 = fourth quarter

TCZ = target capture zone

Table 10-4
IMOA Vertical Containment Above REI 4838 Mid-Point Co-Located Wells and Groundwater Elevation Differences, Q2 2021

Cluster ID	Monitoring Well		Groundwater Elevation (NAVD88 ft)		Elevation Difference (ft)
	Upper	Lower	Upper	Lower	
A	KAFB-106023	KAFB-106103	4875.57	4875.00	0.6
B	KAFB-106088	KAFB-106089	4875.43	4875.06	0.4
C	KAFB-106070	KAFB-106072	4875.63	4875.87	-0.2
D	KAFB-106085	KAFB-106086	4876.00	4876.03	0.0
E	KAFB-106242-418	KAFB-106021	4876.05	4876.12	-0.1
F	KAFB-106032	KAFB-106033	4876.63	4876.65	0.0
G	KAFB-106213	KAFB-106214	4875.09	4875.19	-0.1
H	KAFB-106035	KAFB-106037	4874.91	4874.35	0.6
I	KAFB-106091	KAFB-106092	4874.77	4874.57	0.2
J	KAFB-106216	KAFB-106217	4875.53	4875.54	0.0
K	KAFB-106029	KAFB-106030	4876.16	4876.17	0.0
L	KAFB-106241-428	KAFB-106057	4875.11	4875.73	-0.6
M	KAFB-106052	KAFB-106053	4875.78	4875.66	0.1
N	KAFB-106049	KAFB-106050	4876.16	4876.16	0.0
O	KAFB-106106	KAFB-106105	4875.79	4875.83	0.0
P	KAFB-106219	KAFB-106220	4875.59	4875.59	0.0
Q	KAFB-106041	KAFB-106042	4875.97	4875.93	0.0
R	KAFB-106222	KAFB-106223	4875.59	4875.64	0.0
S	KAFB-106225	KAFB-106226	4875.20	4875.51	-0.3
T	KAFB-106235-438	KAFB-106235-472	4875.45	4875.46	0.0
V	KAFB-106204	KAFB-106205	4875.88	4875.88	0.0
W	KAFB-106201	KAFB-106202	4875.10	4875.08	0.0
X	KAFB-106236-436	KAFB-106236-470	4876.06	4876.05	0.0
Z	KAFB-106207	KAFB-106208	4875.64	4875.54	0.1

ft = foot/feet
ID = identification
NA = not analyzed
NAVD88 = North American Vertical Datum of 1988
REI = reference elevation interval

Table 10-5
IMOA Vertical Containment Below REI 4838 Mid-Point Co-Located Wells and Groundwater Elevation Differences, Q2 2021

Cluster ID	Monitoring Well		Groundwater Elevation (NAVD88 ft)		Elevation Difference (ft)
	Upper	Lower	Upper	Lower	
A	KAFB-106103	KAFB-106104	4875.00	4875.20	-0.2
B	KAFB-106089	KAFB-106090	4875.06	4875.50	-0.4
C	KAFB-106072	KAFB-106071	4875.87	4875.77	0.1
D	KAFB-106086	KAFB-106087	4876.03	4876.04	0.0
F	KAFB-106033	KAFB-106034	4876.65	4876.66	0.0
G	KAFB-106214	KAFB-106215	4875.19	4875.27	-0.1
H	KAFB-106037	KAFB-106212	4874.35	4874.44	-0.1
J	KAFB-106217	KAFB-106218	4875.54	4875.18	0.4
I	KAFB-106092	KAFB-106093	4874.57	4875.27	-0.7
K	KAFB-106030	KAFB-106031	4876.17	4876.11	0.1
L	KAFB-106057	KAFB-106058	4875.73	4875.78	0.0
M	KAFB-106053	KAFB-106054	4875.66	4875.76	-0.1
N	KAFB-106050	KAFB-106051	4876.16	4876.12	0.0
O	KAFB-106105	KAFB-106107	4875.83	4875.90	-0.1
P	KAFB-106220	KAFB-106221	4875.59	4875.57	0.0
Q	KAFB-106042	KAFB-106043	4875.93	4875.94	0.0
R	KAFB-106223	KAFB-106224	4875.64	4875.64	0.0
S	KAFB-106226	KAFB-106227	4875.51	4875.55	0.0
T	KAFB-106235-472	KAFB-106235-501	4875.46	4875.39	0.1
U	KAFB-106026	KAFB-106230	4875.77	4875.44	0.3
V	KAFB-106205	KAFB-106206	4875.88	4875.87	0.0
W	KAFB-106202	KAFB-106203	4875.08	4874.58	0.5
X	KAFB-106236-470	KAFB-106236-499	4876.05	4876.01	0.0
Y	KAFB-106231	KAFB-106232	4875.97	4876.02	0.0
Z	KAFB-106208	KAFB-106209	4875.54	4875.47	0.1

ft = foot/feet
ID = identification
NA = not analyzed
NAVD88 = North American Vertical Datum of 1988
REI = reference elevation interval

Table 10-6
Horizontal Capture Analysis for the Target Capture Zone

Sample Period	Capture Interval	Plume		Horizontal Capture		Percent Captured	
		Volume (ft^3)	Mass[a] (grams)	Volume (ft^3)	Mass[a] (grams)	Volume	Mass[a]
2016 Q4	REI 4857	6.57E+07	64.0	6.57E+07	64.0	100.0	100.0
	REI 4838	4.90E+07	40.0	4.53E+07	38.0	92.5	95.0
	Total[b]	1.15E+08	104.0	1.11E+08	102.0	96.8	98.1
2017 Q2	REI 4857	4.75E+07	47.0	4.75E+07	47.0	100.0	100.0
	REI 4838	4.13E+07	34.0	4.13E+07	34.0	100.0	100.0
	Total[b]	8.88E+07	82.0	8.88E+07	82.0	100.0	100.0
2017 Q4	REI 4857	5.30E+07	45.0	5.30E+07	45.0	100.0	100.0
	REI 4838	4.58E+07	35.0	4.58E+07	35.0	100.0	100.0
	Total[b]	9.89E+07	80.0	9.89E+07	80.0	100.0	100.0
2018 Q2	REI 4857	2.24E+07	10.9	2.24E+07	10.9	100.0	100.0
	REI 4838	1.44E+07	7.8	1.44E+07	7.8	100.0	100.0
	Total[b]	3.68E+07	18.6	3.68E+07	18.6	100.0	100.0
2018 Q4	REI 4857	1.92E+07	11.6	1.92E+07	11.6	100.0	100.0
	REI 4838	9.39E+06	4.9	9.39E+06	4.9	100.0	100.0
	Total[b]	2.85E+07	16.5	2.85E+07	16.5	100.0	100.0
2019 Q2	REI 4857	9.65E+06	4.8	9.65E+06	4.8	100.0	100.0
	REI 4838	1.24E+07	6.4	1.24E+07	6.4	100.0	100.0
	Total[b]	2.21E+07	11.3	2.21E+07	11.3	100.0	100.0
2019 Q4	REI 4857	1.02E+07	4.8	1.02E+07	4.8	100.0	100.0
	REI 4838	8.34E+06	4.3	8.33E+06	4.3	99.9	99.9
	Total[b]	1.85E+07	9.2	1.85E+07	9.2	99.9	100.0
2020 Q2	REI 4857	3.63E+06	1.8	3.63E+06	1.8	100.0	100.0
	REI 4838	1.09E+06	0.6	1.09E+06	0.6	100.0	100.0
	Total[b]	4.72E+06	2.4	4.72E+06	2.4	100.0	100.0

Table 10-6
Horizontal Capture Analysis for the Target Capture Zone

Sample Period	Capture Interval	Plume		Horizontal Capture		Percent Captured	
		Volume (ft^3)	Mass[a] (grams)	Volume (ft^3)	Mass[a] (grams)	Volume	Mass[a]
2020 Q4	REI 4857	5.67E+06	2.4	5.66E+06	2.4	99.7	99.7
	REI 4838	6.59E+06	2.9	6.59E+06	2.9	100.0	100.0
	Total[b]	1.23E+07	5.2	1.22E+07	5.2	99.9	99.9
2021 Q2	REI 4857	8.86E+06	4.3	8.82E+06	4.3	99.6	99.7
	REI 4838	1.37E+06	0.6	1.37E+06	0.6	100.0	100.0
	Total[b]	1.02E+07	4.8	1.02E+07	4.8	99.7	99.7

[a] Plume mass value assumes a uniform total porosity of 25% for the aquifer.

[b] Differences between total and summed interval values are due to rounding errors in the interval values.

ft^3 = cubic feet

Q2 = second quarter

Q4 = fourth quarter

REI = reference elevation interval

Table 10-7
Extraction Well Horizontal Capture Analysis for the Target Capture Zone

Sample Period	Dissolved EDB Plume Segment North of Ridgecrest	REI 4857				REI 4838			
		Volume		Mass[a]		Volume		Mass[a]	
		Cubic Feet	Percent Captured	Grams	Percent Captured	Cubic Feet	Percent Captured	Grams	Percent Captured
2016 Q4	KAFB-106228 cb	4.27E+07	65.0	36.7	57.4	3.24E+07	66.0	25.0	63.0
	KAFB-106233 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106234 cb	2.30E+07	35.0	27.3	42.6	1.29E+07	26.0	12.0	31.0
	Total[b]	6.57E+07	100.0	64.1	100.0	4.53E+07	92.0	38.0	94.0
2017 Q2	KAFB-106228 cb	1.27E+07	26.8	13.0	27.7	2.47E+07	59.8	23.7	69.0
	KAFB-106233 cb	1.83E+07	38.5	10.0	21.3	1.44E+07	35.0	8.9	26.0
	KAFB-106234 cb	1.65E+07	34.7	24.0	51.1	2.15E+06	5.2	1.7	4.9
	Total[b]	4.75E+07	100.0	47.0	100.0	4.13E+07	100.0	34.4	100.0
2017 Q4	KAFB-106228 cb	2.86E+07	54.0	21.0	46.7	3.26E+07	71.1	25.0	71.4
	KAFB-106233 cb	3.94E+06	7.4	2.0	4.4	4.30E+06	9.4	2.0	5.7
	KAFB-106234 cb	2.05E+07	38.6	22.0	48.9	8.95E+06	19.5	8.0	22.9
	Total[b]	5.30E+07	100.0	45.0	100.0	4.58E+07	100.0	35.0	100.0
2018 Q2	KAFB-106228 cb	6.86E+06	30.6	3.4	31.3	1.41E+07	97.8	7.6	98.2
	KAFB-106233 cb	8.63E+06	38.6	3.9	35.4	8.19E+01	0.0	0.0	0.0
	KAFB-106234 cb	6.74E+06	30.1	3.5	32.4	3.18E+05	2.2	0.1	1.8
	KAFB-106239 cb	1.58E+05	0.7	0.1	0.8	0.00E+00	0.0	0.0	0.0
	Total[b]	2.24E+07	100.0	10.9	100.0	1.44E+07	100.0	7.8	100.0
2018 Q4	KAFB-106228 cb	6.66E+06	34.8	3.7	32.2	8.49E+06	90.4	4.4	90.7
	KAFB-106233 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106234 cb	7.42E+06	38.8	4.8	41.4	8.09E+05	8.6	0.4	8.4
	KAFB-106239 cb	5.07E+06	26.4	3.1	26.4	9.62E+04	1.0	0.0	0.9
	Total[b]	1.92E+07	100.0	11.6	100.0	9.39E+06	100.0	4.9	100.0

Table 10-7
Extraction Well Horizontal Capture Analysis for the Target Capture Zone

Sample Period	Dissolved EDB Plume Segment North of Ridgecrest	REI 4857				REI 4838			
		Volume		Mass[a]		Volume		Mass[a]	
		Cubic Feet	Percent Captured	Grams	Percent Captured	Cubic Feet	Percent Captured	Grams	Percent Captured
2019 Q2	KAFB-106228 cb	4.96E+06	51.4	2.4	50.4	8.57E+06	68.9	4.4	68.9
	KAFB-106233 cb	5.08E+03	0.1	0.0	_	1.72E+05	1.4	0.1	1.0
	KAFB-106234 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106239 cb	4.69E+06	48.5	2.4	49.6	3.69E+06	29.7	1.9	30.1
	Total[b]	9.65E+06	100.0	4.8	100.0	1.24E+07	100.0	6.4	100.0
2019 Q4	KAFB-106228 cb	9.37E+06	92.1	4.4	90.8	8.30E+06	99.6	4.3	99.7
	KAFB-106233 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106234 cb	2.35E+05	2.3	0.1	1.9	3.16E+04	0.4	0.0	0.3
	KAFB-106239 cb	5.68E+05	5.6	0.4	7.4	0.00E+00	0.0	0.0	0.0
	Total[b]	1.02E+07	100.0	4.8	100.0	8.33E+06	100.0	4.3	100.0
2020 Q2	KAFB-106228 cb	2.08E+06	57.4	0.9	51.3	9.15E+05	84.3	0.5	85.3
	KAFB-106233 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106234 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106239 cb	1.55E+06	42.6	0.9	48.7	1.71E+05	15.7	0.1	14.8
	Total[b]	3.63E+06	100.0	1.8	100.0	1.09E+06	100.0	0.6	100.0
2020 Q4	KAFB-106228 cb	2.85E+06	50.3	1.2	48.8	6.55E+06	99.3	2.8	99.4
	KAFB-106233 cb	0.00E+00	0.0	0.0	0.0	0.00E+00	0.0	0.0	0.0
	KAFB-106234 cb	1.70E+06	29.9	0.7	29.7	4.32E+04	0.7	0.0	0.6
	KAFB-106239 cb	1.11E+06	19.5	0.5	21.2	6.86E+01	0.0	0.0	0.0
	Total[b]	5.67E+06	99.7	2.4	99.7	6.59E+06	100.0	2.9	100.0

Table 10-7
Extraction Well Horizontal Capture Analysis for the Target Capture Zone

Sample Period	Dissolved EDB Plume Segment North of Ridgecrest	REI 4857				REI 4838			
		Volume		Mass[a]		Volume		Mass[a]	
		Cubic Feet	Percent Captured	Grams	Percent Captured	Cubic Feet	Percent Captured	Grams	Percent Captured
2021 Q2	KAFB-106228 cb	3.00E+05	3.4	0.1	3.0	1.18E+06	85.8	0.5	86.6
	KAFB-106233 cb	6.82E+04	0.8	0.0	0.7	0.00E+00	0.0	0.0	0.0
	KAFB-106234 cb	5.92E+06	66.8	3.1	71.5	1.94E+05	14.2	0.1	13.4
	KAFB-106239 cb	2.54E+06	28.6	1.0	24.6	0.00E+00	0.0	0.0	0.0
	Total[b]	8.86E+06	99.6	4.3	99.7	1.37E+06	100.0	0.6	100.0

[a] Plume mass value assumes a uniform total porosity of 25% for the aquifer.

[b] Differences between total and summed interval values are due to rounding errors in the interval values.

cb = capture basin

EDB = ethylene dibromide (1,2-dibromoethane)

Q2 = second quarter

Q4 = fourth quarter

REI = reference elevation interval

Table 10-8
Step 3 Target Capture Zone Horizontal Capture Statistics Summary

Component	Evaluation Period	Quarter Total	Estimated Captured	Remainder	Percent of Quarter Captured	Percent of Initial Captured
Target Capture Zone Volume (ft^3)	Q4 2016[a]	1.15E+08	1.11E+08	3.63E+06	96.8	96.8
	Q2 2017	8.88E+07	8.88E+07	0.00E+00	100.0	100.0
	Q4 2017	9.88E+07	9.89E+07	0.00E+00	100.0	100.0
	Q2 2018	3.68E+07	3.68E+07	0.00E+00	100.0	100.0
	Q4 2018	2.85E+07	2.85E+07	0.00E+00	100.0	100.0
	Q2 2019	2.21E+07	2.21E+07	0.00E+00	100.0	100.0
	Q4 2019	1.85E+07	1.85E+07	1.03E+04	99.9	100.0
	Q2 2020	4.72E+06	4.72E+06	0.00E+00	100.0	100.0
	Q4 2020	1.23E+07	1.22E+07	1.64E+04	99.9	100.0
	Q2 2021	1.02E+07	1.02E+07	3.39E+04	99.7	100.0
Target Capture Zone Mass (grams)	Q4 2016[a]	103.9	102.0	1.9	98.2	100.0
	Q2 2017	81.8	81.8	0.0	100.0	100.0
	Q4 2017	79.9	79.9	0.0	100.0	100.0
	Q2 2018	18.6	18.6	0.0	100.0	100.0
	Q4 2018	16.5	16.5	0.0	100.0	100.0
	Q2 2019	11.3	11.3	0.0	100.0	100.0
	Q4 2019	9.2	9.2	0.0	100.0	100.0
	Q2 2020	2.4	2.4	0.0	100.0	100.0
	Q4 2020	5.2	5.2	0.0	99.9	100.0
	Q2 2021	4.8	4.8	0.0	99.7	100.0

[a] Q4 2016 is the initial evaluation period for comparison purposes

ft^3 = cubic feet

Q2 = second quarter evaluation period

Q4 = fourth quarter evaluation period

Table 10-9
Vertical Containment Analysis for the Target Capture Zone

Sample Period	Dissolved EDB Plume Segment North of Ridgecrest Drive SE	Plume		Vertical Containment		Percent Contained	
		Volume (ft^3)	Mass[a] (grams)	Volume (ft^3)	Mass[a] (grams)	Volume	Mass
2016 Q4	Above REI 4838 mid-point	8.31E+07	80.0	6.35E+07	59.0	76.3	73.8
	Below REI 4838 mid-point	3.15E+07	24.0	1.73E+07	14.0	54.8	58.3
	Total[b]	1.15E+08	104.0	8.08E+07	73.0	70.4	70.2
2017 Q2	Above REI 4838 mid-point	5.87E+07	55.0	5.24E+07	47.0	89.3	85.0
	Below REI 4838 mid-point	3.01E+07	26.0	2.36E+07	18.0	78.5	68.5
	Total[b]	8.88E+07	82.0	7.60E+07	65.0	85.6	79.9
2017 Q4	Above REI 4838 mid-point	6.81E+07	58.0	5.77E+07	48.0	84.7	82.8
	Below REI 4838 mid-point	3.07E+07	22.0	2.23E+07	15.0	72.5	68.2
	Total[b]	9.89E+07	80.0	8.00E+07	63.0	80.9	78.8
2018 Q2	Above REI 4838 mid-point	2.24E+07	10.9	1.44E+07	6.9	64.4	63.4
	Below REI 4838 mid-point	1.44E+07	7.8	7.99E+06	4.0	55.3	51.9
	Total[b]	3.68E+07	18.6	2.24E+07	10.9	60.8	58.6
2018 Q4	Above REI 4838 mid-point	1.92E+07	11.6	1.92E+07	11.6	100.0	100.0
	Below REI 4838 mid-point	9.39E+06	4.9	9.14E+06	4.8	97.4	97.6
	Total[b]	2.85E+07	16.5	2.83E+07	16.4	99.1	99.3
2019 Q2	Above REI 4838 mid-point	9.65E+06	4.8	9.65E+06	4.8	100.0	100.0
	Below REI 4838 mid-point	1.24E+07	6.4	1.24E+07	6.4	100.0	100.0
	Total[b]	2.21E+07	11.3	2.21E+07	11.3	100.0	100.0
2019 Q4	Above REI 4838 mid-point	1.02E+07	4.8	1.02E+07	4.8	100.0	100.0
	Below REI 4838 mid-point	8.34E+06	4.3	8.34E+06	4.3	100.0	100.0
	Total[b]	1.85E+07	9.2	1.85E+07	9.2	100.0	100.0

Table 10-9
Vertical Containment Analysis for the Target Capture Zone

Sample Period	Dissolved EDB Plume Segment North of Ridgecrest Drive SE	Plume		Vertical Containment		Percent Contained	
		Volume (ft^3)	Mass[a] (grams)	Volume (ft^3)	Mass[a] (grams)	Volume	Mass
2020 Q2	Above REI 4838 mid-point	3.63E+06	1.8	3.63E+06	1.8	99.8	99.9
	Below REI 4838 mid-point	1.09E+06	0.6	1.09E+06	0.6	100.0	100.0
	Total[b]	4.72E+06	2.4	4.71E+06	2.4	99.9	99.9
2020 Q4	Above REI 4838 mid-point	5.68E+06	2.4	5.68E+06	2.4	100.0	100.0
	Below REI 4838 mid-point	6.59E+06	2.9	6.59E+06	2.9	100.0	100.0
	Total[b]	1.23E+07	5.2	1.23E+07	5.2	100.0	100.0
2021 Q2	Above REI 4838 mid-point	8.86E+06	4.3	8.83E+06	4.3	99.7	99.7
	Below REI 4838 mid-point	1.37E+06	0.6	1.35E+06	0.6	98.8	98.9
	Total[b]	1.02E+07	4.8	1.02E+07	4.8	99.5	99.6

[a] Plume mass value assumes a uniform total porosity of 25% for the aquifer.

[b] Differences between total and summed interval values are due to rounding errors in the interval values.

EDB = ethylene dibromide (1,2-dibromoethane)

ft^3 = cubic feet

Q2 = second quarter

Q4 = fourth quarter

REI = reference elevation interval (feet above mean sea level)

SE = southeast

Table 10-10
Step 3 Target Capture Zone Vertical Capture Statistics Summary

Component	Evaluation Period	Quarter Total	Estimated Captured	Remainder	Percent of Quarter Captured	Percent of Initial Captured
Target Capture Zone Volume (ft^3)	Q4 2016[a]	1.15E+08	8.08E+07	3.39E+07	70.4	70.4
	Q2 2017	8.88E+07	7.60E+07	1.28E+07	85.6	88.9
	Q4 2017	9.88E+07	8.00E+07	1.88E+07	80.9	83.6
	Q2 2018	3.68E+07	2.24E+07	1.44E+07	60.8	87.4
	Q4 2018	2.85E+07	2.83E+07	2.48E+05	99.1	99.8
	Q2 2019	2.21E+07	2.21E+07	4.41E+03	100.0	100.0
	Q4 2019	1.85E+07	1.85E+07	0.00E+00	100.0	100.0
	Q2 2020	4.72E+06	4.71E+06	5.75E+03	99.9	100.0
	Q4 2020	1.23E+07	1.23E+07	0.00E+00	100.0	100.0
	Q2 2021	1.02E+07	1.02E+07	4.65E+04	99.5	100.0
Target Capture Zone Mass (grams)	Q4 2016[a]	103.9	73.0	30.9	70.3	100.0
	Q2 2017	81.8	65.3	16.5	79.9	100.0
	Q4 2017	79.9	63.0	16.9	78.8	100.0
	Q2 2018	18.6	10.9	7.7	58.6	100.0
	Q4 2018	16.5	16.4	0.1	99.3	100.0
	Q2 2019	11.3	11.3	0.0	100.0	100.0
	Q4 2019	9.2	9.2	0.0	100.0	100.0
	Q2 2020	2.4	2.4	0.0	99.9	100.0
	Q4 2020	5.2	5.2	0.0	100.0	100.0
	Q2 2021	4.8	4.8	0.0	99.6	100.0

[a] Q4 2016 is the initial evaluation period for comparison purposes

ft^3 = cubic feet

Q2 = second quarter

Q4 = fourth quarter

Table 10-11
Step 4 Target Capture Zone Three-Dimensional Capture Statistics Summary

Component	Evaluation Period	Quarter Total	Estimated Captured	Remainder	Percent of Quarter Captured	Percent of Initial Captured
Target Capture Zone Volume (ft^3)	Q4 2016[a]	1.15E+08	ne	ne	ne	ne
	Q2 2017	8.88E+07	ne	ne	ne	ne
	Q4 2017	9.88E+07	ne	ne	ne	ne
	Q2 2018	3.68E+07	3.68E+07	0.00E+00	100.0	100.0
	Q4 2018	2.85E+07	2.62E+07	2.30E+06	91.9	98.0
	Q2 2019	2.21E+07	2.21E+07	1.47E+03	100.0	100.0
	Q4 2019	1.85E+07	1.78E+07	7.01E+05	96.2	99.4
	Q2 2020	4.72E+06	3.10E+06	1.62E+06	65.7	98.6
	Q4 2020	1.23E+07	8.83E+06	3.44E+06	72.0	97.0
Target Capture Zone Mass (grams)	Q4 2016[a]	103.9	ne	ne	ne	ne
	Q2 2017	81.8	ne	ne	ne	ne
	Q4 2017	79.9	ne	ne	ne	ne
	Q2 2018	18.6	18.6	0.0	100.0	100.0
	Q4 2018	16.5	15.1	1.4	91.4	98.6
	Q2 2019	11.3	11.3	0.0	100.0	100.0
	Q4 2019	9.2	8.9	0.3	97.1	99.7
	Q2 2020	2.4	1.5	0.9	63.8	99.2
	Q4 2020	5.2	3.7	1.5	71.0	98.5

[a] Q4 2016 is the initial evaluation period for comparison purposes
ft^3 = cubic feet
ne = capture not evaluated by numerical flow model analysis
Q2 = second quarter
Q4 = fourth quarter

Table 10-12
Summary of Q2 2021 Target Capture Zone Evaluation

Step	Summary/Conclusions
Step 1: Review site data, site conceptual model, remedy objectives	Completed, all determined to be up-to-date and adequate. Added six new monitoring wells to the gauging and sampling network.
Step 2: Define TCZ	Updated and clearly defined, illustrated on maps. Does not pertain to entire thickness of aquifer. Dissolved ethylene dibromide plume volume and mass have been delineated at and above the Maximum Contaminant Level value in three dimensions. An isolated region concentration rebound around monitoring wells KAFB-106041 has persisted, and the concentration has increased (from 0.074 µg/L to 0.098 µg/L). Overall, the TCZ has undergone a 16% decrease in volume and a 8% decrease in mass when compared to the Q4 2020 delineation. This decrease is due to the removal of the bulk of the volume and mass that had accumulated around IM extraction well KAFB-106228.
Step 3a: Water level maps: Potentiometric Surface Analysis	Analysis is performed within the two reference elevation intervals shown to contain portions of the TCZ. Interpreted capture zone is larger than the TCZ within the Interim Remedy Objective Area in both reference elevation intervals. Analysis estimates 100% capture of the initial TCZ under Q2 2021 conditions.
Step 3b: Water level maps: Vertical Difference Analysis	Analysis is performed across the TCZ area at three distinct elevation intervals at depth within the aquifer. Analysis estimates containment of greater than 100% of the initial TCZ in the vertical direction under Q2 2021 conditions.
Step 3c: Water level pairs	Inward flow not evident at all pairs along the TCZ boundary within the Interim Remedy Objective Area. However, analysis does indicate the potential for entire TCZ to flow towards one or more interim measure extraction wells under Q2 2021 conditions.
Step 4: Perform Calculations	Simple two-dimensional horizontal capture calculations were performed in 2016 but are not considered to be adequate to represent capture in this system and, therefore, were not updated in this reporting effort.
Step 4b: Groundwater flow modeling with particle tracking	The Air Force has determined that capture is sufficient, modeling no longer adds value to the evaluation of the interim measure and that ongoing routine monitoring is sufficient to evaluate the future progress of the interim measure.
Step 5: Concentration trends	Updated with current water chemistry data and indicates that the plume has not migrated into previously "clean" or previously remediated aquifer. Due to rising water table elevation, this analysis is not strongly relied upon for short-term evaluation of capture.
Step 6: Interpret actual capture and Compare to TCZ	Comparison of capture estimates from Steps 3 and concentration trend comparison in Step 5 lead to the conclusion that 100% of the initial TCZ volume and mass is being contained by IM extraction under Q2 2021 groundwater conditions. Capture evaluation will continue to be performed every second and fourth quarter in order to address changes in capture zones due to changes in aquifer stresses (Interim Remedy and non-Interim Remedy based) and changes in regional flow-field.

Table 10-12
Summary of Q2 2021 Target Capture Zone Evaluation

% = percent
µg/L = microgram per liter
gpm = gallon per minute
Q2 = second quarter
Q4 = fourth quarter
TCZ = Target Capture Zone

APPENDICES
(Provided electronically via compact disc)

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APPENDIX A-1

Regulatory Correspondence

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6313
Phone (505) 476-6000 Fax (505) 476-6030
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Michelle Lujan Grisham
Governor

Howie C. Morales
Lt. Governor

James C. Kenney
Cabinet Secretary

Jennifer J. Pruett
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 11, 2019

Colonel David S. Miller
Base Commander
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117

Lt. Colonel Wayne J. Acosta
Civil Engineer Office
377 Civil engineer Division
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB, NM 87117

RE: QUARTERLY MONITORING REPORT FOR APRIL-JUNE 2019
BULK FUELS FACILITY SOLID WASTE MANAGEMENT UNITS ST-106/SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO
EPA ID# NM6213820974
HWB-KAFB-19-017

Dear Colonel Miller and Lt. Colonel Acosta:

The New Mexico Environment Department (NMED) is in receipt of the Kirtland Air Force Base (Permittee) *Quarterly Monitoring Report for April-June 2019, Bulk Fuels Facility, Solid Waste Management Unit ST-106/SS-11* (Report), dated September 2019 and received September 27, 2019.

No revision to the Report is required. NMED's attached comments are intended to provide direction to the Permittee in the preparation of future quarterly monitoring reports. Necessary changes based upon NMED's comments should be incorporated into future reports. The Permittee must ensure that future monitoring reports fully comply with Kirtland Air Force Base KAFB) Hazardous Waste Facility Permit (Permit) Section 6.1.6. Quarterly Progress Reports, Section 6.2.4.1. Quarterly Reporting, and Section 6.2.4.4. Periodic Monitoring Reports. Additional guidance on preparing groundwater monitoring reports can be found in NMED's *General Reporting Requirements for Routine Groundwater Monitoring at RCRA Sites.*

Col. Miller and Lt. Col. Acosta
Quarterly Monitoring Report for April-June 2019
Page 2 of 2

Should you have any questions please Rob Murphy of my staff at robert.murphy@state.nm.us or (505) 476-6022.

Sincerely,

Kevin Pierard

Digitally signed by Kevin Pierard
Date: 2020.07.11 08:25:15 -06'00'

Kevin M. Pierard, Chief
Hazardous Waste Bureau

Attachments I

cc: D. Cobrain, NMED HWB
B. Wear, NMED HWB
L. Andress, NMED HWB
R. Murphy, NMED HWB
L. King EPA Region 6 (6LCRRC)
S. Clark, KAFB
K. Lynnes, KAFB

File: KAFB 2020 Bulk Fuels Facility Spill and Reading

Attachment

Col. Miller and Lt. Acosta
Quarterly Monitoring Report for April-June 2019
Attachment, Page 1 of 4

GENERAL COMMENTS:

1. Monitoring Report Contents

NMED Comment:

Based on issues identified in this Report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable:

a. The response to NMED's comments must be included as Appendix A of each document revision.
b. All field methods for the project must be documented in an appendix, as required by Permit Section 6.2.4.4.11. The documentation must be specific to each monitoring activity, such as soil vapor monitoring, groundwater monitoring, or operation and maintenance of the groundwater treatment system. References to quality assurance project plans (QAPPs), standard operating procedures (SOPs), or work plans are not acceptable. All deviations from approved work plans must be discussed and explained in a Deviations section.
c. Wells must be consistently referred to by the same name/designation in all periodic reports, sections of the text, tables, and figures. The designations must match those provided in the digital analytical data files.
d. Sampling data tables must include the practical quantitation limit (PQL) and listed laboratory report detection limit (RDL) for each analysis.
e. Sampling data tables must include the appropriate screening levels for data comparison.
f. Analytical data tables in digital format must include a column that indicates which analytical data report the specific sample information can be found. This link must correspond to the analytical data report file name.
g. Data quality exceptions, such as when the PQL exceeds the corresponding screening level, must be identified as such in all tables and figures (see Permit Section 6.5.18).
h. Analytical data provided in digital format such as Microsoft Excel or Access files must be provided in a sortable, searchable format. Previous reports have provided digital data in the same format as the printed tables. These tables are not sortable or searchable. Provide the tables in a standard database format.
i. Analytical data packages must be submitted in accordance with KAFB Permit Section 6.5.18.2, Laboratory Deliverables.
j. All tables, figures, and appendices must be appropriately numbered and titled.
k. Every page of every submittal, including all pages within all sections and appendices, must be numbered either sequentially or in some other format acceptable to NMED.

2. Analytical Data Detection and Quantitation Limits

NMED Comment: Many of the analytical data tables presented in the Report list the limit of detection (LOD) for each sample analysis; however, it is not clear if this value represents the laboratory method detection limit or reporting detection limit. Some tables list the LOD and some the limit of quantification (LOQ). The permittee must provide the method detection limit (MDL) in the data tables. In addition, the Permittee must include the reporting detection limit (assuming this is the Permittee's "LOD") and the PQL (assuming this is the Permittee's "LOQ") for each sample analyzed in the data tables.

The Permittee's Quality Assurance Project Plans (QAPPs) indicate that the Permittee is using three different variations of terminology for method reporting limits, including one which seems to be backwards. The Permittee's QAPP for Vadose Zone Treatability Studies Attachment 1, Tables 1-1a, Method Reporting Limits – Drinking Water, 1-1b, Method Report Limits – Soil and Investigation Derived Waste, and 1-1c, Method Reporting Limits – Volatile Organic Compounds in Air, all seemingly use LOQ appropriately (as the PQL), but there is a lack of consistency between the method detection limit and reporting detection limit.

In Table 1-1a, Drinking Water, "MDL" appears to equate to the method detection limit, and "LOD" appears to equate to the reporting detection limit. In Table 1-1b, Soil, "LOD" appears to equate to the method detection limit and "DL" appears to equate to the reporting detection limit. In Table 1-1c, Air, "DL" appears to equate to the method detection limit and "LOD" appears to equate to the reporting detection limit. Based on the fact that the PQL must be greater than the reporting detection limit and the reporting detection limit must be greater than the method detection limit, Table 1-1b, Soil, appears to be wrong. NMED is assuming that similar tables appear in the QAPP for quarterly monitoring.

These issues cause confusion for the reviewer, community stakeholders, and the public, and increases the time required to review submittals from the Permittee. The Permittee must use appropriate and consistent terms for Quality Assurance /Quality Control in all periodic reporting submittals and for all media (e.g., use MDL consistently instead of DL). While NMED does not review or approve QAPPs, the Permittee must assure that they are providing their contractors with the appropriate information to provide appropriate, consistent, and accurate information to NMED. Consistency in reporting by the Permittee will reduce both agency and Air Force internal review times.

SPECIFIC COMMENTS:

3. Table of Contents, Appendix B, page iv:

NMED Comment: Appendix B, New Activities Supporting Information, contains well completion reports for four new wells installed and developed in accordance with the NMED-approved 2017 *Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling*. KAFB Permit Section 6.2.2.1.2, Site Investigations-Investigation Reports,

and Section 6.2.4.3, Reporting Requirements-Investigation Reports, require that the information and data collected from all investigation activities conducted during the quarter be submitted to NMED as separate, stand-alone reports. The Permittee must submit individual reports for all investigation activities conducted in support of the ongoing investigation of the bulk fuels facility spill, rather than submit the information as appendices in quarterly reports.

4. **Section 2.5 Q2 2019 Soil Vapor Data, page 2-4:**

Permittee Statement: "The RCRA permit does not specify cleanup levels for soil vapor. The quarterly reports are not intended to assess risk; the vapor data are used to assess concentration trends. The risk assessment (USACE,2017e) compares vapor concentrations to the vapor intrusion screening levels in the NMED Risk Assessment Guidance for Site Investigations and Remediation. All EDB and benzene concentrations are compared against 3,800 and 3,200 micrograms per cubic meter (µg/m3), respectively. HC concentrations are compared against 1,000 parts per million by volume (ppmv). The comparison concentrations used in this report were determined by historical maximum and minimum soil vapor results to show which SVMPs had relatively high or low concentrations."

NMED Comment: The Permittee must clarify if the comparison values for EDB, benzene, and HC represent the historical maximum or minimum, or some other calculated value so that changes relative to the values can be evaluated. The Permittee must also provide a reference for the historical soil vapor values. The Permittee accurately states that quarterly reports are not intended to assess risk; however, the Permittee must provide a comparison of detected concentrations to a regulatory standard for the purpose of assessing the presence and location of contaminants of concern. NMED's *Risk Assessment Guidance for Site Investigations and Remediation* (2019 and as updated) vapor intrusion screening levels (VISLs) must be used as a first-tier screening assessment.

5. **Section 2.2 Bioventing Pilot Test, page 2-2:**

Permittee Statement: "A bioventing report will be submitted on January 31, 2020 as requested by NMED in a letter dated February 25, 2019 (NMED, 2019). This report will include data collected up to Q4 2019. Data collected after Q4 2019 will be provided in the relevant quarterly monitoring reports. The Q4 2020 Quarterly and Annual Monitoring Report will include results to date, and the final results of the bioventing pilot test will be provided in the Q4 2021 Quarterly and Annual Monitoring Report."

NMED Comment: Bioventing pilot test data is collected each quarter; therefore, the Permittee must provide quarterly data updates in separate quarterly status reports specific to the bioventing pilot study to allow NMED to provide timely adjustment and inputs to the bioventing system. The final results of the bioventing pilot test must be submitted as a stand-alone document rather than as an appendix to the Q4 2021 Quarterly and Annual

Monitoring Report.

6. **Section 3.3.1 Sampling Deviations, page 3-3:**

Permittee Statement: "Groundwater samples were not obtained from seven wells in Q2 2019. Three wells (KAFB-106001, KAFB-106008, and KABF-106079) could not be sampled due to suspected biofouling. These wells will be sampled using passive sampling techniques in the future after well rehabilitation is evaluated."

NMED Comment: The Permittee must provide additional information in a subsequent quarterly report on suspected biofouling of wells KAFB-106001, KAFB-106008, and KABF-106079, such as evidence for biofouling, the source of biofouling, and the date when biofouling was first suspected. Well KABF-106079 is less than 1000ft from interim measure extraction well KAFB-106239. Provide information on the potential for suspected biofouling at KAFB-106079 to impact KAFB-106239 and the Groundwater Treatment System. The Permittee must also submit a work plan for evaluating and conducting rehabilitation of the three wells. Use of passive sampling techniques for wells KAFB-106001 and KABF-106079 is contingent upon NMED approval. Because LNAPL was previously detected in well KAFB-106008, use of passive sampling is not appropriate.

7. **Section 3.6.1.1 EDB Analytical Results, page 3-5:**

Permittee Statement: *Five EDB exceedances were from wells north of Ridgecrest Drive SE but none were north of Gibson Boulevard SE.*

NMED Comment: Figures 3-5 and 3-6 present EDB concentrations in groundwater for reference elevation 4857 and 4838, respectively. Both figures depict the northern extent of the EDB plume as being north of Gibson Boulevard SE. The Permittee must revise the statement and figures for accuracy if they are included in future periodic reports.

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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Michelle Lujan Grisham
Governor

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James C. Kenney
Cabinet Secretary

Jennifer J. Pruett
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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 2, 2020

Colonel David S. Miller
Base Commander
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117

Lt. Colonel Wayne J. Acosta
Civil Engineer Office
377 Civil engineer Division
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB, NM 87117

RE: REPORTING REQUIREMENTS FOR ALL DOCUMENT SUBMITTALS
KIRTLAND AIR FORCE BASE, NEW MEXICO
EPA ID# NM6213820974
HWB-KAFB-20-MISC

Dear Colonel Miller and Lt. Colonel Acosta:

In our discussions with Kirtland Air Force Base (KAFB or Permittee) staff, a concern was raised that New Mexico Environment Department (NMED) comments on specific submittals contained direction that more broadly applies to various activities conducted at KAFB. Your staff indicated that this creates difficulty for them in tracking directions provided by NMED. To respond to such concerns, NMED is providing the following compilation to clarify requirements for all documents submitted to NMED by the Permittee.

In general, many KAFB submittals to NMED consistently contain a substantial number of errors that should be identified during quality assurance and quality control reviews prior to submittal. In discussions with KAFB staff, NMED staff was assured that steps are being taken to review and enhance document quality control and address these recurring issues to assist NMED in expediting document reviews and to assist the public in better understanding the documents that are submitted by the Permittee.

Col. Miller and Lt. Col. Acosta
Reporting Requirements
Page 2

1. **Laboratory Deliverables:** Section 6.5.18.2, Laboratory Deliverables, of the KAFB Resource Conservation and Recovery Act (RCRA) Permit (KAFB Permit), states the requirements for analytical laboratory reporting. The section states, "[l]aboratory analytical data packages shall be prepared in accordance with EPA-established Level III or IV analytical support protocols." The final paragraph of the permit section goes on to state, "[t]he Permittee shall present summary tables of these data and Level II QC results to the Department in reports or other documents prepared in accordance with Permit Section 6.2.4. Raw analytical data, including calibration curves, instrument calibration data, data calculation work sheets, and other laboratory supporting data for samples from this project, shall be compiled and kept on file at the Facility for reference. The Permittee shall make all data available to the Department upon request." Therefore, for purposes of reporting, Level II QC results are necessary. Level III and IV data must be maintained by the Permittee to be made available upon request.

2. **General Guidelines:** NMED has included an attachment titled *General Reporting Guidelines* that provides guidance regarding its expectations of submittals to the Hazardous Waste Bureau. The Permittee must consult the guidance during document preparation.

3. **Document Scopes of Work:** In order to avoid confusion, all work plans must be written for one specific scope of work.

4. **Document Titles vs. Content:** All future document titles on cover pages must include all major scope activities incorporated within that document, including those presented in appendices. The names of all future documents and scopes of work must not change during the RCRA corrective action process (i.e., work plans through reports).

5. **Responses to NMED Comments:** Responses to NMED comments must be included as Appendix A of every document revision. Redline-strikeout versions must include <u>all</u> changes made to the corresponding revised document.

6. **Field Methods:** All field methods for the project must be documented in the text of the document or an appendix. The documentation must be specific to each monitoring activity, such as soil vapor monitoring, groundwater monitoring, or operation and maintenance of the groundwater treatment system. References to quality assurance project plans (QAPPs), standard operating procedures (SOPs), previous work plans, or other documents are not acceptable. All deviations from approved work plans must be discussed and explained in a Deviations section.

7. **Well Designations:** Wells must be consistently referred to by the same name/designation in all sections of the text, all tables, and all figures. The designation must also match that provided in the digital analytical data files.

8. **Data Tables, Figures, and Appendices:**
   - **a.** Sampling data tables must be logically arranged, either chronologically or by investigation, to facilitate location of information.
   - **b.** Sampling data tables must include the practical quantitation limit (PQL) and reporting detection limit for each analysis. Method detection limits must also be provided for each analytical method.
   - **c.** Sampling data tables must include the appropriate screening levels for data comparison.
   - **d.** Analytical data tables in digital format must include a column that indicates which analytical data report the specific sample information can be found. This link must correspond to the analytical data report file name.
   - **e.** Data from analyses where the PQL (or LOQ) exceeds 20% of the screening level are data quality exceptions and must be identified as such in all tables and figures.
   - **f.** Analytical data provided in digital format such as Excel files must be provided in a sortable, searchable format that can be uploaded into a database. Previous reports have provided digital data in the same format as the tables in the text which are not sortable or searchable.
   - **g.** Data in tables and figures must be presented with a consistent and appropriate number of significant figures.
   - **h.** All points (wells), structures, infrastructure, roads, etc. depicted on figures must be labeled.
   - **i.** All tables, figures, and appendices must be appropriately numbered and titled.
   - **j.** All figures must include a scale and a north arrow.
   - **k.** Data tables and figures must undergo quality assurance and quality control review prior to submittal to NMED.

9. **Document organization:** Every page of each submittal, including all pages within all sections and appendices, must be numbered either sequentially or in some other logical format.

Many of the issues listed above were discussed during a conference call between NMED and KAFB that was held on May 7, 2020; KAFB staff stated that they understood these issues and agreed to correct these problems. While NMED made every attempt to be comprehensive, other issues may arise. If NMED identifies further issues that occur in multiple submittals, NMED will contact KAFB staff informally to discuss the issues and follow up with further correspondence and direction.

Col. Miller and Lt. Col. Acosta
Reporting Requirements
Page 4

Should you have any questions or wish to meet with us to discuss these comments, please contact me at (505) 476-6035 or your staff may contact Ben Wear at (505) 476-6041.

Sincerely,

Kevin M. Pierard, Chief
Hazardous Waste Bureau

Attachment

cc: D. Cobrain, NMED HWB
B. Wear, NMED HWB
L. Andress, NMED HWB
M. Suzuki, NMED HWB
R. Murphy, NMED HWB
L. King EPA Region 6 (6LCRRC)
C. Cash, KAFB
S. Kottkamp, KAFB
K. Lynnes, KAFB

File: KAFB 2020 Bulk Fuels Facility Spill and Reading

Attachment

GENERAL REPORTING GUIDELINES

1. Overview

The purpose of this guidance document is to provide the general requirements and formats for documents related to corrective action activities required under the Resource Conservation and Recovery Act (RCRA). This guidance is not intended to provide document requirements for every potential corrective action conducted at the facility. Therefore, the formats for all types of documents are not presented below. The formats described include the general reporting requirements and formats for site-specific investigation work plans, investigation reports, routine monitoring reports, risk assessment reports, and corrective measures evaluations. Permittees should generally consider the documents to be the equivalents of RCRA facility investigation (RFI) work plans, RFI reports, periodic monitoring reports, risk assessments, and corrective measures study (CMS) reports, respectively, for the purposes of RCRA compliance. Permittees must include detailed, site-specific requirements in all interim status unit, solid waste management unit (SWMU), and Area of Concern (AOC) investigation work plans, investigation reports, monitoring reports, and corrective measures evaluations. All plans and reports should be prepared with technical and regulatory input from the NMED. All work plans and reports must be submitted to the NMED in the form of two paper copies and an electronic copy.

The document requirements listed do not include all sections that may be necessary to complete each type of document listed. A permittee or the NMED may determine that additional sections are required to address additional site-specific issues or information collected during corrective action or monitoring activities not listed below. However, permittees must submit variations of the general report format and the formats for documents not listed in this guidance in outline form to the NMED for approval prior to submittal of the documents. The NMED will approve or disapprove, in writing, the proposed document outline after receipt of the outline. If the NMED disapproves the report outline, the NMED will notify the permittee, in writing, of the outline's deficiencies and will specify a date for submittal of a revised report outline. All documents submitted by the Permittee must follow the general approach and limitations for data presentation described in this guidance document. If in conflict with a facilities RCRA Permit, the Permit condition should be followed.

2. Investigation Work Plan

Permittees must fulfill the requirements for preparation of work plans for unit-specific or corrective action activities at the facility using the general outline below. The minimum requirements for describing proposed activities within each section are included. All research, locations, depths and methods of exploration, field procedures, analytical analyses, data collection methods, and schedules must be included in each work plan. In general, interpretation of data acquired during previous investigations must be presented only in the background sections of the work plans. The other text sections of the work plans must be reserved for presentation of anticipated site-specific activities and procedures relevant to the project. The general work plan outline is provided below.

2.1 Title Page

The title page must include the type of document, facility name and the unit, SWMU, or AOC name(s) and the submittal date. A signature block providing spaces for the name, title, and organization of the preparer and the responsible representative of the facility must be provided on the title page in accordance with the signature requirements in 40 CFR 270.11(b).

2.2 Executive Summary (Abstract)

The executive summary (or abstract) must provide a brief summary of the purpose and scope of the investigation to be conducted at the subject site. The facility, unit, SWMU, or AOC name, revision number if applicable, and location must be included in the executive summary.

2.3 Table of Contents

The table of contents must list all text sections and subsections, tables, figures, and appendices or attachments included in the work plan. The corresponding page numbers for the titles of each section of the work plan must be included in the table of contents.

2.4 Introduction

The introduction must include the facility name, unit name and location, and unit status (e.g., active operations, closed, corrective action). General information on the current site usage and status must be included in this section. A brief description of the purpose of the investigation and the type of site investigation to be conducted must be provided in this section.

2.5 Background

The background section must describe relevant background information. This section must briefly summarize historical site uses including the locations of current and former site structures and features. A labeled figure must be included in the document showing the locations of current and former site structures and features. The locations of pertinent subsurface features such as pipelines, underground tanks, utility lines, and other subsurface structures must be included in the background summary and labeled on the site plan.

This section must identify potential receptors, including groundwater, and include a brief summary of the type and characteristics of all waste and all contaminants, the known and possible sources of contamination, the history of releases or discharges of contamination, and the known extent of contamination. This section must include brief summaries of results of previous investigations, including references to pertinent figures, data summary tables, and text in previous reports. At a minimum, detections of contaminants encountered during previous investigations must be presented in table format, with an accompanying figure showing sample locations. References to previous reports must include page, table, and figure numbers for referenced information. Summary data tables and site plans showing relevant investigation locations must be included in the Tables and Figures sections of the document, respectively.

2.6 Site Conditions

2.6.1 Surface Conditions

A section on surface conditions must provide a detailed description of current site topography, features, and structures including a description of drainages, vegetation, erosional features, and a detailed description of current site uses and operations at the site. In addition, descriptions of features located in surrounding sites that may have an impact on the subject site regarding sediment transport, surface water runoff, or contaminant fate and transport must be included in this section.

2.6.2 Subsurface Conditions

A section on subsurface conditions must provide a brief, detailed description of the site conditions observed during previous subsurface investigations, including relevant soil horizons, stratigraphy, presence of vadose zone fluids and groundwater, and other relevant information. A site plan showing the locations of all borings and excavations advanced during previous investigations must be included in the Figures section of the work plan. A brief description of the anticipated stratigraphic units that may be encountered during the investigation may be included in this section, if no previous investigations have been conducted at the site.

2.7 Scope of Activities

A section on the scope of activities must briefly describe a list of all anticipated activities to be performed during the investigation, including background information research, health and safety requirements that may affect or limit the completion of tasks, drilling, test pit or other excavations, well construction, field data collection, survey data collection, chemical analytical testing, aquifer testing, and IDW storage, disposal, and reporting.

2.8 Investigation Methods

A section on investigation methods must provide a description of all anticipated locations and methods for conducting the activities to be performed during the investigation. This section must include, but is not limited to, research methods, health and safety practices that may affect the completion of tasks, drilling methods, test pit or other excavation methods, sampling intervals and methods, well construction methods, field data collection methods, geophysical and land survey methods, field screening methods, chemical analytical testing, materials testing, aquifer testing, pilot testing, and other proposed investigation and testing methods. This information may also be summarized in table format, if appropriate.

2.9 Monitoring and Sampling Program

A section on monitoring and sampling must describe the anticipated monitoring and sampling program to be implemented after the initial investigation activities are completed. This section must provide a description of the anticipated vadose zone fluids, groundwater, vadose zone vapor, vadose zone moisture, and other monitoring and sampling programs to be implemented at the unit.

2.10 Schedule

A section must provide the anticipated schedule for completion of field investigation, pilot testing, and monitoring/sampling activities. In addition, this section must provide a schedule for submittal of reports and data to the NMED, including a schedule for submitting status reports, preliminary data, and the final investigation report.

2.11 Tables

The following summary tables may be included in the investigation work plans if previous investigations have been conducted at the unit. Data presented in the tables must include information on dates of data collection, analytical methods, detection limits, and significant data quality exceptions. All data tables must include only detected analytes and data quality exceptions that could potentially mask detections. The following tables must be included in investigation work plans, as applicable;

a. summaries of regulatory criteria, background, and applicable cleanup levels (may be included in the analytical data tables instead of as separate tables);

b. summaries of historical field survey location data;

c. summaries of historical field screening and field parameter measurements of soil, rock, sediments, groundwater, surface water, and air quality;

d. summaries of historical soil, rock, or sediment laboratory analytical data must include the analytical methods, detection limits, and significant data quality exceptions that could influence interpretation of the data;

e. summaries of historical groundwater elevation and depth to groundwater data. The table must include the monitoring well depths, the screened intervals in each well, and the dates and times measurements were taken;

f. summaries of historical groundwater laboratory analytical data. The analytical data tables must include the analytical methods, detection limits, and significant data quality exceptions that could influence interpretation of the data;

g. summary of historical surface water laboratory analytical data. The analytical data tables must include the analytical methods, detection limits, and significant data quality exceptions that could influence interpretation of the data;

h. summary of historical air sample screening and chemical analytical data. The data tables must include the screening instruments used, laboratory analytical methods, detection limits, and significant data quality exceptions that could influence interpretation of the data; and

i. summary of historical pilot test or other test data, if applicable, including units of measurement and types of instruments used to obtain measurements.

2.12 Figures

The following figures must be included with each investigation work plan for each site, including presentation of data where previous investigations have been conducted. All figures must include an accurate bar scale and a north arrow. An explanation must be included on each figure for all abbreviations, symbols, acronyms, and qualifiers. The following figures must be included in investigation work plans, as applicable:

a. a vicinity map showing topography and the general location of the site relative to surrounding features and properties;

b. a unit site plan that presents pertinent site features and structures, underground utilities, well locations, and remediation system locations and details; off-site well locations and other relevant features must be included on the site plan, if appropriate; additional site plans may be required to present the locations of relevant off-site well locations, structures, and features;

c. figures showing historical and proposed soil boring locations, excavation locations, and sampling locations;

d. figures presenting historical soil sample field screening and laboratory analytical data;

e. figures presenting the locations of all existing and proposed borings and vapor monitoring point locations,

f. figures presenting historical vadose zone organic vapor data;

g. figures showing all existing and proposed monitoring wells and piezometers;

h. figures presenting historical groundwater and vadose zone fluid elevation data, and indicating groundwater and vadose zone fluid flow directions;

i. figures presenting historical groundwater and vadose zone fluid laboratory analytical data, if applicable; the chemical analytical data corresponding to each sampling location can be presented in tabular form on the figure or as an isoconcentration map;

j. figures presenting historical and proposed vadose zone fluid neutron probe access tube locations and field measurement data for soil moisture, if applicable;

k. figures presenting historical surface water laboratory analytical data, if applicable;

l. figures showing historical and proposed air sampling locations and presenting historical air quality data, if applicable;

m. figures presenting historical pilot testing locations and data, where applicable, including site plans and graphic data presentation; and

n. figures presenting geologic cross-sections based on outcrop and borehole data acquired during previous investigations, if applicable.

2.13 Appendices

An IDW management plan must be included as an appendix to the investigation work plan. Additional appendices may be necessary to present additional data or documentation not listed above.

3. Investigation Report

Permittees must prepare investigation reports at the facility using the general outline below. Investigation Reports are the reporting mechanism for presenting the results of completed Investigation Work Plans. This section describes the minimum requirements for reporting on site investigations. All data collected during each site investigation event in the reporting period must be included in the reports. In general, interpretation of data must be presented only in the background, conclusions, and recommendations sections of the reports. The other text sections of the reports must be reserved for presentation of facts and data without interpretation or qualifications. The general report outline is provided below.

3.1 Title Page

The title page must include the type of document and version number, the facility name, the unit, SWMU, or AOC, and the submittal date. A signature block providing spaces for the name, title, and organization of the preparer and the responsible facility representative must be provided on the title page in accordance with the signature requirements in 40 CFR 270.11(b).

3.2 Executive Summary

The executive summary must provide a brief summary of the purpose, scope, and results of the investigation conducted at the subject site during the reporting period. In addition, this section must include a brief summary of conclusions based on the investigation data collected and recommendations for future investigation, monitoring, remedial action, or site closure.

3.3 Table of Contents

The table of contents must list all text sections, subsections, tables, figures, and appendices or attachments included in the report. The corresponding page numbers for the titles of each section of the report must be included in the table of contents.

3.4 Introduction

The introduction section must include the facility name, unit name and location, and unit status (e.g., active operations, closed, corrective action). General information on the site usage and status must be included in this section. A brief description of the purpose of the investigation, the type of site investigation conducted, and the type of results presented in the report also must be provided in this section.

3.5 Background

The background section must describe relevant background information. This section must briefly summarize historical site uses including the locations of current and former site structures and features. A labeled figure must be included in the document showing the locations of current and former site structures and features. The locations of subsurface features such as pipelines, underground tanks, utility lines, and other subsurface structures must be included in the background summary and labeled on the figure. In addition, this section must include a brief summary of the possible sources of contamination, the history of releases or discharges of contamination, the known extent of contamination, and the results of previous investigations including references to previous reports. The references to previous reports must include page, table, and figure numbers for referenced information. A site plan showing relevant investigation locations and summary data tables must be included in the Figures and Tables sections of the document, respectively.

3.6 Scope of Activities

This section on the scope of activities must briefly describe all activities performed during the investigation event including background information research, implemented health and safety measures that affected or limited the completion of tasks, drilling, test pit or other excavation methods, well construction methods, field data collection, survey data collection, chemical analytical testing, aquifer testing, remediation system pilot testing, and IDW storage or disposal.

3.7 Field Investigation Results

A section must provide a summary of the procedures used and the results of all field investigation activities conducted at the site including, but not limited to, the dates that investigation activities were conducted, the type and purpose of field investigation activities performed, field screening measurements, logging and sampling results, pilot test results, construction details, and conditions observed. Field observations or conditions that altered the planned work or may have influenced the results of sampling, testing, and logging must be reported in this section. At a minimum, the following subsections must be included, where appropriate.

3.7.1 Surface Conditions

A section on surface conditions must describe current site topography, features, and structures including topographic drainages, man-made drainages, vegetation, and erosional features. It must also include a description of current site uses and any operations at the site. In addition, descriptions of features located in surrounding sites that may have an impact on the subject site

regarding sediment transport, surface water runoff, or contaminant transport must be included in this section.

3.7.2 Exploratory Drilling or Excavation Investigations

A section must describe the locations, methods, and depths of subsurface explorations. The description must include the types of equipment used, the logging procedures, exploration equipment, decontamination procedures, and conditions encountered that may have affected or limited the investigation. Samples obtained from all exploratory borings and excavations must be visually inspected and the soil or rock type classified in general accordance with ASTM D2487 (Unified Soil Classification System) and D2488, or AGI Methods for soil and rock classification. Detailed logs of each boring must be completed in the field by a qualified engineer or geologist.

A description of the site conditions observed during subsurface investigation activities must be included in this section, including soil horizon and stratigraphic information. Site plans showing the locations of all borings and excavations must be included in the Figures section of the report. Boring and test pit logs for all exploratory borings and test pits must be presented in an appendix or attachment to the report.

3.7.3 Subsurface Conditions

A section on subsurface conditions must describe known subsurface lithology and structures based on observations made during the current and previous subsurface investigations, including interpretation of geophysical logs and as-built drawings of man-made structures. A description of the known locations of pipelines, utility lines, and observed geologic structures must also be included in this section. A site plan showing boring and excavation locations and the locations of the site's above- and below-ground structures must be included in the Figures section of the report. In addition, cross-sections must be constructed, if appropriate, to provide additional visual presentation of site or regional subsurface conditions.

3.7.4 Monitoring Well Construction, Boring, or Excavation Abandonment

A section must describe the methods and details of monitoring well construction and the methods used to abandon or backfill exploratory borings and excavations. The description must include the dates of well construction, boring abandonment, or excavation backfilling. In addition, boring logs, test pit logs, and well construction diagrams must be included in an attachment or appendix. Well construction diagrams must be included with the associated boring logs for borings that are converted to monitoring wells.

3.7.5 Groundwater Conditions

A section must describe groundwater conditions observed beneath the subject site and relate local groundwater conditions to regional groundwater conditions. A description of the depths to water, aquifer thickness, and groundwater flow directions must be included in this section for alluvial groundwater, shallow perched groundwater, intermediate perched groundwater, and regional groundwater, as appropriate to the investigation. Figures showing well locations,

surrounding area, groundwater elevations, and flow directions for each hydrologic zone must be included in the Figures section of the report.

3.7.6 Surface Water Conditions

A section must describe surface water conditions and include a description of surface water runoff, surface water drainage, surface water sediment transport, and contaminant transport in surface water as suspended load and as a dissolved phase in surface water via natural and man-made drainages, if applicable. A description of contaminant fate and transport must be included, if appropriate.

3.7.7 Subsurface Air and Soil Moisture Conditions

A section must describe subsurface air monitoring and sampling methods used during the site investigation. It must also describe observations made during the site investigation regarding subsurface flow pathways and the subsurface air-flow regime.

3.7.8 Materials Testing Results

A section must discuss the materials testing results, such as core permeability testing, grain size analysis, or other materials testing results. Sample collection methods, locations, and depths must also be included. Corresponding summary tables must be included in the Tables section of the report.

3.7.9 Pilot Testing Results

A section must discuss the results of any pilot testing. Pilot testing is typically conducted after initial subsurface investigations are completed and the need for additional investigation or remediation has been evaluated. Pilot testing, including aquifer testing and remediation system pilot testing, must be addressed through separate pilot test work plans and reports. The format for pilot test work plans and reports must be approved by the NMED prior to submittal.

3.8 Regulatory Criteria

A section must set forth the applicable cleanup standards, screening levels, and risk-based cleanup goals for each pertinent medium at the subject site. The appropriate cleanup levels for each site must be included if site-specific levels have been established at separate facility sites or units. A table summarizing the applicable cleanup standards must be included as part of the document. Alternately, the report may include applicable cleanup standards as a column in the data tables. Risk-based evaluation procedures, if used to calculate cleanup levels, must be presented in a separate document or in an appendix to this report. If cleanup levels calculated in a risk evaluation are employed, the risk evaluation document must be referenced and must include pertinent page numbers for referenced information.

3.9 Site Contamination

A section must provide a description of sampling intervals and methods for detection of surface and subsurface contamination in soils, rock, sediments, groundwater, surface water, and as vapor-phase contamination. Only factual information must be included in this section. Interpretation of the data must be reserved for the summary and conclusions sections of the report. Tables summarizing all sampling, testing, and screening results for detected contaminants must be prepared in a format approved by the NMED. The tables must be presented in the Tables section of the report.

3.9.1 Soil, Rock, and Sediment Sampling

A section must describe the sampling of soil, rock and sediment. It must include the dates, locations, and methods of sample collection, sampling intervals, sample logging methods, screening sample selection methods, and laboratory sample selection methods including the collection depths for samples submitted for laboratory analyses. A site plan showing the sample locations must be included in the Figures section of the report.

3.9.2 Sample Field Screening Results

A section must describe the field screening methods used during the investigation and the field screening results. Field screening results also must be presented in summary tables in the Tables section of the document. The limitations of field screening instrumentation and any conditions that influenced the results of field screening must be discussed in this subsection.

3.9.3 Soil, Rock, and Sediment Sampling Chemical Analytical Results

A section must briefly summarize the laboratory analyses conducted, the analytical methods and results and provide a comparison of the data to cleanup standards or established cleanup levels for the site. The laboratory results also must be presented in summary tables in the Tables section of the document. Field conditions and sample collection methods that could potentially affect the analytical results must be described in this section. If appropriate, soil analytical data must be presented with sample locations on a site plan and included in the Figures section of the report.

3.9.4 Subsurface Vapor Sampling

A section must describe the air and subsurface vapor sampling. It must describe the dates, locations, methods of sample collection, methods for sample logging, and methods for laboratory sample selection. A site plan showing all air and subsurface vapor sampling locations must be provided in the Figures section of the report.

3.9.5 Subsurface Vapor Field Screening Results

A section must describe the subsurface vapor field screening results. It must describe the field screening methods used for ambient air and subsurface vapors during the investigation and the field screening results. Field screening results must also be presented in summary tables in the Tables section of the report. The locations of ambient air and subsurface vapor screening sample

collection must be presented on a site plan included in the Figures section of the report. The limitations of field screening instrumentation and any conditions that influenced the results of field screening must be discussed in this section.

3.9.6 Air and Subsurface Vapor Laboratory Analytical Results

This section must describe the results of air and subsurface vapor laboratory analyses. It must describe the air sampling laboratory analytical methods and results and provide a comparison of the data to applicable cleanup levels for the site. The rationale or purpose for altering or modifying the subsurface vapor sampling program outlined in the site investigation work plan also must be provided in this section. Field conditions that may have affected the analytical results during sample collection must be described in this section. Tables summarizing the air sample laboratory, field, and analytical QA/QC data; applicable cleanup levels; and modifications to the air sampling program must be provided in the Tables section of the report. Contaminant concentrations must be presented as data tables or as isoconcentration contours on a map included in the Figures section of the report.

3.10 Conclusions

A conclusions section must provide a brief summary of the investigation activities and a discussion of the conclusions of the investigation conducted at the site. In addition, this section must provide a comparison of the results to applicable cleanup levels, and to relevant historical investigation results and analytical data. Potential receptors, including groundwater, must be identified and discussed. An explanation must be provided with regard to data gaps. A risk assessment may be included as an appendix to the investigation report; however, the risk analysis must be presented in the risk assessment format described in Permit Section 6.5. References to the risk analysis must be presented only in the summary and conclusions sections of the Investigation Report.

3.11 Recommendations

A section must discuss the need for further investigation, corrective measures, risk assessment and monitoring, or recommendations for corrective action completed based on the conclusions provided in the Conclusions section. It must include explanations regarding additional sampling, monitoring, and site closure. A corresponding schedule for further action regarding the site must also be provided.

3.12 Tables

This section must provide the following summary tables. Data presented in the tables must include the current data, dates of data collection, analytical methods, detection limits, and significant data quality exceptions. All summary data tables must include only detected analytes and data quality exceptions that could potentially mask detections. The following tables must be included in investigation reports, as applicable:

a. tables summarizing regulatory criteria, background levels, and applicable cleanup levels; this information may be included in the analytical data tables instead of as separate tables;

b. tables summarizing field survey location data; separate tables must be prepared for well locations and individual medium sampling locations except where the locations are the same for more than one medium;

c. tables summarizing field screening and field parameter measurements of soil, sediment, vadose zone fluid, vadose zone vapor, vadose zone moisture, and groundwater, surface water, and air quality;

d. a table summarizing soil laboratory analytical data; it must include the analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

e. a table summarizing the groundwater elevations and depth-to-water data; the table must include the monitoring well depths and the screened intervals in each well;

f. a table summarizing the groundwater laboratory analytical data; the analytical data tables must include the analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

g. a table summarizing the surface water laboratory analytical data; the analytical data tables must include the analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

h. A table summarizing the air sample screening and laboratory analytical data; the data tables must include the screening instruments used, laboratory analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

i. tables summarizing the pilot testing data, if applicable, including units of measurement and types of instruments used to obtain measurements; and

j. a table summarizing the materials testing data, if applicable.

3.13 Figures

All figures must be included with each investigation report, as appropriate. All figures must include a scale and a north arrow. An explanation must be provided on each figure for all abbreviations, symbols, acronyms, and qualifiers. All maps must have a date. A section must provide the following figures:

a. a vicinity map showing topography and the general location of the site relative to surrounding features and properties;

b. a site plan that presents pertinent site features and structures, underground utilities, well locations, and remediation system locations and details; off-site well locations and other relevant features must be included on the site plan; additional site plans may be required to present the locations of relevant off-site well locations, structures and features;

c. figures showing boring, excavation, and sampling locations;

d. figures presenting soil sample field screening and laboratory analytical data;

e. figures displaying the locations of all newly installed and existing wells and borings;

f. figures presenting monitoring well locations, groundwater elevation data, and groundwater flow directions;

g. figures presenting groundwater laboratory analytical data, including any past data requested by the NMED; the chemical analytical data corresponding to each sampling location may be presented in table form on the figure or as an isoconcentration map;

h. figures presenting surface water sample locations and field measurement data including any past data requested by the NMED;

i. figures presenting surface water laboratory analytical data including any past data, if applicable; the laboratory analytical data corresponding to each sampling location may be presented in tabular form on the figure;

j. figures showing air and subsurface vapor sampling locations and presenting air and subsurface vapor quality data; the field screening or laboratory analytical data corresponding to each sampling location may be presented in tabular form on the figure or as an isoconcentration map;

k. figures presenting geologic cross-sections based on outcrop and borehole data; and

l. figures presenting pilot testing locations and data, where applicable, including site plans or graphic data presentation.

3.14 Appendices

Each investigation report must include the following appendices. Additional appendices may be necessary to present data or documentation not listed below.

3.14.1 Field Methods

An appendix must provide detailed descriptions of the methods used to acquire field measurements of each media that was surveyed or tested during the investigation. Methods must include, but are not limited to, exploratory drilling or excavation methods, the methods and types

of instruments used to obtain field screening, field analytical or field parameter measurements, instrument calibration procedures, sampling methods for each medium investigated, decontamination procedures, sample handling procedures, documentation procedures, and a description of field conditions that affected procedural or sample testing results. Methods of measuring and sampling during pilot testing must be reported in this appendix, if applicable. Copies of IDW disposal documentation must be provided in a separate appendix.

3.14.2 Boring/Test Pit Logs and Well Construction Diagrams

An appendix must provide boring logs, test pit or other excavation logs, and well construction details. In addition, a key to symbols and a soil or rock classification system must be included in this appendix. Geophysical logs must be provided in a separate section of this appendix.

3.14.3 Chemical Analytical Program

Chemical analytical methods, a summary of data quality objectives, and a summary of data quality review procedures must be reported in an appendix. A summary of data quality exceptions and their effect on the acceptability of the field and laboratory analytical data with regard to the investigation and the site status must be included in this appendix, along with references to case narratives provided in the laboratory reports.

3.14.4 Chemical Analytical Reports

A section must include all laboratory chemical analytical data generated for the reporting period. The reports must include all chain-of-custody records and QA/QC results provided by the laboratory. The laboratory reports may be provided electronically in a format approved by the NMED and must be in the form of a final laboratory report. Laboratory report data tables may be submitted in Microsoft Excel format. Hard (paper) copies of the chain-of-custody forms must be submitted with the reports regardless of whether the final laboratory report is submitted electronically or in hard copy.

3.14.5 Other Appendices

Other appendices containing additional information must be included as required by the NMED or as otherwise appropriate.

4. Periodic Monitoring Report

The Permittee must use the following guidance for preparing periodic monitoring reports. The reports must present the results of periodic groundwater, surface water, vapor, and remediation system monitoring at the facility. The following sections provide a general outline for monitoring reports and the minimum requirements for reporting of periodic monitoring conducted at the facility. All data collected during each monitoring or sampling event in the reporting period must be included in the reports. In general, interpretation of data must be presented only in the background, conclusions, and recommendations sections of the reports. The other text sections of the reports must be reserved for presentation of facts and data without interpretation or qualifications.

4.1 Title Page

The title page must include the type of document, revision number if applicable, the facility name, the unit, SWMU, or AOC name(s), and the submittal date. A signature block providing spaces for the name, title, and organization of the preparer and the responsible representative of the facility must be provided on the title page in accordance with the signature requirements in 40 CFR 270.11(b).

4.2 Executive Summary

The executive summary must provide a brief summary of the purpose, scope, and results of the monitoring conducted at the subject site during the reporting period. The facility, unit, SWMU, and AOC name(s) and location(s) must be included in the executive summary. In addition, this section must include a brief summary of conclusions based on the monitoring data collected.

4.3 Table of Contents

The table of contents must list all text sections, subsections, tables, figures, and appendices or attachments included in the report. The corresponding page numbers for the titles of each section of the report must be included in the table of contents.

4.4 Introduction

The introduction section must include the facility name and the unit name(s), location(s), and status (e.g. active operations, closed, corrective action). General information on the site usage and status must be included in this section. A brief description of the purpose of the monitoring, type of monitoring conducted, and the type of results presented in the report also must be provided in this section.

4.5 Scope of Activities

A section on the scope of activities must briefly describe all activities performed during the monitoring event or reporting period including field data collection, analytical testing, if applicable, and purge/decontamination water storage and disposal.

4.6 Regulatory Criteria

A section on regulatory criteria must provide information regarding applicable cleanup standards, risk-based screening levels, and risk-based cleanup goals for the site. A table summarizing the applicable cleanup standards, or inclusion of applicable cleanup standards as a column in the data tables, can be substituted for this section. The appropriate cleanup levels for each site must be included if site-specific levels have been established at separate sites. Risk-based evaluation procedures, if used to calculate cleanup levels, must either be included as an attachment or submitted as a separate document and referenced. The specific document and page numbers must be included for all referenced materials.

4.7 Monitoring Results

A section must provide a summary of the results of monitoring conducted at the site. This section must include the dates and times that monitoring was conducted, the measured depths to groundwater, directions of groundwater and vadose zone fluids flow, field air and water quality measurements, static pressures, field measurements, and a comparison to previous monitoring results. Field observations or conditions that may influence the results of monitoring must be reported in this section. Tables summarizing leachate and vapor-monitoring parameters, groundwater and vadose zone fluid elevations, depth-to-water measurements, and other field measurements may be substituted for this section. The tables must include all information required in Permit Section 6.4.11.

4.8 Chemical Analytical Data Results

A section must discuss the results of the chemical analyses. It must provide the dates of sampling and the analytical results. It must also provide a comparison of the data to previous results and to any cleanup standards or established cleanup levels for the site. The rationale or purpose for altering or modifying the sampling program must be provided in this section. A table summarizing the laboratory analytical data, QA/QC data, applicable cleanup levels, and modifications to the sampling program may be substituted for this section. The tables must include all information required in Permit Section 6.4.11.

4.9 Remediation System Monitoring

A section must discuss remediation system monitoring. It must summarize the remediation system's capabilities and performance. It must also provide monitoring data, treatment system discharge sampling requirements, and system influent and effluent sample analytical results. The dates of operation, system failures, and modifications made to the remediation system during the reporting period must also be included in this section. A summary table may be substituted for this section. The tables must include all information required in Permit Section 6.4.11.

4.10 Summary

A summary section must provide a discussion and conclusions of the monitoring conducted at the site. In addition, this section must provide a comparison of the results to applicable cleanup levels and to relevant historical monitoring and chemical analytical data. An explanation must be provided with regard to data gaps. A discussion of remediation system performance, monitoring results, modifications if applicable, and compliance with discharge requirements must be provided in this section. Recommendations and explanations regarding future monitoring, remedial actions, or site closure must also be included in this section.

4.11 Tables

A section must provide the following summary tables for the media sampled. With prior approval from the NMED, the Permittee may combine one or more of the tables. Data presented in the tables must include the current sampling and monitoring data, as well as data from the three previous monitoring events or, if data from less than three monitoring events is available, data

acquired during previous investigations. Remediation system monitoring data also must be presented. The dates of data collection must be included in the tables. Summary tables may be substituted for portions of the text. The analytical data tables must include only detected analytes and data quality exceptions that could potentially mask detections. The following tables must be included, as applicable:

a. a table summarizing the regulatory criteria (a regulatory criteria text section may be substituted for this table or the applicable cleanup levels may be included in the analytical data tables);

b. a table summarizing groundwater and vadose zone fluid elevations, and depths to water data; the table must include the monitoring well depths, casing elevations, the screened intervals in each well, and the dates and times of measurements;

c. a table summarizing field measurements of surface water quality data, if applicable;

d. a table summarizing field measurements of subsurface vapor monitoring and soil moisture data (including historical vapor monitoring data as described above);

e. a table summarizing field measurements of groundwater and vadose zone fluid quality data (including historical water quality data as described above);

f. a table summarizing subsurface vapors chemical analytical data, if applicable (including historical analytical data as described above);

g. a table summarizing surface water chemical analytical data, if applicable (including historical surface water analytical data as described above);

h. a table summarizing groundwater and vadose zone fluid chemical analytical data (including historical groundwater analytical data as described above); and

i. a table summarizing remediation system monitoring data, if applicable (including historical remediation system monitoring data as described above).

4.12 Figures

A section must include the following figures. All figures must include a scale and north arrow. An explanation must be provided on each figure for all abbreviations, symbols, acronyms, and qualifiers. All figures must have a date. The following figures must be included, as applicable:

a. a vicinity map showing topography and the general location of the site relative to surrounding features or properties;

b. a facility site plan that presents pertinent site features and structures, well and piezometer

neutron probe access tubes locations and remediation system location(s) and features; off-site well locations and pertinent features must be included on the site plan, if practical; additional site plans may be required to present the locations of relevant off-site well locations, structures, and features;

c. figures presenting the locations of neutron probe access tubes, monitoring and other well locations, groundwater and vadose zone fluid elevation data, and groundwater and vadose zone fluid flow directions;

d. figures presenting groundwater and vadose zone fluid analytical data for the current monitoring event; the analytical data corresponding to each sampling location may be presented in tabular form on the figure or as an isoconcentration map;

e. figures presenting surface water sampling locations and analytical data for the current monitoring period;

f. figures presenting vertical profiles of soil moisture content for neutron probe measurements for the current monitoring period;

g. figures presenting subsurface vapor sampling locations and analytical data for the current monitoring event; the analytical data corresponding to each sampling location may be presented in table form on the figure or as an isoconcentration map; and

h. figures presenting geologic cross-sections based on outcrop and borehole data, if applicable.

4.13 Appendices

Each monitoring report must include the following appendices. Additional appendices may be necessary to present data or documentation not listed below.

4.13.1 Field Methods

The report must include a section that outlines the methods used to acquire field measurements of groundwater and vadose zone fluid elevations, subsurface vapor, soil moisture, water quality data, subsurface vapor samples, vadose zone fluid samples, and groundwater samples. It must include the methods and types of instruments used to measure depths to water, air, headspace, or subsurface vapor parameters, soil moisture information, and water quality parameters. In addition, decontamination, well purging techniques, well sampling techniques, and sample handling procedures must be provided in this appendix. Methods of measuring and sampling remediation systems must be reported in this section, if applicable. Purge and decontamination water storage and disposal methods must also be presented in this appendix. Copies of purge and decontamination water disposal documentation must be provided in a separate appendix.

4.13.2 Chemical Analytical Program

An appendix must discuss the analytical program. It must include the analytical methods, a summary of data quality objectives, and data quality review procedures. A summary of data quality exceptions and their effect on the acceptability of the analytical data with regard to the monitoring event and the site status must be included in this appendix along with references to case narratives provided in the laboratory reports.

4.13.3 Chemical Analytical Reports

An appendix must include all laboratory chemical analytical data generated for the reporting period. The data may be submitted electronically on a compact disc in Microsoft Excel or other format acceptable to the NMED. The reports must include all chain-of-custody records and QA/QC results provided by the laboratory. Hard (paper) copies of all chain-of-custody records must be submitted as part of this appendix.

5. Risk Assessment Report

The Permittee must prepare risk assessment reports for sites requiring corrective action at the facility using the format described below. This section provides a general outline for risk assessments and also sets forth the minimum requirements for describing risk assessment elements. In general, interpretation of data must be presented only in the background, conceptual site model, and conclusions and recommendations sections of the reports. The other text sections of the risk assessment report must be reserved for presentation of sampling results from all investigations, conceptual and mathematical elements of the risk assessment, and presentations of toxicity information and screening values used in the risk assessment. The human health and ecological risk assessments must be presented in separate sections, but the general risk assessment outline applicable to both sections is provided below.

5.1 Title Page

The title page must include the type of document, revision number if applicable, the facility name, the unit, SWMU, or AOC name(s), and the submittal date. A signature block providing spaces for the name, title, and organization of the preparer and the responsible representative of the facility must be provided on the title page in accordance with the signature requirements in 40 CFR 270.11(b).

5.2 Executive Summary

The executive summary section must provide a brief summary of the purpose and scope of the risk assessment of the subject site. The executive summary must also briefly summarize the conclusions of the risk assessment. The facility, unit, SWMU, or AOC name(s) and location(s) must be included in the executive summary.

5.3 Table of Contents

The table of contents must list all text sections, subsections, tables, figures, and appendices or attachments included in the risk assessment. The corresponding page numbers for the titles of each unit of the report must be included in the table of contents.

5.4 Introduction

The introduction section must include the facility name, unit name(s) and location(s), and unit status (e.g., active operations, closed, corrective action). General information on the current site usage and status must be included in this section.

5.5 Background

The background section must describe relevant background information. This section must briefly summarize historical site uses including the locations of current and former site structures and features. A labeled figure must be included in the document showing the locations of current and former site structures and features.

5.5.1 Site Description

A section must provide a description of current site topography, features, and structures including a description of drainages, erosional features, current site uses, and other data relevant to assessing risk at the site. Depth to groundwater, vadose zone fluids, and directions of groundwater and vadose zone fluids flow must be included in this section. The presence and location of surface water bodies such as springs or wetlands must be noted in this section. Photos of the site may be incorporated into this section, if desired. Ecological features of the site must be described here, including type and amount of vegetative cover, observed and expected wildlife receptors, and level of disturbance of the site. A topographical map of the site and general vicinity of the site showing habitat types, boundaries of each habitat, and any surface water features must be included in the Figures section of the document.

5.5.2 Sampling Results

A section must include a summary of the history of releases of contaminants, known and possible sources of contamination, and the vertical and lateral extent of contamination present in each media. This section must include summaries of sampling results of all investigations, including site plans (included in the Figures section of the document), showing locations of detected contaminants. This section must reference pertinent figures, data summary tables, and citations for references to previous reports. References to previous reports must include page, table, and figure numbers for referenced information. Summaries of sampling data for each constituent must include the maximum value detected, the detection limit, the 95% UCL of the mean value detected (if applicable to the data set) and whether that 95% UCL of the mean was calculated based on a normal or lognormal distribution. Background values used for comparison to inorganic constituents at the site must be presented in this subsection. The table of background values must appear in the Tables section of the document and include actual values used as well as the origin

of the values (facility-wide, site-specific, UCL, UTL). This section must also include a discussion of how “non-detect” sample results were handled in the averaging of data.

5.6 Conceptual Site Model

A section must present the conceptual site model. It must include information on the expected fate and transport of contaminants detected at the site. This section must provide a list of all sources of contamination at the site. Sources that are no longer considered to be ongoing but represent the point of origination for contaminants transported to other locations must be included. The discussion of fate and transport must address potential migration of each contaminant in each medium, potential breakdown products and their migration, and anticipated pathways of exposure for human or ecological receptors. Diagrammatic representations of the conceptual site model must appear in the Figures section of the document.

For human health risk assessments, the conceptual site model must include residential land use as the future land use for all risk assessments. In addition, site-specific future land use may be included, provided that written approval to consider a site-specific future land use has been obtained from the NMED prior to inclusion in the risk assessment. If a site-specific future land use scenario appears in the risk assessment, all values for exposure parameters and the source of those values must be included in table format and presented in the Tables section of the document.

Conceptual site models presented for ecological risk assessments must identify assessment endpoints and measurement receptors for the site. The discussion of the model must explain how the measurement receptors for the site are protective of wildlife receptors.

5.7 Risk Screening Levels

A section must present the actual screening values used for each contaminant for comparison to all human health and ecological risk screening levels. A discussion of the methods used to calculate the screening levels in accordance with Permit Section 3.5 and any variances from those procedures must be included in this Section. If no valid toxicological studies exist for the receptor or contaminant, the contaminant and receptor combination must be addressed using qualitative methods. If an approved site-specific risk scenario is used for the human health risk assessment, this section must include all toxicity information and exposure assessment equations used for the site-specific scenario, as well as the sources for that information. Other regulatory levels applicable to screening the site, such as drinking water MCLs, must also be included in this section.

5.8 Risk Assessment Results

This section must present all risk values, Hazard Quotients (HQs), and Hazard Indices (HIs) for human health under projected future residential scenario and any site-specific scenarios. This section must also present the HQ and HI for each contaminant for each ecological receptor. IN

addition, this section must include discussion of qualitative, semi-quantitative, and quantitative uncertainty in the risk assessment and estimate the potential impact of the various uncertainties.

5.9 Conclusions and Recommendations

This section must include an interpretation of the results of the risk assessment and any recommendations for future disposition of the site. This section may include additional information and considerations that the Permittee believes are relevant to the analysis of the site.

5.10 Tables

Data presented in the summary tables must include information on detection limits and significant data quality exceptions. All data tables must include only detected analytes and data quality exceptions that could potentially mask detections. A section must provide the following summary tables, as appropriate. With prior approval from the NMED, the Permittee may combine one or more of the tables:

a. a table presenting background values used for comparison to inorganic constituents at the site; the table must include actual values used as well as the origin of the values (facility-wide, site-specific, UCL, UTL, or maximum);

b. a table summarizing sampling data must include, for each constituent, all detected values above background, the maximum value detected, the 95 percent UCL of the mean value detected (if applicable to the data set), and whether that 95 percent UCL of the mean was calculated based on a normal or lognormal distribution;

c. a table of all screening values used and the sources of those values;

d. a table presenting all risk values, HQs, and HIs under projected future residential scenario;

e. a table presenting all risk values, HQs, and HIs under approved additional site- specific future land use scenario; and

f. a table presenting the HQ and HI for each contaminant for each ecological receptor.

5.11 Figures

This section must present the following figures for each site, as appropriate. With prior approval from the NMED, the Permittee may combine one or more of the figures. All figures must include a scale and a north arrow. An explanation must be provided on each figure for all abbreviations, symbols, acronyms, and qualifiers. The following figures must be included, as applicable:

a. a vicinity map showing topography and the general location of the site relative to surrounding features or properties;

b. for human health risk assessments, a site plan that presents pertinent site features and structures, underground utilities, well locations, and remediation system locations and its details; off-site well locations and other relevant features must be included on the site plan if practical; additional site plans may be required to present the locations of relevant off-site wells, structures, and features;

c. for ecological risk assessments, a topographical map of the site and general vicinity of the site showing habitat types, boundaries of each habitat, and any surface water features; and

d. conceptual site model diagrams for both human health and ecological risk assessments.

5.12 Appendices

Appendices may be included to present additional relevant information for the risk analysis such as the results of statistical analyses of data sets and comparisons of data, ecological checklists for the site, full sets of results of all sampling investigations at the site, or other data as appropriate.

6. Corrective Measures Evaluation

The Permittee must prepare corrective measures evaluations for sites requiring corrective measures using the format described below. This section provides a general outline for corrective measures evaluations and sets forth the minimum requirements for describing corrective measures when preparing these documents. All investigation summaries, site condition descriptions, corrective action goals, corrective action options, remedial options selection criteria, and schedules must be included in the corrective measures evaluations. In general, interpretation of historical investigation data must be presented only in the background sections of the corrective measures evaluations. At a minimum, detections of contaminants encountered during previous site investigations must be presented in the corrective measures evaluations in table format with an accompanying site plan depicting sample locations. The other text sections of the corrective measures evaluations must be reserved for presentation of corrective action-related information regarding anticipated or potential site-specific corrective action options and methods relevant to the project. The general corrective measures evaluation outline is provided below.

6.1 Title Page

The title page must include the type of document, revision number if applicable, the facility name, the unit, SWMU, or AOC name(s), and the submittal date. A signature block providing spaces for the name, title, and organization of the preparer and the responsible facility representative must be provided on the title page in accordance with the signature requirements in 40 CFR 270.11(b).

6.2 Executive Summary

The executive summary must provide a brief summary of the purpose and scope of the corrective measures evaluation to be conducted at the site. The executive summary or abstract must also

briefly summarize the conclusions of the evaluation. The facility, unit, SWMU, or AOC name(s) and location(s) must be included in the executive summary.

6.3 Table of Contents

The table of contents must list all text sections, subsections, tables, figures, and appendices or attachments included in the corrective measures evaluation. The corresponding page numbers for the titles of each section of the report must be included in the table of contents.

6.4 Introduction

The introduction section must include the facility name, unit name(s) and location(s) and unit status (e.g., active operations, closed, corrective action). General information on the current site use and status must be included in this section. A brief description of the purpose of the corrective measures evaluation and the corrective action objectives for the project also must be provided in this section.

6.5 Background

The background section must describe the relevant background information. This section must briefly summarize historical site activities including the locations of current and former site structures and features. A labeled figure must be included in the document showing the locations of current and former site structures and features. The locations of subsurface features such as pipelines, underground tanks, utility lines, and other subsurface structures must be included in the background section and labeled on the site plan.

This section must include contaminant and waste characteristics, a brief summary of the history of contaminant releases, known and possible sources of contamination, and the vertical and lateral extent of contamination present in each medium. This section must include brief summaries of results of previous investigations, including references to pertinent figures, data summary tables, and text in previous reports. References to previous reports must include page, table, and figure numbers for referenced information. Summary tables and site plans showing relevant investigation locations must be referenced and included in the Tables and Figures sections of the document, respectively.

6.6 Site Conditions

6.6.1 Surface Conditions

A section on surface conditions must describe current and historic site topography, features, and structures, including a description of topographic drainages, man-made drainages, vegetation, and erosional features. It must also include a description of current uses of the site and any current operations at the site. This section must also include a description of those features that could potentially influence corrective action option selection or implementation such as archeological sites, wetlands, or other features that may affect remedial activities. In addition, descriptions of features located in surrounding sites that may have an effect on the subject site regarding sediment transport, surface water runoff, or contaminant transport must be included in

this section. A site plan displaying the locations of all pertinent surface features and structures must be included in the Figures section of the corrective measures evaluation.

6.6.2 Subsurface Conditions

A section on subsurface conditions must describe the site conditions observed during previous subsurface investigations. It must include relevant soil horizon and stratigraphic information, groundwater and vadose zone fluid conditions, fracture data, and subsurface vapor information. A site plan displaying the locations of all borings and excavations advanced during previous investigations must be included in the Figures section of the corrective measures evaluation.

6.7 Potential Receptors

6.7.1 Sources

A section must provide a list of all sources of contamination at the site where corrective measures are to be considered or are required. Sources that are no longer considered to be releasing contaminants at the site, but may be the point of origination for contaminants transported to other locations, must be included in this section.

6.7.2 Pathways

A section must describe potential migration pathways that could result in either acute or chronic exposures to contaminants. It must include such pathways as utility trenches, paleochannels, surface exposures, surface drainages, stratigraphic units, fractures, structures, and other features. The migration pathways for each contaminant and each medium must be tied to the potential receptors for each pathway. A discussion of contaminant characteristics relating to fate and transport of contaminants through each pathway must also be included in this section.

6.7.3 Receptors

A section must provide a listing and description of all anticipated potential receptors that could possibly be affected by the contamination present at the site. Potential receptors must include human and ecological receptors, groundwater, and other potential receptors. This section must identify relevant pathways, such as pathways that could divert or accelerate the transport of contamination to human receptors, ecological receptors, and/or groundwater.

6.8 Regulatory Criteria

A section must set forth the applicable cleanup standards, risk-based screening levels, and risk-based cleanup goals for each medium at the site. The appropriate cleanup levels for each site must be included, if site-specific levels have been established. A table summarizing the applicable cleanup standards must be included as part of the document. Alternately, the report may include applicable cleanup standards as a column in the data tables. If cleanup levels calculated in a risk evaluation are employed, the risk evaluation document must be referenced including pertinent page numbers for referenced information.

6.9 Identification of Corrective Measures Options

A section must identify and describe potential corrective measures for source, pathway, and receptor controls. Corrective measures options must include the range of available options including, but not limited to, a no action alternative, institutional controls, engineering controls, in-situ and onsite remediation alternatives, complete removal, and any combination of alternatives that would potentially achieve cleanup goals.

6.10 Evaluation of Corrective Measures Options

A section must provide an evaluation of the corrective measures options identified in Section 6.6.9 above. The evaluation must be based on the applicability, technical feasibility, effectiveness, implementability, impacts to human health and the environment, and cost of each option. A table summarizing the corrective measures alternatives and the criteria listed below must be included in the Tables section of this document. The general basis for evaluation of corrective measures options is described below.

6.10.1 Applicability

Applicability addresses the overall suitability for the corrective action option for containment or remediation of the contaminants in the relevant media with regard to protection of human health and the environment.

6.10.2 Technical Feasibility

Technical feasibility describes the uncertainty in designing, constructing, and operating a specific remedial alternative. The description must include an evaluation of historical applications of the remedial alternative including performance, reliability, and minimization of hazards.

6.10.3 Effectiveness

Effectiveness assesses the ability of the corrective measure to mitigate the measured or potential impact of contamination in a medium under the current and projected site conditions. The assessment also must include the anticipated duration for the technology to attain regulatory compliance. In general, all corrective measures described above will have the ability to mitigate the impacts of contamination at the site, but not all remedial options will be equally effective at achieving the desired cleanup goals to the degree and within the same time frame as other options. Each remedy must be evaluated for both short-term and long-term effectiveness.

6.10.4 Implementability

Implementability characterizes the degree of difficulty involved during the installation, construction, and operation of the corrective measure. Operation and maintenance of the alternative must be addressed in this section.

6.10.5 Human Health and Ecological Protectiveness

This category evaluates the short-term (remedy installation-related) and long-term (remedy operation-related) hazards to human health and the environment of implementing the corrective measure. The assessment must include whether the technology will create a hazard or increase existing hazards and the possible methods of hazard reduction.

6.10.6 Cost

A section must discuss the anticipated cost of implementing the corrective measure. The costs must be divided into: 1) capital costs associated with construction, installation, pilot testing, evaluation, permitting, and reporting of the effectiveness of the alternative; and 2) continuing costs associated with operating, maintaining, monitoring, testing, and reporting on the use and effectiveness of the technology.

6.11 Selection of Preferred Corrective Measure

The Permittee must propose the preferred corrective measures at the site and provide a justification for the selection in this section. The proposal must be based upon the ability of the remedial alternative to: 1) achieve cleanup standard objectives in a timely manner; 2) protect human and ecological receptors; 3) control or eliminate the sources of contamination; 4) control migration of released contaminants; and 5) manage remediation waste in accordance with State and Federal regulations. The justification must include the supporting rationale for the remedy selection, based on the factors listed in Permit Section 6.6.10, and a discussion of short- and long-term objectives for the site. The benefits and possible hazards of each potential corrective measure alternative must be included in this section.

6.12 Design Criteria to Meet Cleanup Objectives

The Permittee must present descriptions of the preliminary design for the selected corrective measures in this section. The description must include appropriate preliminary plans and specifications to effectively illustrate the technology and the anticipated implementation of the remedial option at the site. The preliminary design must discuss the design life of the alternative and provide engineering calculations for proposed remediation systems.

6.13 Schedule

A section must set forth a proposed schedule for completion of remedy-related activities such as bench testing, pilot testing, construction, installation, remedial excavation, cap construction, installation of monitoring points, and other remedial actions. The anticipated duration of corrective action operations and the schedule for conducting monitoring and sampling activities must also be presented. In addition, this section must provide a schedule for submittal of reports and data to the NMED, including a schedule for submitting all status reports and preliminary data.

6.14 Tables

A section must present the following summary tables, as appropriate. Data presented in the summary tables must include information on dates of sample collection, analytical methods, detection limits, and significant data quality exceptions. All data tables must include only detected analytes and data quality exceptions that could potentially mask detections. The following summary tables must be included in the corrective measures evaluations, as appropriate:

a. a table summarizing regulatory criteria, background, and the applicable cleanup standards;

b. a table summarizing historical field survey location data;

c. tables summarizing historical field screening and field parameter measurements for each media;

d. tables summarizing historical soil, rock, or sediment laboratory analytical data; the summary tables must include the analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

e. a table summarizing historical groundwater elevation and depth to water data; the table must include the monitoring well depths and the screened intervals in each well;

f. tables summarizing historical groundwater and vadose zone laboratory analytical data; the analytical data tables must include the analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

g. tables summarizing historical surface water laboratory analytical data; the analytical data tables must include the analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

h. tables summarizing historical air sample screening and analytical data; the data tables must include the screening instruments used, laboratory analytical methods, detection limits, and significant data quality exceptions that would influence interpretation of the data;

i. tables summarizing historical pilot or other testing data, if applicable, including units of measurement and types of instruments used to obtain measurements;

j. a table summarizing the corrective measures alternatives and evaluation criteria; and

k. a table presenting the schedule for installation, construction, implementation, and reporting of selected corrective measures.

6.15 Figures

This section must present the following figures for each site, as appropriate. All figures must include a scale. All plan view figures must include a north arrow. An explanation must be provided on each figure for all abbreviations, symbols, acronyms, and qualifiers. All figures must contain a date. The following figures must be included, as applicable:

a. a vicinity map showing topography and the general location of the subject site relative to surrounding features or properties;

b. a unit site plan that presents pertinent site features and structures, underground utilities, well locations, and remediation system locations and details; off-site well locations and other relevant features must be included on the site plan if practical; additional site plans may be required to present the locations of relevant off-site well locations, structures, and features;

c. figures showing historical soil boring locations, excavation locations, and sampling locations;

d. figures presenting historical soil sample field screening and laboratory analytical data, if appropriate;

e. figures showing all existing wells including vapor monitoring wells and piezometers; the figures must present historical groundwater elevation data and indicate groundwater flow directions;

f. figures presenting historical groundwater laboratory analytical data including past data, if applicable; the analytical data corresponding to each sampling location may be presented as individual concentrations, in table form on the figure, or as an isoconcentration map;

g. figures presenting historical surface water sample locations and analytical data including past data, if applicable; the laboratory analytical data corresponding to each sampling location may be presented as individual concentrations or in table form on the figure;

h. figures presenting historical air sampling locations and presenting air quality data; the field screening or laboratory analytical data corresponding to each sampling location may be presented as individual concentrations, in table form on the figure or as an isoconcentration map;

i. figures presenting historical pilot or other test locations and data, where applicable, including site plans or graphic data presentation;

j. figures presenting geologic cross-sections based on outcrop and borehole data, if applicable;

k. figures presenting the locations of existing and proposed remediation systems;

l. figures presenting existing remedial system design and construction details; and

m. figures presenting preliminary design and construction details for preferred corrective measures.

6.16 Appendices

Each corrective measures evaluation must include, as appropriate, as an appendix, the management plan for waste, including investigation derived waste, generated as a result of construction, installation, or operation of remedial systems or activities conducted. Each corrective measures evaluation must include additional appendices presenting relevant additional data, such as pilot or other test or investigation data, remediation system design specifications, system performance data, or cost analyses as necessary.

DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

21 April 2021

Colonel David S. Miller, USAF
Commander
377th Air Base Wing
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

Mr. Kevin M. Pierard
Hazardous Waste Bureau (HWB) Chief
New Mexico Environment Department (NMED)
2905 Rodeo Park Drive East Building 1
Santa Fe NM 87505-6303

Dear Mr. Pierard

On September, 25th 2020 the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) issued an approval with modifications for the Phase I Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Report, requiring submittal of a work plan for the Phase II RFI Report by April 30, 2021. Kirtland AFB respectfully requests an indefinite extension to the Phase II RFI Work Plan for the Bulk Fuels Facility release site (Solid Waste Management Units ST-106 and SS-111) until a mutual agreement is reached on the technical path forward.

Kirtland AFB appreciates the valued working relationship with you and your department. If you have any questions regarding this request, please contact Mr. Sheen Kottkamp at (806) 463-0811 or email sheen.kottkamp.l@us.af.mil.

Sincerely

DAVID S. MILLER, Colonel, USAF
Commander

cc:
NMED Resource Protection Division (Stringer), letter
NMED HWB (Pierard, Andress), letter
NMED GWQB (Hunter), letter
EPA Region 6 (King, Ellinger), letter
SAF-IEE (Lynnes), electronic only
AFCEC/CZ (Clark, Kottkamp, Segura, Wortman), electronic only
USACE-ABQ District Office (Moayyad, Phaneuf, Dreeland, Earthman), electronic only
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ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1
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Phone (505) 476-6000 Fax (505) 476-6030
www.env.nm.gov

Michelle Lujan Grisham
Governor

Howie C. Morales
Lt. Governor

James C. Kenney
Cabinet Secretary

Jennifer J. Pruett
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 20, 2021

Colonel David S. Miller
Base Commander
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117

Lt. Colonel Wayne J. Acosta
Civil Engineer Office
377 Civil engineer Division
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB, NM 87117

RE: APPROVAL – EXTENSION REQUEST
2021 QUARTERLY MONTORING REPORTS
BULK FUELS FACILITY SOLID WASTE MANAGEMENT UNITS ST-106 AND SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO
EPA ID# NM6213820974
KAFB-BFFS-21-002

Dear Colonel Miller and Lt. Colonel Acosta:

The New Mexico Environment Department (NMED) received the Kirtland Air Force Base (Permittee) letter requesting an extension of time for submittal of the 2021 Quarterly Monitoring Reports, dated May 6, 2021. The reports are currently due 90-days after the end of the quarter. The Permittee requests an extension to allow for sufficient time to thoroughly review the Reports and for the contractor to make necessary revisions.

The Permittee is advised to reference NMED's September 2, 2020 *Requirements for All Document Submittals* for document quality review prior to submittal to NMED.

Col. Miller and Lt. Col. Acosta
May 20, 2021
Page 2 of 2

NMED hereby approves the Air Force's request for an extension; the Permittee must submit the 2021 quarterly reports, as follows:

- First Quarter 2021 Monitoring Report - **August 14, 2021**, as requested.
- Second Quarter 2021 Monitoring Report - **November 30, 2021**, as requested.
- Third Quarter 2021 Monitoring Report - **February 14, 2022**, as requested.
- Fourth Quarter 2021 and Annual 2021 Monitoring Report - **May 31, 2022**, as requested.

If you have any questions, please contact me at (505) 629-6494.

Sincerely,

Kevin Pierard

Digitally signed by Kevin Pierard
Date: 2021.05.20 12:06:36 -06'00'

Kevin M. Pierard, Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
B. Wear, NMED HWB
M. Suzuki, NMED HWB
L. Andress, NMED HWB
S. Kottkamp, KAFB
K. Lynnes, KAFB
C. Cash, KAFB
D. Agnew, ABCWUA
A. Tafoya, VA

File: KAFB 2021 Bulk Fuels Facility Spill and Reading

DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

6 May 2021

Colonel David S. Miller, USAF
Commander
377th Air Base Wing
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

Mr. Kevin M. Pierard
Hazardous Waste Bureau (HWB) Chief
New Mexico Environment Department (NMED)
2905 Rodeo Park Drive East Building 1
Santa Fe NM 87505-6303

Dear Mr. Pierard

Kirtland Air Force Base (AFB) respectfully requests an extension for the submittal of the Bulk Fuels Facility Solid Waste Management Units (SWMUs) ST-106/SS-111 Quarterly Monitoring Reports. Currently the quarterly monitoring reports are submitted to the New Mexico Environmental Department Hazardous Waste Bureau (NMED-HWB) 90 days after the end of the quarter, in accordance with the *Bulk Fuels Facility Expansion of the Dissolved-Phase Plume Groundwater Treatment System Design, Revision 2 SWMUs St-106/SS-111 Kirtland Air Force Base, New Mexico*, which was conditionally approved by NMED-HWB on May 31st 2017. The current reporting schedule does not allow sufficient time for a thorough review by the Air Force and for the contractor to make any necessary revisions. We believe this additional time will result in improved document quality.

The Air Force respectfully requests a 45-day extension on the first quarter (Q1) and third quarter (Q3) Monitoring Reports and a 60-day extension on the second quarter (Q2) and fourth quarter (Q4) Monitoring Reports. These extensions would allow the Air Force sufficient time to produce a document with a higher level of quality and ensure that NMED-HWB's concerns expressed in the July 11, 2020 letter, RE: *Quarterly Monitoring Report For April-June 2019 Bulk Fuels Facility SWMUs St-106/SS-111 Kirtland Air Force Base, New Mexico*, are routinely incorporated into future monitoring reports. In addition, the Air Force is experiencing staff turnover with our legal reviewer and losing the highly qualified expert position. The new legal staff will require additional time for reviews as they become more familiar with the project and the loss of the highly qualified expert will require additional time for all reviewers to ensure the highest level of report quality.

The Q2 and Q4 monitoring reports contain a larger data set because soil vapor and certain groundwater wells are sampled semi-annual. The reports also include a modeling component of groundwater plumes and the Q4 report contains an annual update that evaluates data collected during the previous four quarters. The 60-day extension will allow sufficient time to include these additional elements within the Q2 and Q4 monitoring report.

Upon NMED-HWB approval of the proposed extension, the Q1 and Q3 Monitoring Reports would be submitted no later than August 14th and February 14th, respectively. The Q2 and Q4 Monitoring Reports would be submitted no later than November 30th and May 31st, respectively. Kirtland AFB appreciates

your department's consideration of this extension request. If you have any questions regarding this request, please contact Mr. Sheen Kottkamp at (806)463-0811 or email sheen.kottkamp.1@us.af.mil.

Sincerely

DAVID S. MILLER, Colonel, USAF
Commander

cc:
NMED Resource Protection Division (Stringer), electronic only
NMED HWB (Pierard, Andress), two letters and CDs
NMED GWQB (Hunter), letter and CD
EPA Region 6 (King, Ellinger), letter and CD
SAF-IEE (Lynnes), electronic only
AFCEC/CZ (Clark, Kottkamp, Segura, Wortman), electronic only
USACE-ABQ District Office (Moayyad, Phaneuf, Dreeland, Kunkel, Lovato), electronic only
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Governor

Howie C. Morales
Lt. Governor

James C. Kenney
Cabinet Secretary

Jennifer J. Pruett
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 20, 2021

Colonel David S. Miller
Base Commander
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117

Lt. Colonel Wayne J. Acosta
Civil Engineer Office
377 Civil engineer Division
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB, NM 87117

RE: APPROVAL – EXTENSION REQUEST
2021 QUARTERLY MONTORING REPORTS
BULK FUELS FACILITY SOLID WASTE MANAGEMENT UNITS ST-106 AND SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO
EPA ID# NM6213820974
KAFB-BFFS-21-002

Dear Colonel Miller and Lt. Colonel Acosta:

The New Mexico Environment Department (NMED) received the Kirtland Air Force Base (Permittee) letter requesting an extension of time for submittal of the 2021 Quarterly Monitoring Reports, dated May 6, 2021. The reports are currently due 90-days after the end of the quarter. The Permittee requests an extension to allow for sufficient time to thoroughly review the Reports and for the contractor to make necessary revisions.

The Permittee is advised to reference NMED's September 2, 2020 *Requirements for All Document Submittals* for document quality review prior to submittal to NMED.

Col. Miller and Lt. Col. Acosta
May 20, 2021
Page 2 of 2

NMED hereby approves the Air Force's request for an extension; the Permittee must submit the 2021 quarterly reports, as follows:

- First Quarter 2021 Monitoring Report - **August 14, 2021**, as requested.
- Second Quarter 2021 Monitoring Report - **November 30, 2021**, as requested.
- Third Quarter 2021 Monitoring Report - **February 14, 2022**, as requested.
- Fourth Quarter 2021 and Annual 2021 Monitoring Report - **May 31, 2022**, as requested.

If you have any questions, please contact me at (505) 629-6494.

Sincerely,

Kevin Pierard

Digitally signed by Kevin Pierard
Date: 2021.05.20 12:06:36 -06'00'

Kevin M. Pierard, Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
B. Wear, NMED HWB
M. Suzuki, NMED HWB
L. Andress, NMED HWB
S. Kottkamp, KAFB
K. Lynnes, KAFB
C. Cash, KAFB
D. Agnew, ABCWUA
A. Tafoya, VA

File: KAFB 2021 Bulk Fuels Facility Spill and Reading

DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

6 May 2021

Colonel David S. Miller, USAF
Commander
377th Air Base Wing
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

Mr. Kevin M. Pierard
Hazardous Waste Bureau (HWB) Chief
New Mexico Environment Department (NMED)
2905 Rodeo Park Drive East Building 1
Santa Fe NM 87505-6303

Dear Mr. Pierard

Kirtland Air Force Base (AFB) respectfully requests an additional 120-day extension for the submittal of the Data Gap Monitoring Well Investigation Report, Bulk Fuels Facility Solid Waste Management Units (SWMUs) ST-106/SS-111. Currently, this investigation report is to be submitted to the New Mexico Environmental Department Hazardous Waste Bureau (NMED-HWB) by June 15, 2021 in accordance with the *Approval with Modifications Work Plan for Data Gap Monitoring Well Installation KAFB-106248 to KAFB-106252 Bulk Fuels Facility 2 SWMUs St-106/SS-111 Kirtland Air Force Base, New Mexico*, sent by NMED-HWB on July 14th, 2020.

The Air Force experienced delays during the field work activities associated with this investigation report. Weather conditions caused delays in the initial mobilization of the drilling equipment and resulted in multiple stand downs due to high wind creating unsafe conditions for the towered drill rig. In addition, the alternating dense clays and gravels caused delays related to equipment maintenance and one boring was abandoned and replaced due to drilling equipment failure. This extension will allow the Air Force sufficient time to produce a quality investigation report.

Upon NMED-HWB approval of the proposed extension, the Data Gap Monitoring Well Investigation Report would be submitted no later than October 13th 2021. Kirtland AFB appreciates the department's consideration of this extension request. If you have any questions regarding this request, please contact Mr. Sheen Kottkamp at (806)463-0811 or email sheen.kottkamp.1@us.af.mil.

Sincerely

DAVID S. MILLER, Colonel, USAF
Commander

cc:
NMED Resource Protection Division (Stringer), electronic only
NMED HWB (Pierard, Andress), two letters and CDs
NMED GWQB (Hunter), letter and CD
EPA Region 6 (King, Ellinger), letter and CD
SAF-IEE (Lynnes), electronic only
AFCEC/CZ (Clark, Kottkamp, Segura, Wortman), electronic only
USACE-ABQ District Office (Moayyad, Phaneuf, Dreeland, Kunkel, Lovato), electronic only
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ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6313
Phone (505) 476-6000 Fax (505) 476-6030
www.env.nm.gov

Michelle Lujan Grisham
Governor

Howie C. Morales
Lt. Governor

James C. Kenney
Cabinet Secretary

Jennifer J. Pruett
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 24, 2021

Colonel David S. Miller
Base Commander
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117

Lt. Colonel Wayne J. Acosta
Civil Engineer Office
377 Civil engineer Division
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB, NM 87117

RE: APPROVAL – REQUEST FOR EXTENSION TO SUBMIT THE DATA GAP MONITORING WELL INSTALLATION-INVESTIGATION REPORT FOR WELLS KAFB-106248 to KAFB-106252
BULK FUELS FACILITY SOLID WASTE MANAGEMENT UNITS ST-106 AND SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO
EPA ID# NM6213820974
HWB-KAFB-19-015

Dear Colonel Miller and Lt. Colonel Acosta:

The New Mexico Environment Department (NMED) received the Kirtland Air Force Base (Permittee) letter requesting an extension of time to submit the *Data Gap Monitoring Well Installation-Investigation Report for wells KAFB-106248 to KAFB-106252* (Report), dated May 6, 2021. The Report iss required by the July 9, 2020 Approval with Modifications for the *Work Plan for Data Gap Monitoring Well Installation KAFB-106248 to KAFB-106252*. The Permittee requests an extension of time for submittal of the Report due to delays in completing field work due to inclement weather, drilling equipment failure, and equipment maintenance. NMED hereby approves the Permittee's request for an extension; the Report must be submitted to NMED for review no later than **October 12, 2021**, as requested.

If you have any questions, please contact me at (505) 476-6035.

Sincerely,

Kevin Pierard

Digitally signed by Kevin Pierard
Date: 2021.05.24 09:38:09 -06'00'

Kevin M. Pierard, Chief
Hazardous Waste Bureau

cc: B. Wear, NMED HWB
L. Andress, NMED HWB
S. Kottkamp, KAFB
K. Lynnes, KAFB
C. Cash, KAFB
D. Agnew, ABCWUA
A. Tafoya, VA

File: KAFB 2021 Bulk Fuels Facility Spill and Reading

DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

MAY - 6 2021

Colonel David S. Miller, USAF
Commander
377th Air Base Wing
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

Mr. Kevin M. Pierard
Hazardous Waste Bureau (HWB) Chief
New Mexico Environment Department (NMED)
2905 Rodeo Park Drive East Building 1
Santa Fe NM 87505-6303

Dear Mr. Pierard

Kirtland Air Force Base (AFB) has completed groundwater monitoring and sampling at nine wells associated with the in situ bioremediation (ISB) pilot test in accordance with the NMED-approved *Revised Final Ethylene Dibromide In Situ Biodegradation Pilot Test Work Plan, Bulk Fuels Facility, Kirtland Air Force Base, New Mexico, December 2016* (ISB Work Plan). During Phase 4 of the pilot test, the treatment zone was monitored for an extended period (January 2019 through October 2020) to continue evaluating performance of the ISB technology, including possible rebound of ethylene dibromide (EDB) concentrations at the nine groundwater monitoring, injection, and extraction wells. A total of five passive groundwater sampling events were conducted during Phase 4, the last of which was conducted in October 2020. Significant rebound of EDB was not observed since Phase 4 passive monitoring began in January 2019.

Based on recent groundwater results and completion of sampling in accordance with the ISB Work Plan, sampling at seven wells associated with the pilot test will cease entirely (KAFB-106MW1-S, KAFB-106MW1-I, KAFB-106MW2-S, KAFB-106MW2-I, KAFB-106EX1, KAFB-106EX2, and KAFB-106IN1) beginning in 2021 as these wells are not used to define the extent of groundwater contamination. Groundwater monitoring will continue at wells KAFB-106063 and KAFB-106064 semi-annually in accordance with the methodology outlined in the most recent NMED-approved Work Plan entitled *Work Plan for Bulk Fuels Facility Expansion of Dissolved-Phase Plume Groundwater Treatment System Design SWMUs ST-106/SS-111 Revision 2, January 2017*. Furthermore, these wells were incorporated into the consolidated groundwater monitoring work plan, *Work Plan for Groundwater Monitoring Bulk Fuels Facility SWMUs ST-106/SS-111*, submitted to NMED on April 27, 2021.

The pilot test has been completed in accordance with the ISB Work Plan. The aboveground components of the groundwater recirculation system and other infrastructure including electrical lines and conveyance piping, will be removed from the pilot test site. All groundwater monitoring, extraction, and injection wells associated with the pilot test will remain in place. The decommissioning of the pilot test equipment will be initiated in 45-days of the date that this letter is received by NMED unless otherwise directed.

If you have any questions regarding this request, please contact Mr. Sheen Kottkamp at (806)463-0811 or email sheen.kottkamp.1@us.af.mil.

Sincerely

DAVID S. MILLER, Colonel, USAF
Commander

cc:
NMED Resource Protection Division (Stringer), electronic only
NMED HWB (Pierard, Andress), two letters and CDs
NMED GWQB (Hunter), letter and CD
EPA Region 6 (King, Ellinger), letter and CD
SAF-IEE (Lynnes), electronic only
AFCEC/CZ (Clark, Kottkamp, Segura, Wortman, Renaghan), electronic only
USACE-ABQ District Office (Moayyad, Phaneuf, Dreeland, Cordova, Kunkel), electronic only
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DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

JUN 2 5 2021

Colonel Jason F. Vattioni, USAF
Commander
377th Air Base Wing
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

Mr. Ricardo Maestas
Acting Hazardous Waste Bureau Chief
New Mexico Environment Department
Harold Runnels Building
1190 St. Francis Drive Suite N2050
Santa Fe NM 87502

Dear Mr. Maestas

A groundwater model is a predictive tool whose utility tends to diminish as sufficient field data are collected. The plume capture model employed by the U.S. Air Force (Air Force) to evaluate the efficacy of the pump and treat interim measure has been supplanted by actual data collected from the robust groundwater monitoring network. As summarized below, the discontinuation of this modeling is supported by the U.S. Environmental Protection Agency's (USEPA's) Guidance, "*A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems, Final Project Report*" (USEPA 660/R-08/003, January 2008) (USEPA Guidance). The Air Force is therefore seeking approval from the New Mexico Environment Department (NMED) to discontinue the semiannual plume capture modeling related to this interim measure.

Background

The November 16, 2017 Notice of Deficiency (NOD) required the Air Force to perform the six-step plume capture analysis in accordance with USEPA Guidance. This NOD, which was issued ahead of the completion of NMED's formal review of the January 20, 2017 "Resource Conservation and Recovery Act Facility Investigation Report" (RFI Phase I), contained direction related to the potential impacts of the rising water table on the Air Force's "*...ability to complete a robust calculation of EDB* [ethylene dibromide] *plume mass and removal*". Specifically, the NOD required the development of a numerical or analytical model to address the impacts of "*...reduced resolution of monitoring data at the water table...*" from the rising water table.

The Air Force began semiannual plume capture modeling to support capture zone analysis and evaluate the performance of the interim measure in second quarter (Q2) 2018. The modeling results are presented in the Q2 and fourth quarter (Q4) periodic monitoring reports for the Bulk Fuels Facility (BFF), Solid Waste Management Units (SWMUs) ST-106/SS-111. Consistent with the iterative approach outlined in the USEPA Guidance, the Air Force has determined that capture is sufficient, modeling no longer adds value to the evaluation of the interim measure and that ongoing routine monitoring is sufficient to evaluate the future progress of the interim measure.

Summary of Six Step Systematic Evaluation of Capture Zones

Capture zone analysis, as detailed in the USEPA Guidance, is the process of evaluating field observations of hydraulic heads and groundwater chemistry to interpret the actual capture zone and then comparing the interpreted capture zone to a "Target Capture Zone" to determine if capture is sufficient. Specific techniques to assess the extent of capture achieved by the extraction wells are provided. Each of these techniques is subject to limitations, and in most cases no single line of evidence will conclusively differentiate between successful and failed capture. Therefore, developing "converging lines of evidence" by applying multiple techniques to evaluate capture increases confidence in the conclusions of the capture zone analysis. The systematic approach detailed in the USEPA Guidance is a six-step iterative process that advises the practitioner to obtain additional field information to address data gaps and ambiguities if present. Along each step of the process, the practitioner evaluates the completeness of the data set and how to address uncertainty. With each iteration, the need for simulated data and dependence on uncertainties is reduced and reliance on actual field monitoring and measurements is increased.

The six steps that are suggested for a systematic capture zone evaluation are: (1) review of available site data, site conceptual model, and remedy objectives; (2) determination of a site-specific target capture zone (TCZ); (3) interpretation of water level data; (4) calculations which may include estimating flow rate, capture zone width, and/or modeling (analytical or numerical) to simulate water levels, in conjunction with particle tracking and/or transport modeling; (5) evaluation of concentration trends, especially at down gradient monitoring wells; and (6) interpretation of actual capture based on the data obtained in the above five steps, comparison of the available data to the TCZ and evaluation of uncertainties and data gaps before the next iteration.

Basis of Request

In quarter four 2016, fifteen months after the first interim measure extraction well became active, the plume volume and mass were estimated at 114.7 million cubic feet and 104 grams, respectively. By the end of Q4 2020, the interim measure had extracted and treated approximately 1.026 billion gallons of groundwater, decreased the EDB plume volume by 89%, and reduced the overall EDB mass by 95%. The Interim Measure Operation Area (IMOA) is the part of the EDB plume that the pump and treat system is targeting and is illustrated on Figure 4-1 from the Q4 2020 Period Monitoring Report (see attached). Monitoring data collected in the IMOA demonstrates that the pump and treat system has successfully collapsed the targeted portion of the EDB plume and is currently containing the isolated EDB detections north of Ridgecrest Drive.

As illustrated on Figure 4-9 from the Q4 2020 Period Monitoring Report (see attached), EDB was not detected in any of the deep monitoring wells site wide. Of the 82 groundwater monitoring wells within the IMOA north of Ridgecrest Drive, 76 wells were either below USEPA maximum contaminant level (MCL) or non-detect. All groundwater monitoring wells that produced a detection above the MCL have down gradient monitoring wells with non-detect values.

Over the past several years of model development, pumping rates and hydraulic parameters have been established and are now well understood, and no further estimation of aquifer parameters are anticipated at present or in the near future. Therefore, based on the information provided above, Step 4 of the six step process will be accomplished in the future by performing simple horizontal analyses related to capture by using the known extraction rates and parameters to calculate the capture zone width. This line of evidence will then be combined with Step 5 using the vast amount of data that has been collected to support trend analysis within the IMOA.

USEPA Guidance points out that capture zone analysis based on concentration trends can be complicated by several factors including: 1) limited chemical concentration data; 2) long time periods (years) to interpret concentration data related to capture; 3) multiple hydrogeological units; and 4) multiple releases. However, a review of each of these factors as they relate to the Kirtland BFF demonstrates that none of the above factors are present. Over the last four years of interim measure operations, the Air Force has collected chemical data and hydraulic monitoring information that spans 16 quarterly sampling events. Based on the

current conceptual site model, the BFF has only one hydrogeological unit that was impacted by fuels resulting from a single release. Therefore, none of the complicating factors identified in the USEPA Guidance exist at the Kirtland AFB BFF site.

USEPA Guidance states that conducting concentration trend analysis at down gradient performance monitoring wells over time may ultimately provide the most solid and compelling line of evidence that successful capture has been achieved. Furthermore, hydraulic and chemical monitoring should be components of capture zone evaluations. As indicated above, each extraction well that is a component of the interim measure is surrounded by an extensive groundwater monitoring well network in the IMOA. The extensive and robust monitoring well network spans three groundwater horizons ensuring continuous monitoring of EDB concentrations both laterally and vertically. Finally, the USEPA Guidance states that capture zone effectiveness is ultimately determined by field monitoring that typically includes some combination of hydraulic head measurements and groundwater sampling and analysis. Based on the information provided above, the Air Force is seeking approval from NMED to discontinue the semiannual modeling efforts related to the interim measure.

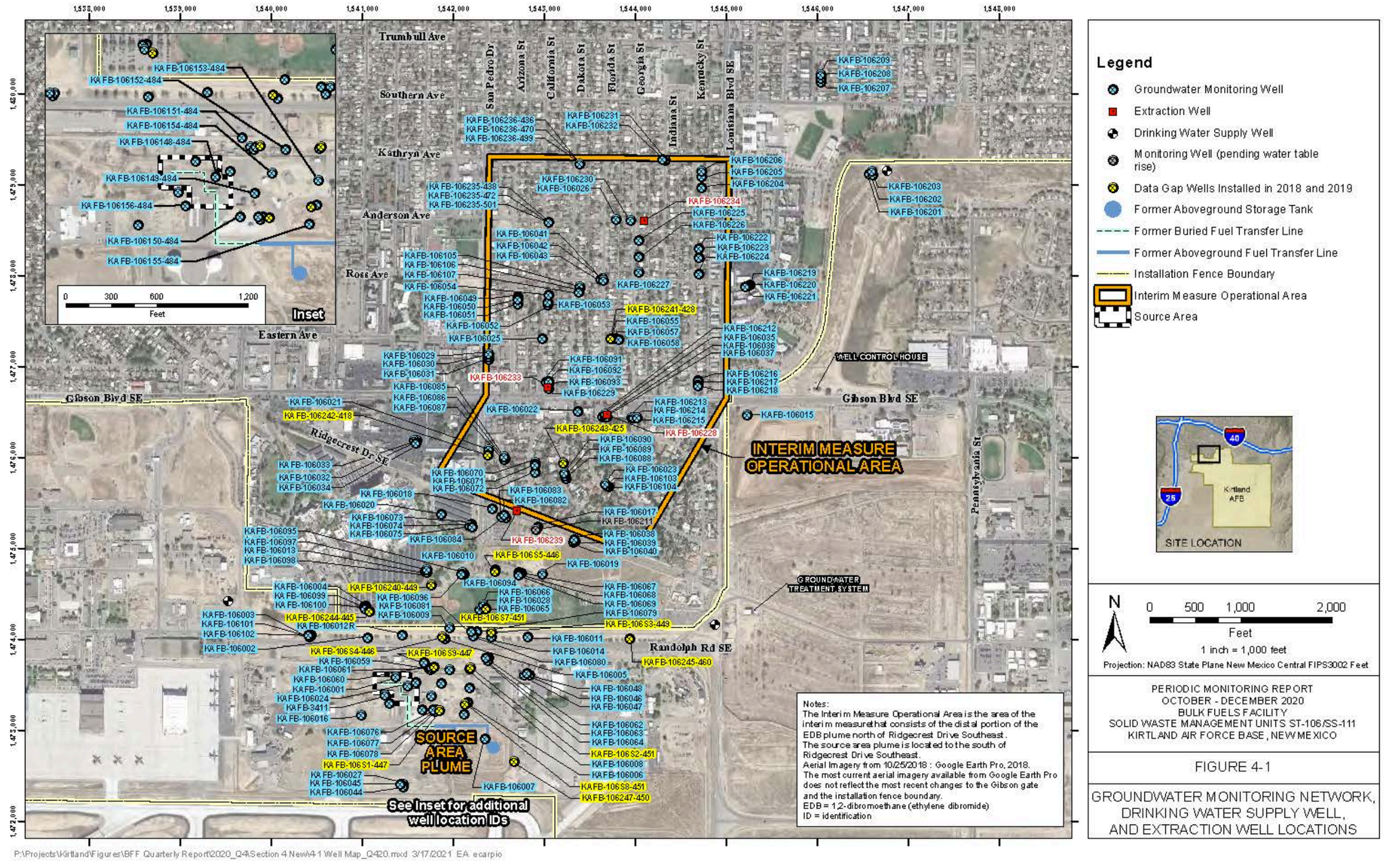
As the Q2 2021 Groundwater Monitoring Report is currently under development, the Air Force would appreciate your prompt attention to this matter. If you have any questions or concerns, please contact Mr. Sheen Kottkamp at commercial line (505) 846-7674 or email sheen.kottkamp.1@us.af.mil.

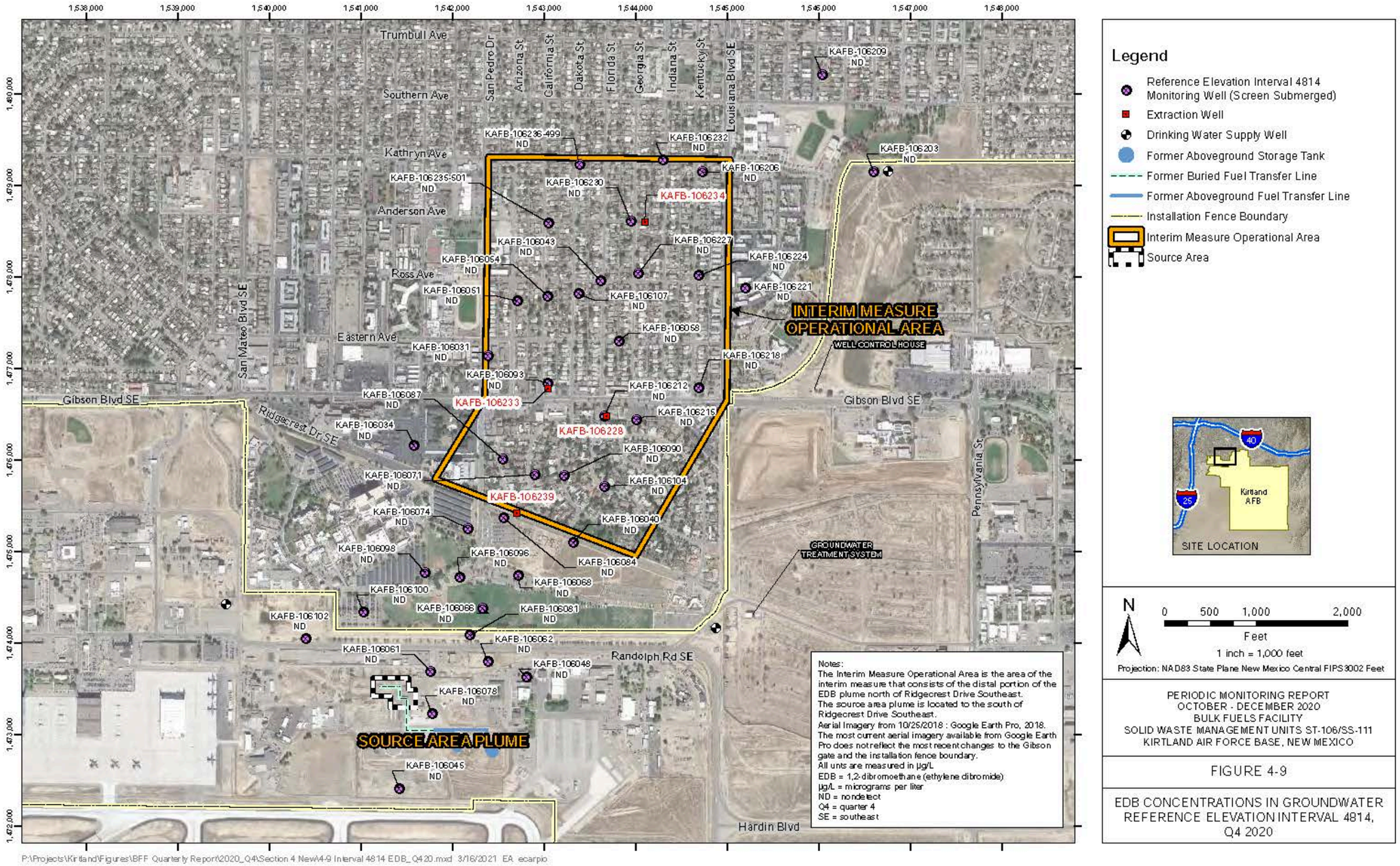
Sincerely

JASON F. VATTIONI, Colonel, USAF
Commander

2 Attachments:
1. Figure 4-1 Groundwater Monitoring Network, Drinking Water Well Supply, and Extraction Well Locations
2. Figure 4-9 EDB Concentrations in Groundwater, Reference Elevation Interval 4814, Q4 2020

cc:
NMED HWB (Maestas, Andress), letter and electronic
NMED RPD (Catechis), electronic only
EPA Region 6 (King, Ellinger), electronic only
SAF/IEE (Lynnes), electronic only
AFCEC/CZ (Banks, Wortman, Segura), electronic only
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KAFB-106S1-447
KAFB-106S2-451
KAFB-106008
KAFB-106006
KAFB-106027
KAFB-106045
KAFB-106044
KAFB-106007
KAFB-106S8-451
KAFB-106247-450
SOURCE AREA PLUME
INTERIM MEASURE OPERATIONAL AREA
WELL CONTROL HOUSE
GROUNDWATER TREATMENT SYSTEM
See Inset for additional well location IDs
KAFB-106203
KAFB-106202
KAFB-106201
Legend
Groundwater Monitoring Well
Extraction Well
Drinking Water Supply Well
Monitoring Well (pending water table rise)
Data Gap Wells Installed in 2018 and 2019
Former Aboveground Storage Tank
Former Buried Fuel Transfer Line
Former Aboveground Fuel Transfer Line
Installation Fence Boundary
Interim Measure Operational Area
Source Area
40
25
Kirtland AFB
SITE LOCATION
N
0 500 1,000 2,000
Feet
1 inch = 1,000 feet
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive Southeast.
The source area plume is located to the south of Ridgecrest Drive Southeast.
Aerial Imagery from 10/25/2018 : Google Earth Pro, 2018.
The most current aerial imagery available from Google Earth Pro does not reflect the most recent changes to the Gibson gate and the installation fence boundary.
EDB = 1,2-dibromoethane (ethylene dibromide)
ID = identification
PERIODIC MONITORING REPORT
OCTOBER - DECEMBER 2020
BULK FUELS FACILITY
SOLID WASTE MANAGEMENT UNITS ST-106/SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO
FIGURE 4-1
GROUNDWATER MONITORING NETWORK, DRINKING WATER SUPPLY WELL, AND EXTRACTION WELL LOCATIONS
P:\Projects\Kirtland\Figures\BFF Quarterly Report\2020_Q4\Section 4 New\4-1 Well Map_Q420.mxd 3/17/2021 EA ecarpio


1,538,000
1,539,000
1,540,000
1,541,000
1,542,000
1,543,000
1,544,000
1,545,000
1,546,000
1,547,000
1,548,000
1,480,000
1,479,000
1,478,000
1,477,000
1,476,000
1,475,000
1,474,000
1,473,000
1,472,000
Trumbull Ave
Southern Ave
Kathryn Ave
Anderson Ave
Ross Ave
Eastern Ave
Gibson Blvd SE
Ridgecrest Dr SE
Randolph Rd SE
Hardin Blvd
San Pedro Dr
Arizona St
California St
Dakota St
Florida St
Georgia St
Indiana St
Kentucky St
Louisiana Blvd SE
San Mateo Blvd SE
Pennsylvania St
KAFB-106209 ND
KAFB-106236-499 ND
KAFB-106232 ND
KAFB-106206 ND
KAFB-106203 ND
KAFB-106235-501 ND
KAFB-106230 ND
KAFB-106234
KAFB-106043 ND
KAFB-106227 ND
KAFB-106224 ND
KAFB-106054 ND
KAFB-106221 ND
KAFB-106051 ND
KAFB-106107 ND
INTERIM MEASURE OPERATIONAL AREA
KAFB-106058 ND
WELL CONTROL HOUSE
KAFB-106031 ND
KAFB-106218 ND
KAFB-106093 ND
KAFB-106212 ND
KAFB-106087 ND
KAFB-106233
KAFB-106215 ND
KAFB-106228
KAFB-106034 ND
KAFB-106090 ND
KAFB-106071 ND
KAFB-106104 ND
KAFB-106239
KAFB-106074 ND
KAFB-106040 ND
KAFB-106098 ND
KAFB-106096 ND
KAFB-106084 ND
KAFB-106068 ND
KAFB-106100 ND
KAFB-106066 ND
KAFB-106081 ND
KAFB-106102 ND
KAFB-106052 ND
KAFB-106061 ND
KAFB-106048 ND
KAFB-106078 ND
SOURCE AREA PLUME
KAFB-106045 ND
GROUNDWATER TREATMENT SYSTEM
Legend
Reference Elevation Interval 4814 Monitoring Well (Screen Submerged)
Extraction Well
Drinking Water Supply Well
Former Aboveground Storage Tank
Former Buried Fuel Transfer Line
Former Aboveground Fuel Transfer Line
Installation Fence Boundary
Interim Measure Operational Area
Source Area
40
25
Kirtland AFB
SITE LOCATION
N
0
500
1,000
2,000
Feet
1 inch = 1,000 feet
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet
Notes:
The Interim Measure Operational Area is the area of the interim measure that consists of the distal portion of the EDB plume north of Ridgecrest Drive Southeast.
The source area plume is located to the south of Ridgecrest Drive Southeast.
Aerial Imagery from 10/25/2018 : Google Earth Pro, 2018.
The most current aerial imagery available from Google Earth Pro does not reflect the most recent changes to the Gibson gate and the installation fence boundary.
All units are measured in µg/L
EDB = 1,2-dibromoethane (ethylene dibromide)
µg/L = micrograms per liter
ND = nondetect
Q4 = quarter 4
SE = southeast
PERIODIC MONITORING REPORT
OCTOBER - DECEMBER 2020
BULK FUELS FACILITY
SOLID WASTE MANAGEMENT UNITS ST-106/SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO
FIGURE 4-9
EDB CONCENTRATIONS IN GROUNDWATER
REFERENCE ELEVATION INTERVAL 4814,
Q4 2020
P:\Projects\Kirtland\Figures\BFF Quarterly Report\2020_Q4\Section 4 New\4-9 Interval 4814 EDB_Q420.mxd 3/16/2021 EA ecarpio

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June 29, 2021 at 8:05 am
SANTA FE, NM 87507

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Product Information

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Tracking Number: 70201810000226472055

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NM 87505.

Delivered, Left with Individual

June 29, 2021 at 1:03 pm
SANTA FE, NM 87505

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FAQs

Feedback

APPENDIX A-2

Response to Regulatory Comments

Common Comment and Response Worksheet (Version 3)				
Date	**Reviewer**		**Document Title (version)**	**Contract/TO Number**
7/11/2020[a]	**NMED HWB**		**Quarterly Monitoring Report for April-June 2019 Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111 Kirtland Air Force Base, New Mexico**	**NMED Permit No. NM9570024423**
Item	**Section**	**Page**	**Comment**	**Response**
1	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **a.** The response to NMED's comments must be included as Appendix A of each document revision.	The response to New Mexico Environment Department's (NMED's) comments are included as Appendix A-2 beginning with the Quarter 2 (Q2) 2020 Quarterly Report and going forward.
2	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **b.** All field methods for the project must be documented in an appendix, as required by Permit Section 6.2.4.4.11. The documentation must be specific to each monitoring activity, such as soil vapor monitoring, groundwater monitoring, or operation and maintenance of the groundwater treatment system. References to quality assurance project plans (QAPPs), standard operating procedures (SOPs), or work plans are not acceptable. All deviations from approved work plans must be discussed and explained in a Deviations section.	Field methods for the project are included as Appendix B-1 beginning with the Quarter 3 (Q3) 2020 Quarterly Report and going forward. References to QAPPs and SOPs were not included in the field methods appendix. Deviations are discussed in the main text.
3	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **c.** Wells must be consistently referred to by the same name/designation in all periodic reports, sections of the text, tables, and figures. The designations must match those provided in the digital analytical data files.	Wells are referred to consistently throughout this document. A table listing any historical changes to well designations that can be used for cross reference purposes is provided as Appendix B-2 beginning with the Q3 2020 Quarterly Report and going forward.
4	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **d.** Sampling data tables must include the practical quantitation limit (PQL) and listed laboratory report detection limit (RDL) for each analysis.	In accordance with Department of Defense (DoD) quality management policy, the laboratory is required to use specific DoD Quality Systems Manual (QSM) reporting limit nomenclature when reporting data. However, the DoD nomenclature is comparable to U. S. Environmental Protection Agency (EPA) method reporting nomenclature. To clarify, beginning with the Q2 2020 Report and going forward, an analytical data Excel flat file is being provided in an appendix with each sample matrix type to include the PQL (limit of quantification [LOQ] per DoD), RDL (limit of detection [LOD] per DoD) and method detection limit (MDL) (detection limit [DL] per DoD). See response to Comment 8 below.
5	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **e.** Sampling data tables must include the appropriate screening levels for data comparison.	Sampling data tables will include the relevant appropriate screening levels. As discussed in Section 2, soil vapor results were compared to vapor intrusion screening levels (VISLs) at the 25-foot depth interval. Soil vapor data tables listing results for deeper soil vapor monitoring points (SVMPs) are not compared to VISLs.
6	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **f.** Analytical data tables in digital format must include a column that indicates which analytical data report the specific sample information can be found. This link must correspond to the analytical data report file name.	Analytical data flat files in Excel are being provided in the appendices (see response to Comment 8 below) and include a column which identifies the analytical laboratory data report file name where the specific sample information can be located.
7	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **g.** Data quality exceptions, such as when the PQL exceeds the corresponding screening level, must be identified as such in all tables and figures (see Permit Section 6.5.18).	Exceedances of the PQL are provided in the sortable, searchable Excel tables provided as appendices in the Q2 2020 Report and future reports (see response to Comment 8 below). Beginning in the Q3 2020 Report, a discussion and table of PQL exceedances above the corresponding screening level where the analytical result is estimated (J-flagged) are included in the Data Quality Evaluation Report appendices to the report. The exceptions will also be noted on figures beginning in the Q3 2020 Report.
8	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **h.** Analytical data provided in digital format such as Microsoft Excel or Access files must be provided in a sortable, searchable format. Previous reports have provided digital data in the same format as the printed tables. These tables are not sortable or searchable. Provide the tables in a standard database format.	Beginning in the Q2 2020 Report and going forward, analytical data tables provided as appendices will be provided in the sortable, searchable Excel standard database format. The tables being provided can be found in appendices titled: • Soil Vapor Analytical Data (Q2 and Q4 Reports only) • Groundwater Analytical Data • Drinking Water Supply Well Analytical Data • Groundwater Treatment System Performance Analytical Data

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7/11/2020[a]	**NMED HWB**		**Quarterly Monitoring Report for April-June 2019 Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111 Kirtland Air Force Base, New Mexico**	**NMED Permit No. NM9570024423**
Item	**Section**	**Page**	**Comment**	**Response**
9	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **i.** Analytical data packages must be submitted in accordance with KAFB Permit Section 6.5.18.2, Laboratory Deliverables.	Beginning in the Q3 2020 Report and going forward, EPA Level II data packages will be provided with the report, and EPA Levels III and IV will be maintained and available to NMED upon request in accordance with Resource Conservation and Recovery Act (RCRA) Permit Section 6.5.18.2 (see response to Item 20 below).
10	General Comments	1	**1. Monitoring Report Contents** **NMED Comment:** Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable**:** **j.** All tables, figures, and appendices must be appropriately numbered and titled.	Tables, figures, and appendices will be appropriately numbered and titled in this document. Headers and footers with appropriate page numbering and titles will be applied to all figures, tables, and appendices.
11	General Comments	1	**1. Monitoring Report Contents** **NMED Comment**: Based on the issues identified in this report and other periodic reports, NMED is providing the following reporting requirements which the Permittee must incorporate into future reports. Permittee is required to include the following as applicable: **k.** Every page of every submittal, including all pages within all sections and appendices, must be numbered either sequentially or in some other format acceptable to NMED.	See Comment 10 above.
12	General Comments	2	**2. Analytical Data Detection and Quantitation Limits** **NMED Comment:** (Paragraph 1) Many of the analytical data tables presented in the Report list the limit of detection (LOD) for each sample analysis, however, it is not clear if this value represents the laboratory method detection limit or reporting detection limit. Some tables list the LOD and some the limit of quantification (LOQ). The permittee must provide the method detection limit (MDL) in the data tables. In addition, the Permittee must include the reporting detection limit (assuming this is the Permittee's "LOD") and the PQL (assuming this is the Permittee's "LOQ") for each sample analyzed in the data tables.	As noted in Comment 4 above, the required laboratory reporting is per DoD QSM reporting requirements. For clarification, the DoD DL is equivalent to the EPA MDL, the DoD LOD is equivalent to the EPA RDL, and the DoD LOQ is equivalent to the EPA PQL. To further clarify this, we have included an analytical data Excel flat file in an appendix with each sample matrix type to show the specific PQL, RDL, and MDL for each sample analyte.
13	General Comments	2	**2. Analytical Data Detection and Quantitation Limits** **NMED Comment:** (Paragraphs 2 and 3) The Permittee's Quality Assurance Project Plans (QAPPs) indicate that the Permittee is using three different variations of terminology for method reporting limits, including one which seems to be backwards. The Permittee's QAPP for Vadose Zone Treatability Studies Attachment 1, Tables 1-1a, Method Reporting Limits – Drinking Water, 1-1b, Method Report Limits – Soil and Investigation Derived Waste, and 1-1c, Method Reporting Limits – Volatile Organic Compounds in Air, all seeming use the LOQ appropriately (as the PQL), but there is a lack of consistency between the method detection limit and reporting detection limit. In Table 1-1a, Drinking Water, "MDL" appears to equate to the method detection limit, and "LOD" appears to equate to the reporting detection limit. In Table 1-1b, Soil, "LOD" appears to equate to the method detection limit and "DL" appears to equate to the reporting detection limit. Based on the fact that the PQL must be greater than the reporting detection limit and the reporting detection limit must be greater than the method detection limit, Table 1-1b, Soil, appears to be wrong. NMED is assuming that similar tables appear in the QAPP for quarterly monitoring.	The Vadose Zone Treatability QAPP includes method reporting limit tables for TestAmerica, Inc. Laboratories for drinking water, soil coring and investigation-derived waste, and soil vapor. It appears on the reporting limit table 1-1b, Soil, the values in the LOD and DL columns were inadvertently switched. It is correct that the LOQ/PQL is greater than the LOD/RDL, which is greater than the DL/MDL. The reporting limit tables in the QAPP for the Dissolved-Phase Plume and Groundwater Treatment System Design (quarterly groundwater monitoring), Attachment 1 (Eurofins Lancaster Laboratories) are confirmed to be correct.
14	General Comments	2	**2. Analytical Data Detection and Quantitation Limits** **NMED Comment:** (Paragraph 4) These issues [items 12 and 13 above] cause confusion for the reviewer, community stakeholders, and the public, and increases the time required to review submittals from the Permittee. The Permittee must use appropriate and consistent terms for Quality Assurance/Quality Control in all periodic reporting submittals and for all media (e.g., use MDL consistently instead of DL). While NMED does not review or approve QAPPs, the Permittee must assure that they are providing their contractors with the appropriate information to provide appropriate, consistent, and accurate information to NMED. Consistency in reporting by the Permittee will reduce both agency and Air Force internal review times.	See Comment 12 and 13 above.

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Item	**Section**	**Page**	**Comment**	**Response**
15	Specific Comments	2/3	**3. Table of Contents, Appendix B, page iv:** **NMED Comment:** Appendix B, New Activities Supporting Information, contains well completion reports for four new wells installed and developed in accordance with the NMED-approved 2017 Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling. KAFB Permit Section 6.2.2.1.2, Site Investigations – Investigation Reports, and Section 6.2.4.3, Reporting Requirements – Investigation Reports, require that the information and data collected from all investigation activities conducted during the quarter be submitted to NMED as separate, stand-alone reports. The Permittee must submit individual reports for all investigation activities conducted in support of the ongoing investigation of the Bulk Fuels Facility spill, rather than submit the information as appendices in quarterly reports.	The information and data collected from investigation activities, such as well completion reports, will be provided as stand-alone reports or as otherwise required by NMED and will not be provided as appendices to quarterly reports.
16	Specific Comments	3	**4. Section 2.5 Q2 2019 Soil Vapor Data, page 2-4:** **Permittee Statement:** "The RCRA permit does not specify cleanup levels for soil vapor. The quarterly reports are not intended to assess risk; the vapor data are used to assess concentration trends. The risk assessment (USACE, 2017e) compares vapor concentrations to the vapor intrusion screening levels in the NMED Risk Assessment Guidance for Site Investigations and Remediation. All EDB and benzene concentrations are compared against 3,800 and 3,200 micrograms per cubic meter (µg/m3), respectively. HC concentrations are compared against 1,000 parts per million by volume (ppmv). The comparison concentrations used in this report were determined by historical maximum and minimum soil vapor results to show which SVMPs had relatively high or low concentrations." **NMED Comment:** The Permittee must clarify if the comparison values for EDB, benzene, and HC represent the historical maximum or minimum, or some other calculated value so that changes relative to the values can be evaluated. The Permittee must also provide a reference for the historical soil vapor values. The Permittee accurately states that quarterly reports are not intended to assess risk; however, the Permittee must provide a comparison of detected concentrations to a regulatory standard for the purpose of assessing the presence and location of contaminants of concern. NMED's Risk Assessment Guidance for Site Investigations and Remediation (2019 and as updated) vapor intrusion screening levels (VISLs) must be used a first-tier screening assessment.	In the Q2 2020 Report, language was revised to clarify that the comparison values were set based on a qualitative analysis of soil vapor data in Q2 2016 to help the reader distinguish areas of relatively high or low soil vapor concentrations (Section 2.3). They were not intended to be screening levels, rather their purpose is as a helpful tool for the reader to evaluate trends. Comparison levels were removed from the report beginning in Q4 2020. Beginning in Q4 2020, NMED's Risk Assessment Guidance for Site Investigations and Remediation (2019 and as updated) VISLs were used as a first-tier screening assessment. NMED VISLs were calculated utilizing EPA default attenuation factors that are based on conservative assumptions and empirical data. VISLs are intended to be screened against soil vapor samples collected from below building foundations (sub slab samples). However, the shallowest SVMPs at SWMUs ST-106/SS-111 are screened from 15 to 25 feet (ft) below ground surface. Therefore, using NMED VISLs as a first-tier screening level for soil vapor concentrations at the 25-ft horizon provides a conservative estimate. NMED VISLs are not appropriate screening levels for deeper SVMPs. Kirtland AFB is currently in coordination with USACE-Albuquerque District to determine the most appropriate screening criteria for evaluating soil vapor at depth at the Kirtland Bulk Fuels Facility. Pending resolution, data will be screened in the manner indicated above in future reports. Table 3-6 includes the results of screening the 25-ft horizon against residential soil gas VISLs. This screening is for comparison purposes only and should not be considered an evaluation of exposure or risk.
17	Specific Comments	3	**5. Section 2.2. Bioventing Pilot Test, page 2-2** **Permittee Statement:** "A bioventing report will be submitted on January 31, 2020 as requested by NMED in a letter dated February 25, 2019 (NMED, 2019). This report will include data collected up to Q4 2019. Data collected after Q4 2019 will be provided in the relevant quarterly monitoring reports. The Q4 2020 Quarterly and Annual Monitoring Report will include results to date, and the final results of the bioventing pilot test will be provided in the Q4 2021 Quarterly and Annual Monitoring Report." **NMED Comment:** Bioventing pilot test data is collected each quarter; therefore, the Permittee must provide quarterly data updates in separate quarterly status reports specific to the bioventing pilot study to allow NMED to provide timely adjustment and inputs to the bioventing system. The final results of the bioventing pilot test must be submitted as a stand-alone document rather than as an appendix to the Q4 2021 Quarterly and Annual Monitoring Report.	Future bioventing reports will be removed from quarterly reports. The final results of the bioventing pilot test will be submitted as a stand-alone document.

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7/11/2020[a]	**NMED HWB**		**Quarterly Monitoring Report for April-June 2019 Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111 Kirtland Air Force Base, New Mexico**	**NMED Permit No. NM9570024423**
Item	**Section**	**Page**	**Comment**	**Response**
18	Specific Comments	3	**6. Section 3.3.1 Sampling Deviations, page 3-3** **Permittee Statement:** "Groundwater samples were not obtained from seven wells in Q2 2019. Three wells (KAFB-106001, KAFB-106008, and KAFB-106079) could not be sampled due to suspected biofouling. These wells will be sampled using passive sampling techniques in the future after well rehabilitation is evaluated." **NMED Comment:** The Permittee must provide additional information in a subsequent quarterly report on suspected biofouling of wells KAFB-106001, KAFB-106008, and KAFB-106079, such as evidence for biofouling, the source of biofouling, and the date when biofouling was first suspected. Well KAFB-106079 is less than 1000 ft from interim measure extraction well KAFB-106239. Provide information on the potential for suspected biofouling at KAFB-106079 to impact KAFB-106239 and the Groundwater Treatment System. The Permittee must also submit a work plan for evaluating and conducting rehabilitation of the three wells. Use of passive sampling techniques for wells KAFB-106001 and KAFB-106079 is contingent upon NMED approval. Because LNAPL was previously detected in well KAFB-106008, use of passive sampling is not appropriate.	The following additional information on suspected biofouling of wells KAFB-106001, KAFB-106008, and KAFB-106079, along with a discussion of the potential for biofouling at KAFB-106239, is provided only in this response to comments table, as this was not part of Q3 2020 groundwater monitoring activities discussed in the main text of this quarterly report. A similar discussion will be included in future quarterly reports for wells suspected of biofouling during the relevant quarter. During the Q2 2019 groundwater sampling event, the sampling team was unable to purge wells KAFB-106001, KAFB-106008, and KAFB-106079. Sampling was attempted at these three wells on May 1, April 23, and April 26, 2019, respectively. The pumps were removed, and biologic films were observed on the pump screens. The biologic films were thick enough to prevent water from entering the screens. The screens were cleaned, and another attempt to pump was made; however, the biologic material occluded the screens again, preventing water from entering the pump. These wells were disinfected in Q3 2019 in accordance with the approved procedures (see paragraph below), and disinfection was reported in the Q3 2019 Report. These three wells are in areas with historically high benzene, toluene, ethylbenzene, and total xylenes concentrations and anaerobic conditions. As discussed in Section 7 of the Phase I RCRA Facility Investigation Report (Kirtland AFB, 2018, *Phase I RCRA Facility Investigation Report, Bulk Fuels Facility Releases, Solid Waste Management Unit ST-106/SS-111*, prepared by Sundance Consulting, Inc. for Kirtland AFB under USACE-Albuquerque District Contract No. W912PP-16-C-0002. August), concentrations of microbial indicator compounds suggest that microbial degradation is occurring in this area. KAFB-106239 experiences a periodic decrease in pumping rates, which is an indicator of biofouling. When this occurs, it is disinfected in accordance with approved procedures (see paragraph below), and disinfection is discussed in the relevant quarterly report. Standard well disinfection procedures were provided in the Operation and Maintenance Plan (Kirtland AFB. 2016. Operation and Maintenance Plan, Groundwater Treatment System, Bulk Fuels Facility, SWMUs ST-106/SS-111, Kirtland Air Force Base, New Mexico.), which was approved by NMED in a letter dated December 12, 2016 (Correspondence from Kathryn Roberts, Director, Resource Protection Division to Colonel Eric H. Froehlich, Base Commander, Kirtland AFB, New Mexico, and Mr. John Pike, Director, Environmental Management Division, 377 MSG, Kirtland AFB, New Mexico, re: Operation and Maintenance Plan, Groundwater Treatment System, Bulk Fuels Facility Solid Waste Management Units ST-106/SS-111, Kirtland Air Force Base, EPA ID No. NM9570024423, HWB-KAFB-13-MISC.). Disinfection of these wells took place in September 2019 and was reported on in the Q3 2019 Report. Wells KAFB-106001, KAFB-106079, and KAFB-106008 will be sampled using portable pumps in future monitoring quarters until such time as passive sampling is approved by NMED.
19	Specific Comments	4	**7. Section 3.6.1.1 EDB Analytical Results, page 3-5** **Permittee Statement:** "Five EDB exceedances were from wells north of Ridgecrest Drive SE but none were north of Gibson Boulevard SE." **NMED Comment:** Figures 3-5 and 3-6 present EDB concentrations in groundwater for reference elevation 4857 and 4838, respectively. Both figures depict the northern extent of the EDB plume as being north of Gibson Boulevard SE. The Permittee must revise the statement and figures for accuracy if they are included in future periodic reports.	The Permittee statement from the Q2 2019 Report was verified as accurate. While some wells north of Gibson Boulevard SE (Gibson) had EDB detections, there were no EDB exceedances above the EPA MCL of 0.05 micrograms per liter in wells sampled north of Gibson in Q2 2019. Because some of the wells with exceedances were immediately south of Gibson, interpolation of the plume boundary shows the northern boundary extending approximately 100 ft to the north of Gibson. However, no wells located north of Gibson are included within the plume boundary.

[a]The date was incorrectly recorded as 7/11/2019 on the letter.

Date	Reviewer		Document Title (version)	Contract/TO Number
9/2/2020	NMED HWB		**Reporting Requirements for All Document Submittals Kirtland Air Force Base, New Mexico EPA ID # NM6213820974 HWB-KAFB-20-MISC**	**NMED Permit No. NM9570024423**
The following items address comments provided in the September 2, 2020 letter that were not addressed by the July 11, 2020 letter. Comments 3 and 4 did not require edits to Periodic Monitoring Reports. Comments 5, 6, 7, 8a through 8f, 8i through 8k, and 9 were addressed by the July 11, 2020 letter.				
Item	**Section**	**Page**	**Comment**	**Response**
1	Letter	2	**1. Laboratory Deliverables:** Section 6.5.18.2, Laboratory Deliverables, of the KAFB Resource Conservation and Recovery Act (RCRA) Permit (KAFB Permit), states the requirements for analytical laboratory reporting. The section states, "[l]aboratory analytical data packages shall be prepared in accordance with EPA-established Level III or IV analytical support protocols." The final paragraph of the permit section goes on to state, "[t]he Permittee shall present summary tables of these data and Level II QC results to the Department in reports or other documents prepared in accordance with Permit Section 6.2.4. Raw analytical data, including calibration curves, instrument calibration data, data calculation work sheets, and other laboratory supporting data for samples from this project, shall be compiled and kept on file at the Facility for reference. The Permittee shall make all data available to the Department upon request." Therefore, for purposes of reporting, Level II Qc results are necessary. Level III and IV data must be maintained by the Permittee to be made available upon request.	This comment clarifies Comment 9 above. Beginning with the Q3 2020 Report and going forward, Level II rather than Level IV data packages will be provided with the report, and Level III and Level IV will be available upon request.
2	Letter	2	**2. General Guidelines:** NMED has included an attachment titled *General Reporting Guidelines* that provides guidance regarding its expectations of submittals to the Hazardous Waste Bureau. The Permittee must consult the guidance during document preparation.	Section 4 of the *General Reporting Guidelines*, Periodic Monitoring Report, was consulted during the preparation of the Q3 2020 Report, and revisions were made as discussed in Comments 7 and 8 below.
5	Letter	3	**8. Data Tables, Figures, and Appendices** **g.** Data in tables and figures must be presented with a consistent and appropriate number of significant figures.	Significant figures provided are reviewed to ensure they are appropriate to the task and the level of precision attainable by the instruments used.
6	Letter	3	**8. Data Tables, Figures, and Appendices** **h.** All points (wells), structures, infrastructure, roads, etc. depicted on figures must be labeled.	Figures are reviewed to ensure that the relevant wells, structures, infrastructure, roads, etc. are labeled or described in the legend.
7	General Reporting Guidelines	17	**Section 4.11 Tables** The following tables must be included, as applicable: **b**. a table summarizing groundwater and vadose zone fluid elevations, and depths to water data; the table must include the monitoring well depths, casing elevations, the screened intervals in each well, and the dates and times of measurements.	Beginning in Q3 2020, Table 3-2, Groundwater Elevation and Light Non-Aqueous Phase Liquid Thickness, was revised to include well depth, bottom of screen, and measurement times. The other required information, including top of screen, was already present in the table.
8	General Reporting Guidelines	17	**Section 4.11 Tables** The following tables must be included, as applicable: **e.** a table summarizing field measurements of groundwater and vadose zone fluid quality data (including historical water quality data as described above).	A table summarizing field measurements, including historical water quality data, was added to Appendix E-3. In Q2 and Q4 of each year, a table summarizing field measurements from the current sampling event will continue to be provided (Table 3-5 in the Q2 2020 report).

Acronyms:

µg/m^3	micrograms per cubic meter
AFB	Air Force Base
DL	detection limit
DoD	Department of Defense
EDB	1,2-dibromoethane (ethylene dibromide)
EPA	U.S. Environmental Protection Agency
ft	foot/feet
HC	hydrocarbons
HWB	Hazardous Waste Bureau
ID	Identification
LNAPL	light non-aqueous phase liquid
LOD	limit of detection
LOQ	limit of quantitation
MCL	maximum contaminant level
MDL	method detection limit
NMED	New Mexico Environment Department
ppmv	parts per million by volume
PQL	practical quantitation limit
Q1	first quarter
Q2	second quarter
Q3	third quarter
Q4	fourth quarter
QAPP	quality assurance project plan

QSM	Quality Systems Manual
RCRA	Resource Conservation and Recovery Act
RDL	report detection limit
SE	southeast
SOP	standard operating procedure
SVMP	soil vapor monitoring point
SWMU	solid waste management unit
TO	task order
USACE	U.S. Army Corps of Engineers
VISL	vapor intrusion screening level

APPENDIX A-3

Cross-Walk Table Between RCRA Permit Requirements and the Periodic Monitoring Report

The Permit Requirement	Report Location
RCRA Permit No. NM9570024423– Section 6.2.4.4, Periodic Monitoring Reports	
1. Title Page and Signature Block (for the name, title and organization of the preparer and the responsible Facility representative)	Following the cover page.
2. Executive Summary (Abstract)	Abstract provided on Report Documentation Page. Executive Summary provided as pages ES-1 and ES-2.
3. Table of Contents	Pages i through x
4. Introduction	Section 1
5. Scope of Activities	Section 3
6. Regulatory Criteria	Section 2
7. Monitoring Results	Sections 4, 5, 6, and 7
8. Conclusions and Recommendations	Section 10
9. Tables - include explanation for all abbreviations, symbols, acronyms, and qualifiers	Tables section follows the Figures section, with explanations provided for each table. Each table includes notes which provide explanations of the abbreviations, symbols, acronyms, and qualifiers used.
10. Figures (1) - map figures include accurate bar scale and north arrow	Figures section follows the report text. Map figures include accurate bar scales and north arrows.
10. Figures (2) - non-map figures include a bar scale if appropriate	Non-map figures include a bar scale where appropriate.
10. Figures (3) - all figures include an explanation for abbreviations, symbols, acronyms and qualifiers	Figures include explanations and notes for abbreviations, symbols, acronyms, and qualifiers.
11. Appendices (1) - field methods	Appendix B-1.
11. Appendices (2) - boring/test pit logs and well construction diagrams	Not applicable to Q2 2021.
11. Appendices (3) - chemical analytical reports	Soil Vapor Monitoring (SVM): Appendix C-2 Groundwater Monitoring (GWM): Appendix D-2 Drinking Water Supply Wells: Appendix E-2 Groundwater Treatment System (GWTS) Operation and Performance: Appendix F-2
11. Appendices (4) - other appendices as required by NMED	Other appendices required by NMED are provided.
Discharge Permit DP-1839	
Terms and Conditions #17 – 24	Table 2-1 gives the relevant text references where each of these conditions is addressed.
RCRA Permit No. NM9570024423– Section 6.2.4.1, Quarterly Reporting	
1. A description of the work completed and an estimate of the percentage of total planned work completed.	Section 3
2. Summaries of all findings, including summaries of laboratory data.	Provided for each task: SVM: Section 4.2, Tables 4-1 through 4-4; 10-1 GWM: Sections 5.1 through 5.3, Table 5-1 through 5-5; 5-8 Drinking Water Supply Well Monitoring: Section 6.1, Tables 6-1 and 6-2 GWTS Operation and Performance: Section 7.1 through 7.3, Tables 7-1 through 7-7
3. Summaries of all problems or potential problems encountered during the reporting period and actions taken to rectify problems.	Section 9: Deviations
4. Planned work for the next reporting period.	Section 10.7
5. Summaries of contacts pertaining to corrective action with representatives of the local community, public interest groups, or State government during the reporting period.	Regulatory correspondence is provided in Appendix A-1, and response to regulator comments is provided in Appendix A-2
6. Changes in key project personnel during the reporting period.	Not applicable in Q2 2021
7. Summaries of any variances from approved investigation or remediation work plans.	Section 9: Deviations

The Permit Requirement	Report Location
8. Brief summaries of any periodic monitoring reports prepared in accordance with the requirements in Permit Section 6.2.4.4.	Executive Summary Section 1 Section 10

APPENDIX B-1

Field Methods

LIST OF ACRONYMS AND ABBREVIATIONS

%	Percent
AFB	Air Force Base
CFR	Code of Federal Regulations
CO_2	carbon dioxide
DMS	dual membrane sampler
DO	dissolved oxygen
DP	discharge permit
EDB	ethylene dibromide
ft	foot/feet
GWM	groundwater monitoring
GWTS	groundwater treatment system
HC	petroleum hydrocarbons
Horiba	Horiba Mexa-584L
IDW	investigation-derived waste
in. WC	inches of water column
LNAPL	light non-aqueous phase liquid
NMED	New Mexico Environment Department
O_2	oxygen
ORP	oxidation reduction potential
PID	photoionization detector
PPE	personal protective equipment
ppmv	parts per million by volume
psi	pound(s) per square inch
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RCRA Permit	RCRA Hazardous Waste Treatment Facility Operating Permit No. NM9570024423
SVMP	soil vapor monitoring point
VOC	volatile organic compound

B-1.1 FIELD MEASUREMENTS

The field methods described below were followed when performing field operations at the Solid Waste Management Units ST-106/ST-111 at Kirtland Air Force Base (AFB) in Albuquerque, New Mexico.

Work was performed in accordance with the Part 6.5.4 of Resource Conservation and Recovery Act (RCRA) Hazardous Waste Treatment Facility Operating Permit No. NM9570024423 (RCRA Permit) (New Mexico Environment Department [NMED] 2010).

B-1.1.1 Air Quality

Headspace air quality measurements were collected each time a groundwater monitoring (GWM) well was opened to ensure a safe working environment. Headspace was monitored using a photoionization detector (PID) reading total volatile organic compounds (VOCs) in parts per million by volume (ppmv). During use, each PID was calibrated in accordance with the manufacturer's instructions weekly and bump tested daily. The PID was calibrated when the results of the bump test were outside of the accepted range. The PID was used to determine the total VOCs at the top of the well to ensure a safe working environment. If the headspace reading was greater than 5.0 ppmv in the breathing zone, the field team ventilated he well vault.

B-1.1.2 Water Quality

Water quality measurements were collected as part of multiple sampling events including GWM, drinking water production well monitoring, and sampling at the groundwater treatment system (GWTS). Two types of instruments were used: a multiparameter meter and a turbidity meter.

A multiparameter meter was used to measure the following parameters: temperature, dissolved oxygen (DO), specific conductance, pH, and oxidation reduction potential (ORP). Turbidity was measured using a turbidity meter. The multiparameter meter can be used in two manners: either equipped with a flow-through cell or by being submerged in water collected from the flow in a cup. Multiparameter meters were calibrated in accordance with the manufacturer's instructions at the inception of a field sampling event and weekly thereafter. A bump test was performed daily. If the results of the bump test were outside of the accepted range, the instrument was calibrated.

The turbidity meter was calibrated at the beginning of the sampling event and bump tested weekly. If the results of the bump test were outside of the accepted range, the instrument was calibrated. Water was collected in a clear glass jar that was inserted into the instrument for the turbidity measurement.

B-1.2 SYNOPTIC GAUGING

B-1.2.1 OPENING GROUNDWATER MONITORING WELLS

GWM wells were opened during synoptic gauging, groundwater sampling, and in conjunction with other periodic activities as needed (i.e., well rehabilitation). Field teams don Level D personal protective equipment (PPE) prior to opening well vaults. Field teams then removed the bolts and placed the vault lid to the side. In wells without dedicated equipment, the well cap was unscrewed and set to the side. In wells with dedicated equipment, the stopper was removed from the drop pipe and set to the side.

B-1.2.2 GAUGING LIQUID LEVELS

Groundwater and light non-aqueous phase liquid (LNAPL) gauging was conducted in accordance with Part 6.5.17.2 of the RCRA Permit (NMED, 2010) and the approved work plans (Section B-1.1). While the RCRA Permit does not specify technical requirements for LNAPL gauging, the measurements were collected concurrent with groundwater gauging and therefore follow the same procedure. Groundwater and LNAPL gauging was conducted quarterly at each of the wells in the GWM program. Monitoring wells were gauged within a synoptic period of no more than 5 consecutive days (Kirtland AFB, 2017b).

Prior to gauging, the interface probes designated for use were used to measure depths to water in three GWM wells to quantify any measurement difference from a control probe. If a probe consistently measured greater than 0.03 ft different from the control probe, water levels taken using that probe were corrected by the value of the difference. Over a 3-day period, barometric pressure changes at the site can cause water levels in a given well to vary by up to 0.15 ft, even after diurnal variations are taken into account. This was determined by observing the change in water levels due to barometric pressure at three wells during a 7-day background monitoring period prior to aquifer testing at KAFB-106228 (Kirtland AFB, 2016b). Therefore, a measurement difference between probes of up to 0.03 ft, or less than 20 percent (%) of 0.15 ft, was considered negligible as compared to these naturally occurring changes.

The sequence of procedures used when measuring depth to water was as follows:

Step 1. Wells that required barricading for access were identified and the required barricade permits were obtained. As soon as was practicable, gauging was scheduled in conjunction with sampling to minimize disruption of traffic and access for residents.

Step 2. Wells were segregated based on known status of contamination. Wells were gauged with interface probes designated for “clean” or “contaminated” wells. Although interface probes were decontaminated between wells, this approach further minimized the potential for cross-contamination.

Step 3. Samplers donned new sampling gloves at each well before beginning gauging.

Step 4. Operation of measurement equipment was checked aboveground.

Step 5. The exterior of the monitoring well was examined for signs of damage or tampering and observations were recorded on the Monitoring Well Gauging Form.

Step 6. The well cap or outer steel casing lid was unlocked. The interior of the monitoring well was visually examined for signs of damage or tampering and observations were recorded on the Monitoring Well Gauging Form.

Step 7. Immediately upon opening the cap, VOC vapor readings were obtained with a PID at the well head and information was recorded on the Monitoring Well Gauging Form. If concentrations greater than 5 ppmv were detected, the well vault was ventilated.

Step 8. The interface probe was lowered into the GWM well and the depth to LNAPL, if any, was noted along with the depth to groundwater. Measurements were taken from a reference mark located on either the top of the protective casing for wells with aboveground completion or from the top of the vault for wells with flush completion. Measurements were made to the nearest 0.01 ft.

Step 9. Gauging information was recorded on the field form.

Step 10. The time and day of the measurement was recorded on the field form.

Step 11. The interface probe was decontaminated before and after each use to prevent potential cross-contamination of wells.

If a well was found to contain more than 0.02 ft of LNAPL, it was bailed with a disposable bailer prior to sampling. The removed LNAPL was disposed of as hazardous waste at an offsite facility. Bailing was not be performed for wells that were only gauged and not sampled.

B-1.3 GROUNDWATER SAMPLING

Groundwater was sampled in accordance with the requirements in Part 6.5.17.3 of the RCRA Permit (NMED, 2010) and the approved work plans (Section B-1.1). Groundwater samples were collected using either a passive sampling device or low-flow techniques.

Following removal of the passive sampling device or the completion of purging, samples were collected into appropriate clean containers with the relevant preservatives. Sample aliquots that were sent to the laboratory for dissolved metals analysis were filtered in the field immediately after collection through a disposable filter with a 0.45-micron nominal pore size, in accordance with the requirements in Part 6.5.17.5 of the RCRA Permit (NMED, 2010).

B-1.3.1 PASSIVE SAMPLING

GWM wells located north of Ridgecrest Drive SE were approved by NMED to utilize passive sampling technologies (NMED, 2017d) following sampling evaluations that showed comparable analytical results in samples collected using passive and low-flow technologies. In addition, regardless of location, wells less than 4 inches in diameter were sampled using passive technologies as the diameter is too small to accept a low-flow pump. The approval of passive sampling (NMED, 2017d) meets the requirement in Part 6.5.17.4 of the RCRA Permit (NMED, 2010) that states, "The Permittee may submit to the department for approval, a written request for a variance from the described method of well purging for individual wells no later than 90 days prior to scheduled sampling activities."

Because passive sampling is not discussed in the RCRA Permit (NMED, 2010), it was performed in accordance with the methods described in the Work Plan for the Bulk Fuels Facility Expansion of the Dissolved-Phase Plume Groundwater Treatment System Design Revision 2 (Kirtland AFB, 2017b). These methods consisted of:

- Samplers donned new sampling gloves at each well before beginning sampling.
- Deploying passive samplers prior to sampling on a timeline in accordance with manufacturer and analyte-specific requirements to allow for adequate equilibration between the passive sampler and the groundwater. Deployments used dedicated passive deployment equipment, including tethers.
- If the top of water measured was within the screened interval, the midpoint of the uppermost passive sampler was set 2 ft below the water level. If the top of the water was above the screened interval, the midpoint of the topmost passive sampler was set 2 ft below the top of the screened interval.
- Retrieving passive samplers from the wells and collecting the groundwater samples per the manufacturer's specifications. The required sample aliquots were collected from their respective passive samplers. Samples collected for metals analysis using passive methods were filtered directly into proper containers using new, disposable, clean 0.45-micron nominal pore size filters.
- Dedicated deployable equipment was either retained in sealed, non-reactive containers or was stored down well between sampling events.

B-1.3.1.1 Equipment Used

Passive sampling was conducted using dual membrane samplers (DMSs) attached to a tether dedicated to the individual well. Each tether was equipped with a series of rings that the DMSs were attached to beginning at the top of screen depth and continuing every 2.6 ft, with the lowest ring positioned 2.6 ft above the bottom of the screen. Interface probes and PIDs were also used during passive sampling.

B-1.3.1.2 Methods

Deployment

Each DMS was deployed a minimum of 3 weeks prior the planned sampling date. If the screened interval of the well was partially submerged or submerged by less than 5 ft, the depth to water was measured using an interface probe. The number of DMSs deployed in each well was based on the water volume needed for the required samples. Each sampler was filled with deionized water and attached to a ring on the sampler. The DMSs were deployed within the screened interval of each well and below the water table to ensure that they were fully submerged and within the well screen. The tether was secured to the well cap, and the well and well vault were sealed until sampling.

Sampling

As the tether was reeled up, each DMS was removed from the well and the contents were decanted into the required laboratory supplied sample bottles. Sample bottles were immediately placed on ice pending shipping. After sample bottles were filled, any remaining water was transferred into the required storage container and was held in the appropriate investigation-derived waste (IDW) yard pending disposal or analysis, based on the historical analytical results from the GWM well. If it was not redeployed, the dedicated tether was placed in a labeled, protective bag for storage until the next sampling event.

B-1.3.2 LOW-FLOW SAMPLING

Low-flow purging and sampling was conducted in accordance with the requirements of Parts 6.5.17.4 and 6.5.17.5 of the RCRA Permit (NMED, 2010) and approved work plans (Section B-1.1). Low-flow sampling was conducted using either portable or dedicated pumps. If dedicated Bennett pumps fail, they will not be replaced. Instead, the well will be sampled using a portable pump.

Low-flow sampling was conducted in order of clean to increasing contamination based on historical analytical data. When portable low-flow pumps were used, separate pumps were used to sample clean wells versus intermediate or expected hazardous wells in order to decrease the possibility of cross-contamination.

B-1.3.2.1 Instruments and Equipment Used

Low-flow sampling was conducted using either a portable or dedicated Bennett pump. Interface probes, PIDs, multiparameter meters with a flow-through cell attached, and turbidity meters were also used during low-flow sampling. Wells without a dedicated pump were designated, based on historical analytical data, as either clean, intermediate, or expected hazardous. Decontaminated, non-dedicated tubing and portable low-flow pumps were used to sample wells designated as clean, with the sampling assembly decontaminated following use at each well. Dedicated tubing specific to a given well was used for wells designated as intermediate or expected hazardous.

B-1.3.2.2 Methods

Where a portable pump was required, the pump was lowered into the GWM well to a depth of approximately 2 ft below the top of screen for wells where the screened interval was fully submerged. Where the screened interval was partially submerged, the pump intake was placed approximately 2 ft above the bottom of the screen.

Monitoring wells were purged in accordance with the requirements of Part 6.5.17.4 of the RCRA Permit (NMED, 2010) and the approved work plans (Section B-1.1). Groundwater was purged continuously at a flow rate between 0.5 and 1 liter per minute, while field parameters (turbidity, temperature, DO, specific conductivity, pH, and ORP) was measured and recorded every 5 minutes. Purging was considered complete when the groundwater quality parameters stabilized for three consecutive readings. Stability was defined as measurements within 10% of each other for specific conductivity, DO, and temperature; within 0.5 standard units for pH; and turbidity is either below 10 nephelometric turbidity units or measurements within 10% of each other. This was a variance from the RCRA Permit, which stipulates that 75 percent of a well volume be purged from the well prior to sampling. This variance was presented in the Work Plan for the Bulk Fuels Facility Expansion of the Dissolved-Phase Plume Groundwater Treatment System Design (Kirtland AFB, 2017b), which was approved by NMED on May 31, 2017 (NMED, 2017b). The approval meets the requirement in Part 6.5.17.4 of the RCRA Permit (NMED, 2010) that states, "The Permittee may submit to the department for approval, a written request for a variance from the described method of well purging for individual wells no later than 90 days prior to scheduled sampling activities." Purge information and field parameters were recorded on the field forms.

Where a dedicated sampling pump was present, an air compressor and tubing for the purge water was connected to the dedicated equipment. The pump intake was approximately in the middle of the screened interval in wells with dedicated pumps. Note that there are no dedicated pumps in wells with partially submerged screened intervals.

Wells sampled using a portable low-flow system were designated, based on historical analytical data, as either clean, intermediate, or hazardous. Decontaminated non-dedicated tubing and portable low-flow pumps were used to sample wells designated as clean. Dedicated tubing specific to a given well was used for wells designated as intermediate or hazardous. The following procedures applied when sampling wells using a portable low-flow system:

- Samplers donned new sampling gloves at each well before beginning sampling.
- Prior to deployment, the pump and the associated tubing was decontaminated, or dedicated tubing was used.
- An equipment blank was collected from non-dedicated equipment with the frequency specified in Part 6.5.17.6 of the RCRA Permit (NMED, 2010).
- If the top of water measured during the preparation for purging was within the screened interval, the pump intake was set 2 ft below the water table. If the top of the water was above the screened interval, the pump intake was set 2 ft above the bottom of the screened interval.
- The entire sampling assembly was decontaminated following use at each well.

The water sample containers were filled in accordance with the Quality Assurance Project Plan (QAPP). Samples for VOC analysis were collected first. The sample vials were carefully filled to avoid overflow and potential loss of preservative, and gently tapped so entrapment of air was minimized and no head space exists. If bubbles appeared, the vial was refilled or a new vial was used if a sample preservative (e.g., hydrochloric acid) was present.

B-1.4 WATER SUPPLY WELL SAMPLING

Three drinking water supply wells were sampled monthly as part of the ST-106/SS-111 investigation to confirm that they have not been impacted by groundwater contaminants. These wells included ST106-VA2 on Veterans Affairs Medical Center property, KAFB-003, and KAFB-015 on Kirtland AFB property. Well KAFB-016 (also on Kirtland AFB property) was not sampled in May or June as it was down for maintenance.

B-1.4.1 INSTRUMENTS USED

Drinking water sampling was conducted using a multiparameter meter with a sample cup and a turbidity meter.

B-1.4.2 METHODS

Because the wells were actively producing water during sampling, water levels at these wells were not measured prior to sampling. In addition, one well volume was not purged prior to sampling. Sampling at the drinking water supply wells was performed in accordance with the following steps:

Step 1. A water quality instrument(s) was used to collect field readings for DO, pH, ORP, conductivity, turbidity, and temperature during sampling. The multi-parameter instrument was calibrated per the manufacturer's instructions for DO, pH, ORP, conductivity, and turbidity. The readings were recorded in a calibration log.

Step 2. The multi-parameter instrument was decontaminated before use at each water supply well location.

Step 3. A bucket was placed underneath the sample port at the wellhead and the sample port was opened. Any water in the sample port was purged for 30 seconds to ensure removal of potentially accumulated sediment.

Step 4. The sample cups were filled from the sample port for the water quality instruments(s) to take a baseline reading of DO, pH, ORP, conductivity, turbidity, and temperature. These parameters were recorded on the sample collection log.

Step 5. The water sample containers were filled in accordance with requirements of the Quality Assurance Project Plan (QAPP). Samples for VOC analysis were collected first. The sample bottles were carefully filled to avoid overflow and potential loss of preservative, and tapped so entrapment of air was minimized and no head space exists. If bubbles appeared, the vial was refilled or a new vial was used if a sample preservative (e.g., hydrochloric acid) was present.

B-1.5 GROUNDWATER TREATMENT SYSTEM

The GWTS was sampled in accordance with the requirements in the Class V Underground Injection Well Discharge Permit No. 1839 (NMED, 2017b).

B-1.5.1 SAMPLING

B-1.5.1.1 Instruments Used

GWTS sampling was conducted using a multiparameter meter with a flow-through cell and a turbidity meter.

B-1.5.1.2 Methods

Samples were collected from their respective sampling ports by opening the port and discharging process water into the sampling containers. The port was opened in such a way that it did not readily cause entraining of air and subsequent off-gassing of the samples and did not cause loss of sample preservatives from sample containers. Waste containers were placed under sampling ports prior to sampling to ensure capture of all process water. Excess water collected in the waste containers were emptied into the GWTS building sump for treatment. GWTS samples were collected from ports located before the influent skid pumps, between the granular activated carbon vessels, and after the effluent skid pumps. Prior to sampling, the port was flushed for a minimum of 1 minute. Field parameters including temperature, specific conductance, pH, ORP, DO, and turbidity were measured using a multiparameter meter with a flow-through cell and a turbidity meter. Values were recorded on a sample collected log as a snapshot of water quality at the time of sampling.

Field filtering for dissolved metals was performed by affixing a clean piece of poly tubing onto the sampling port. The inline 0.45-micron field filter was attached to the open end of the poly tubing. The port was then be opened so as to condition the poly tubing and filter with process water for approximately 30 seconds. Samples were then collected from the process water flowing through the filter. All process water not collected in the sample container was collected into an appropriate waste container and was discharged to the GWTS building sump for treatment.

After purging was completed, samples were collected and handled in accordance with Part 6.5.5 of the RCRA Permit (NMED, 2010). The required sampling containers were filled and placed on ice pending shipping.

B-1.5.2 EXTRACTION WELL DISINFECTION

B-1.5.2.1 Methods

Extraction wells were not disinfected in the second quarter of 2021. The general procedure for disinfection is discussed below.

If extraction wells are disinfected during a quarter, a pre-disinfection sample will be taken before disinfection occurs. Sodium hypochlorite solution will be added to 500 gallons of water to provide a concentration of at least 50 ppmv free chlorine when added to an extraction well. The extraction well will be shut down, and the diluted sodium hypochlorite solution will be gravity-fed down the well. The extraction well is kept offline for approximately 24 hours. The well is then turned back online and then the water is pumped down through the conveyance line to the GWTS. This water is discharged to an external sump, bypassing the carbon canisters, where any remaining free chlorine in the well water is allowed to evaporate. A post-disinfection sample will be taken after pumping the well free of remaining

free chlorine. Pre- and post-disinfection samples are collected from a sample port in the well vault. Prior to sampling, the pump will run for a minimum of 30 minutes and the sample ports are open for a minimum of 10 seconds to flush any entrained sediment. Samples are analyzed for chlorite, bromate, and perchlorate.

B-1.6 SAMPLE HANDLING, SHIPPING, AND CUSTODY

Sample handling, shipping, and custody requirements were designed to maintain sample integrity from the time a sample is collected until it is received at the analytical laboratory. Samples were handled and shipped in accordance with Part 6.5.5 of the RCRA Permit (NMED, 2010) and approved work plans (Section B-1.1).

B-1.6.1 SAMPLE HANDLING

Samples were handled in accordance with the requirements in Part 6.5.5.1 of the RCRA Permit (NMED, 2010). The procedures below were followed:

- Protective gloves, such as nitrile gloves, were worn while collecting samples. New disposable gloves were worn for each sample.
- Samples were collected in new laboratory-provided glass or plasticware containing the required preservatives for the analytical method.
- Samples were immediately placed on ice where required by the analytical method.
- Sample labels were completed and applied, field documentation was completed, and sample custody was maintained.
- Samples were placed in appropriate protective bags (i.e., bubble bags) to prevent breakage or puncture during shipping.

B-1.6.2 SAMPLE SHIPMENT

Sample packing and shipping was conducted in accordance with the requirements in Part 6.5.5.2 of the RCRA Permit (NMED, 2010). Specific procedures for packaging and shipping of environmental samples are presented below:

- New disposable nitrile gloves were worn when preparing samples for shipping.
- A sample label, completed with indelible ink, was attached to the sample bottle.
- A cooler was used as a shipping container.
- In preparation for shipping samples, the drain plug was taped shut so that no fluids (i.e., melted ice) could drain out of the cooler during shipment. A large plastic bag was used as a liner for the cooler. Packing material (i.e., bubble wrap) was placed in the bottom of the liner and ice was placed at the bottom of the cooler.
- The containers were placed in the lined cooler. Cardboard separators or bubble wrap were placed between the containers at the discretion of the shipper.
- All samples for chemical analysis must be shipped cooled to ≤6 degrees Celsius with ice. All samples required icing before shipment. A temperature blank was included in each shipment of water samples.

- The liner was taped closed, if used, and sufficient packing material was used to prevent sample containers from making contact or rolling around during shipment.

- The chain-of-custody form, including the analytical request form, was placed inside a resealable plastic bag inside of the cooler.

- The cooler was closed and taped shut with packing tape.

- Custody seals were placed on the cooler. Clear tape was placed over the custody seals to help prevent them from being accidentally torn or ripped off.

- The cooler of samples were submitted to the laboratory in an appropriate timeframe based on the hold time and temperature requirements (i.e., shipped via an overnight carrier). A copy of the shipping bill was retained for the field records and sent electronically to the project chemist.

B-1.6.3 SAMPLE CUSTODY

Sample custody was maintained in accordance with the requirements in Part 6.5.5.3 of the RCRA Permit (NMED, 2010). Samples collected for analysis were recorded on field sample collection logs and chain-of-custody forms. Chain-of-custody forms were placed in the cooler or other shipping container. Custody seals were applied to the cooler or other shipping container. Upon receipt of the samples at the laboratory, custody seals were broken, the chain-of-custody forms were signed as received by laboratory personnel, and the conditions of the samples were recorded on the form. Chain-of-custody form copies were returned, which Kirtland AFB maintains.

At a minimum, chain-of-custody forms included the following:

- Sample Identification number
- Signature of sample collector
- Date and time of sample collection
- Location at which the sample was collected
- Type of media sampled
- Preservatives used
- Analysis required
- Signature of all persons that had custody of the samples
- Dates and times of possession
- Signature, date, and time of breaking the custody seal by the laboratory

B-1.6.4 SAMPLE LABELS

Sample labels were prepared in accordance with the requirements in Part 6.5.5.4 of the RCRA Permit (NMED, 2010). Labels were affixed to each sample container and were completed immediately following sampling using indelible ink. Labels were covered by transparent waterproof tape to maintain legibility. At a minimum, labels included the following:

- Sample identification number
- Name or initials of sample collector
- Sample location
- Sample date and time
- Analytical parameter and method requested
- Preservation method

B-1.7 PURGE AND DECONTAMINATION WATER MANAGEMENT AND DISPOSAL

Purge and decontamination water was managed and disposed of in accordance with the requirements in Part 6.5.7 of the RCRA Permit (NMED, 2010). Prior to GWM sampling for the quarter, historical data from each monitoring well was evaluated to determine how purge or well maintenance water was initially managed. IDW purge water was managed in one of three categories: (1) non-hazardous water that meets GWTS discharge criteria, (2) non-hazardous water that requires evaluation/approval prior to discharge to the GWTS, and (3) hazardous or suspected hazardous water managed as hazardous waste. In addition, ancillary fluids (i.e., decontamination water and calibration fluids) were managed and, if appropriate, discharged at the GWTS after review/approval of analytical data.

B-1.7.1 NON-HAZARDOUS PURGE WATER MANAGEMENT

Non-hazardous IDW purge water collected during sampling of the GWM wells was placed in 55-gallon poly drums. The drums were sealed with matching plastic lids with steel, locking-ring collars, labeled with vinyl non-hazardous waste labels, and were transferred to the designated non-hazardous IDW yard located on Kirtland AFB. Small volumes of IDW water, typically generated from the sampling of passive sampling devices or sampling of drinking water wells, were placed in labeled, 5-gallon plastic buckets (pails) with sealing lids.

Eligibility for discharge of non-hazardous liquid IDW to the GWTS was determined by comparing historical, well-specific data from the previous two quarters to the acceptance criteria of the GWTS. Liquid IDW from monitoring wells that had historically met the GWTS acceptance criteria was placed on an Auto-Approval List that authorizes discharge to the facility without further review. Any liquid IDW on the Auto-Approval List that was collected, but not yet processed through the GWTS, was temporarily held in the "Pending Disposal" area of the IDW yard.

Liquid IDW sourced from wells with historical data from the previous two quarters that exceeded the GWTS acceptance criteria was held for further evaluation in the "Pending Analysis" area of the IDW yard. Upon receipt of the laboratory analytical data for each well, the data were evaluated against GWTS acceptance criteria. If the data were within GWTS acceptance criteria, the purge water was approved for GWTS discharge. If the data indicated that one or more constituents were outside GWTS parameters, the purge water was processed for offsite disposal at a permitted facility.

B-1.7.2 HAZARDOUS PURGE WATER MANAGEMENT

All liquid hazardous waste (purge or well development water) was placed in 55-gallon steel drums with steel tops and locking rings (UN designation 1A2/Y1.2/100/**). When small volumes (less than 5 gallons) of waste were generated at a well, a plastic container with a threaded top (jerrican) was used to contain the liquid. The jerrican was then placed in a steel, 55-gallon drum for more secure storage. All waste containers were properly labeled, sealed, and placed on secondary containment pallets located within the appropriate less than 90-day accumulation area. The accumulation areas and waste containers were inspected on a weekly basis by trained personnel as required under 40 Code of Federal Regulations (CFR) 262.34.

Hazardous or suspected hazardous IDW was accumulated in one of two RCRA less than 90-day accumulation areas associated with the Kirtland AFB Bulk Fuels Facility Project. Hazardous waste generated from routine GWM sampling or well maintenance activities (purge, well development, or well rehabilitation water) was placed in the Kirtland AFB Bulk Fuels Facility RCRA less than 90-day

accumulation area. Hazardous or suspected hazardous waste generated during drilling activities was held in the Kirtland AFB Zia Park temporary RCRA less than 90-day accumulation area.

Prior to the start of each quarterly GWM sampling event, a preliminary evaluation was made to identify monitoring wells that were anticipated to generate characteristically hazardous liquid IDW for initial waste segregation purposes. Based on historical analytical data available for each well, the water was suspected to be characteristically hazardous if the concentration of benzene exceeded 500 micrograms per liter (per 40 CFR Part 261.24) in either of the previous two sampling events. Liquid IDW from these wells was managed as a potentially characteristically hazardous waste pending confirmation from laboratory analytical results.

For monitoring wells located in the source area of the groundwater plume that have historically shown consistent data that indicate purge water was hazardous, "Generator Knowledge" was used for hazardous waste determination. Use of generator knowledge to determine if solid waste is hazardous is permitted under RCRA regulation 40 CFR 262.11(d)(1).

Upon receipt of analytical data, the IDW remained in the less than 90-day accumulation area if confirmed to be a hazardous waste. If the IDW was determined to not meet hazardous criteria based on analytical data, the non-hazardous waste was transferred to the "Pending Disposal" area of the non-hazardous IDW yard.

All hazardous waste was removed from Kirtland AFB and properly disposed of off-Base within the required 90-day accumulation time limit. Hazardous waste was transported off Kirtland AFB after it was properly profiled, manifested, and approved for transport by the Kirtland AFB Hazardous Waste Management Group. Waste was transported by a licensed hazardous waste hauler to a permitted treatment, storage, and disposal facility.

B-1.8 SOIL VAPOR SAMPLING

Soil vapor sampling was conducted in accordance with the requirements in Part 6.5.16 of the RCRA Permit (NMED, 2010) and the approved Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling Revision 1 (Kirtland AFB, 2017a).

B-1.8.1 EQUIPMENT

Soil vapor samples were collected in Summa® canisters provided by the analytical laboratory; each canister had a unique regulator. A sample train consisting of 0.5-inch fluorinated ethylene propylene tubing and a four-way stainless steel Swagelok cross equipped with quick connects was used in coordination with a Horiba Mexa-584L (Horiba) emissions analyzer and a Gast rotary vane pump to purge the well, measure field parameters, and collect the soil vapor sample.

At the beginning of each workday, the Horiba was calibrated for air-phase petroleum hydrocarbons (HC) and carbon dioxide (CO_2) against known calibration standards and for oxygen (O_2) against atmospheric conditions. At the middle of each workday (or no more than 5 hours after the start of work), a calibration check was performed on the Horiba to determine whether the calibration of any of the parameters had drifted since the morning calibration. If the calibration check results were outside of 5% of the calibration gas standards, then the Horiba was recalibrated prior to additional sampling. If at any point during sampling, a reading for HC, CO_2, or O_2 reaches an unreasonable value (e.g., an O_2 concentration greater than 22%) or if a data value was outside the trend indicated by previous readings at a given location, a calibration check was performed. The expected range of values are from 0 to 40,000 ppmv for HC, from 0% to 15% for percent CO_2, and from 0% to 22% for percent O_2. If any readings were outside of these ranges, a calibration check was completed and, if necessary, the instrument was recalibrated. The sampling system must be purged with ambient air before being attached to a soil vapor monitoring point (SVMP) sample port to minimize potential cross-contamination between samples. To ensure the entire sample train was thoroughly purged, the pump was attached to the setup and atmospheric air was flushed through the quick connect port and the nylon tubing. All fittings are to be opened during this process to allow for flow. The purging effectiveness was monitored using the Horiba to ensure no contaminants remained and that only ambient air was being read. Correct values for ambient air must be less than 5 ppmv HC, 0% for percent CO_2, and between 20% to 22% for percent O_2. Complete instrument purging must be performed after sampling each SVMP. A digital manometer was used to gauge pressure in the well, and a PID was used to ensure a safe working environment. The digital manometer does not require field calibration.

At the beginning of each workday, the sampling system was leak checked using the following steps:

Step 1. The male pneumatic fitting on the end of the nylon tubing was capped with a spare female quick disconnect fitted to a vacuum/pressure gauge.

Step 2. The SVMP purging/sampling pump was connected to one of the quick disconnect fittings on the sample system and the air was evacuated from the sample system to establish a vacuum.

Step 3. The pump was disconnected and the vacuum reading was immediately recorded from the pressure/vacuum gauge.

Step 4. After 10 minutes elapsed, the vacuum reading on the gauge was checked and recorded.

Step 5. The starting and ending vacuum readings were verified to within 10% to ensure that the sampling system was not leaking.

Step 6. If the two vacuum readings were not within 10% of each other, the conditions of the seals were checked and the leak test was repeated until the sampling system was confirmed to be airtight.

B-1.8.2 METHODS

B-1.8.2.1 Static Pressure Measurement

Before taking the static pressure reading, the manometer instrument must be zeroed to atmospheric pressure. The screen should read 0.00 inches of water column (in. WC). After confirming that the manometer was zeroed, the following procedure was used to connect the sampling system to the SVMPs and measure the static (also called baseline) pressure, to assure readiness for purging and sampling:

Step 1. The manometer was connected to the side of the sampling system opposite of the Summa® sample collection port.

Step 2. A manometer reading of 0.00 in. WC was verified.

Step 3. Nylon tubing was connected to the SVMP and a secure connection was ensured.

Step 4. The change in manometer readings was monitored over time and the pressure/vacuum reading was recorded when the meter stabilized.

B-1.8.2.2 Purging Soil Vapor

Stagnant soil vapor was purged from the SVMP as follows:

Step 1. The SVMP sampling pump was turned on, the operation of the flow rotameter was verified, and potential leaks were identified if present.

Step 2. The Purge Table (Table 1 of the Soil Vapor Monitoring Standard Operating Procedure) was consulted for the initial purge volume.

Step 3. The female quick disconnect on the terminal end of the sampling system was connected to the male quick connect on the vacuum side of the soil vapor monitoring sampling pump and timing the purge cycle began. (Note: The flow rate on the rotameter was used along with the precalculated purge volume to quickly calculate the purge time. The purge time was determined by the well port diameter, well depth, and rate of the pump; all of which were known before sampling with the exception of the flowrate. The amount of vapor needed to be removed was based on one well casing volume).

Step 4. After adequately purging for the appropriate time, the sampling system was quickly disconnected from the vacuum pump. (Note: The sampling system remained connected to the SVMP for the duration of sampling).

Step 5. The manometer reading was allowed to return to within 0.10 in. WC of the static pressure reading before moving to the next step in the sampling procedure.

B-1.8.2.3 Horiba Readings

Once the SVMP had been purged, the following procedure was used to take and record HC, CO_2, and O_2 measurements using the calibrated Horiba:

Step l. Ensured that the Horiba was turned on and was functioning properly.

Step 2. Recorded the manometer reading.

Step 3. Inserted the male quick connect fitting into the female quick connect fitting on the terminal side of the sampling system and ensured a tight connection.

Step 4. Observed the Horiba O_2 reading for stability or for a maximum of one minute, whichever came first.

Step 5. Recorded the HC, CO_2, and O_2 readings and quickly disconnected the Horiba. Photographed the Horiba reading for quality control reference, and included the well number in the picture.

B-1.8.2.4 Soil Vapor Sampling

The following procedures were used when collecting soil vapor samples for laboratory analysis:

Step 1. The vacuum in the Summa® canister was checked prior to sampling by taking a vacuum reading using a lab-supplied vacuum gauge or equivalent.

- Confirmed that the valve was closed.
- Removed the brass cap.
- Attached the gauge. Made sure that the gauge was not cross thread onto the canister. The gauge was snug with no apparent rattles prior to collecting the initial vacuum reading.
- Attached the brass cap to the side of the gauge tee fitting to ensure a closed train.
- Quickly opened and closed the valve (a few seconds).
- Read the vacuum on the gauge. (Note: canisters are required to be within --25 to -29.9 inches of mercury of vacuum. If the measured vacuum was outside of this tolerance, the canister was not used for sample collection).
- Recorded the initial vacuum reading on the chain-of-custody, verified that the valve was closed, and removed the gauge.
- Replaced the brass cap.

Step 2. With the nylon tubing still connected to the well port, the static pressure indicated on the manometer read-out was recorded.

Step 3. The Summa® canister was connected to the connection on the sample system.

- Confirmed that the valve was closed.
- Removed the brass cap.
- Attached the particulate filter.
- Connected the Summa® canister to the connection on the sampling system.

- Opened the valve ½ turn to fill the canister.
- Disconnected the Summa® canister after two minutes or once the manometer read -5 inches of mercury, whichever came first (Note: it is the intent to leave some vacuum in the canister for the laboratory to determine sample integrity upon receiving samples).
- Closed the valve by hand tightening knob clockwise.
- Repeated Step 1 to determine vacuum/pressure.
- Replaced the brass cap.

B-1.8.3 SAMPLE PACKAGING AND SHIPPING

Sample packaging and shipping requirements were designed to maintain sample integrity from the time a sample is collected until it is received at the analytical laboratory. All chain-of-custody forms, sample tags, custody seals, and other sample documents were completed as specified in the QAPP. Specific procedures for packaging and shipping of environmental samples are presented below:

- A sample tag, completed with indelible ink, was attached to the canister.
- The filled Summa® canisters were placed in the cardboard box in which the canisters were received from the laboratory. The sample number was written on the top of the box. Each individual box was boxed in groups of four or eight in the larger boxes in which they were shipped.
- A copy of the chain-of-custody form was placed inside the box.
- The box was closed and taped shut with strapping tape (filament-type).
- Custody seals were placed on the box. Clear tape was placed over the custody seals to help prevent them from being accidentally torn or ripped off.
- The box of samples was shipped via FedEx ground. A copy of the shipping bill was retained for the field records and was sent electronically to the project chemist.

B-1.9 REFERENCES

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APPENDIX B-2

Current and Former Well Identification

Table B-2
Current and Former Well Identification

Current Well ID	Previous Well ID	REI Assignment	Previous Aquifer Assignment
KAFB-003	KAFB-3, KAFB003	—	Regional Deep
KAFB-015	KAFB-15, KAFB015	—	Regional Deep
KAFB-016	KAFB-16, KAFB016	—	Regional Deep
KAFB-106001	KAFB-1061	4857 & 4838	Shallow
KAFB-106002	KAFB-1062	4857	Shallow
KAFB-106003	KAFB-1063	4857	Shallow
KAFB-106004	KAFB-1064	4857	Shallow
KAFB-106005	KAFB-1065	4857	Shallow
KAFB-106006	KAFB-1066	4857	Shallow
KAFB-106007	KAFB-1067	4857	Shallow
KAFB-106008	KAFB-1068	4857	Shallow
KAFB-106009	KAFB-1069	4857	Shallow
KAFB-106010	KAFB-10610	4857	Shallow
KAFB-106011	KAFB-10611	4857	Shallow
KAFB-106012R	KAFB-10612R	4857	Shallow
KAFB-106013	KAFB-10613	4857	Shallow
KAFB-106014	KAFB-10614	4857	Shallow
KAFB-106015	KAFB-10615	4857 & 4838	Shallow
KAFB-106016	KAFB-10616	4857	Shallow
KAFB-106017	KAFB-10617	4857 & 4838	Shallow
KAFB-106018	KAFB-10618	4857 & 4838	Shallow
KAFB-106019	KAFB-10619	4857 & 4838	Shallow
KAFB-106020	KAFB-10620	4857	Shallow
KAFB-106021	KAFB-10621	4857 & 4838	Shallow
KAFB-106022	KAFB-10622	4857 & 4838	Shallow
KAFB-106023	KAFB-10623	4857	Shallow
KAFB-106024	KAFB-10624	4857	Shallow
KAFB-106025	KAFB-10625	4857 & 4838	Shallow
KAFB-106026	KAFB-10626	4857	Shallow
KAFB-106027	KAFB-10627	4857	Shallow
KAFB-106028	KAFB-10628-510	4857	Shallow
KAFB-106029	—	4857	Shallow
KAFB-106030	—	4838	Intermediate
KAFB-106031	—	4814	Deep
KAFB-106032	—	4857	Shallow
KAFB-106033	—	4838	Intermediate
KAFB-106034	—	4814	Deep
KAFB-106035	—	4857	Shallow
KAFB-106036	—	4838	Intermediate
KAFB-106037	—	4814	Deep
KAFB-106038	—	4857	Shallow
KAFB-106039	—	4838	Intermediate
KAFB-106040	—	4814	Deep
KAFB-106041	—	4857	—
KAFB-106042	—	4857	Shallow
KAFB-106043	—	4814	Deep
KAFB-106044	—	4838	Intermediate
KAFB-106045	—	4814	Deep
KAFB-106046	—	4857	Shallow
KAFB-106047	—	4838	Intermediate
KAFB-106048	—	4814	Deep
KAFB-106049	—	4857	Shallow
KAFB-106050	—	4838	Intermediate
KAFB-106051	—	4814	Deep

Table B-2
Current and Former Well Identification

Current Well ID	Previous Well ID	REI Assignment	Previous Aquifer Assignment
KAFB-106052	—	4857	Shallow
KAFB-106053	—	4838	Intermediate
KAFB-106054	—	4814	Deep
KAFB-106055	—	4857	Shallow
KAFB-106057	—	4838	Intermediate
KAFB-106058	—	4814	Deep
KAFB-106059	—	4857	Shallow
KAFB-106060	—	4838	Intermediate
KAFB-106061	—	4814	Deep
KAFB-106062	—	4814	Deep
KAFB-106063	—	4838	Intermediate
KAFB-106064	—	4857	Shallow
KAFB-106065	—	4838	Intermediate
KAFB-106066	—	4814	Deep
KAFB-106067	—	4857	Shallow
KAFB-106068	—	4814	Deep
KAFB-106069	—	4838	Intermediate
KAFB-106070	—	4857	Shallow
KAFB-106071	—	4814	Deep
KAFB-106072	—	4838	Intermediate
KAFB-106073	—	4838	Intermediate
KAFB-106074	—	4814	Deep
KAFB-106075	—	4857	Shallow
KAFB-106076	—	4857	Shallow
KAFB-106077	—	4838	Intermediate
KAFB-106078	—	4814	Deep
KAFB-106079	—	4857	Shallow
KAFB-106080	—	4838	Intermediate
KAFB-106081	—	4814	Deep
KAFB-106082	—	4857	Shallow
KAFB-106083	—	4838	Intermediate
KAFB-106084	—	4814	Deep
KAFB-106085	—	4857	Shallow
KAFB-106086	—	4838	Intermediate
KAFB-106087	—	4814	Deep
KAFB-106088	—	4857	Shallow
KAFB-106089	—	4838	Intermediate
KAFB-106090	—	4814	Deep
KAFB-106091	—	4857	Shallow
KAFB-106092	—	4838	Intermediate
KAFB-106093	—	4814	Deep
KAFB-106094	—	4857	Shallow
KAFB-106095	—	4838	Intermediate
KAFB-106096	—	4814	Deep
KAFB-106097	—	4838	Intermediate
KAFB-106098	—	4814	Deep
KAFB-106099	—	4838	Intermediate
KAFB-106100	—	4814	Deep
KAFB-106101	—	4838	Intermediate
KAFB-106102	—	4814	Deep
KAFB-106103	—	4838	Intermediate
KAFB-106104	—	4814	Deep
KAFB-106105	—	4838	Intermediate
KAFB-106106	—	4857	Shallow

Table B-2
Current and Former Well Identification

Current Well ID	Previous Well ID	REI Assignment	Previous Aquifer Assignment
KAFB-106107	—	4814	Deep
KAFB-106148-484	—	4857	—
KAFB-106149-484	—	4857	—
KAFB-106150-484	—	4857	—
KAFB-106151-484	—	4857	—
KAFB-106152-484	—	4857	—
KAFB-106153-484	—	4857	—
KAFB-106154-484	—	4857	—
KAFB-106155-484	—	4857	—
KAFB-106156-484	—	4857	—
KAFB-106201	—	4857	Shallow
KAFB-106202	—	4838	Intermediate
KAFB-106203	—	4814	Deep
KAFB-106204	—	4857	Shallow
KAFB-106205	—	4838	Intermediate
KAFB-106206	—	4814	Deep
KAFB-106207	—	4857	Shallow
KAFB-106208	—	4838	Intermediate
KAFB-106209	—	4814	Deep
KAFB-106212	—	4814	Deep
KAFB-106213	—	4857	Shallow
KAFB-106214	—	4838	Intermediate
KAFB-106215	—	4814	Deep
KAFB-106216	—	4857	Shallow
KAFB-106217	—	4838	Intermediate
KAFB-106218	—	4814	Deep
KAFB-106219	—	4857	Shallow
KAFB-106220	—	4838	Intermediate
KAFB-106221	—	4814	Deep
KAFB-106222	—	4857	Shallow
KAFB-106223	—	4838	Intermediate
KAFB-106224	—	4814	Deep
KAFB-106225	—	4857	Shallow
KAFB-106226	—	4838	Intermediate
KAFB-106227	—	4814	Deep
KAFB-106228	—	—	—
KAFB-106229	—	4857	Shallow, Intermediate, and Deep
KAFB-106230	—	4838	Intermediate
KAFB-106231	—	4857	Shallow
KAFB-106232	—	4838	Intermediate
KAFB-106233	—	—	—
KAFB-106234	—	—	—
KAFB-106235-438	KAFB-106235-463	4857	—
KAFB-106235-472	KAFB-106235-492	4838	—
KAFB-106235-501	KAFB-106235-521	4814	—
KAFB-106236-436	KAFB-106236-461	4857	—
KAFB-106236-470	KAFB-106236-490	4838	—
KAFB-106236-499	KAFB-106236-519	4814	—
KAFB-106240-449	—	4857	—
KAFB-106241-428	—	4857	—
KAFB-106242-418	—	4857	—
KAFB-106243-425	—	4857	—
KAFB-106244-445	—	4857	—
KAFB-106245-460	—	4857	—

Table B-2
Current and Former Well Identification

Current Well ID	Previous Well ID	REI Assignment	Previous Aquifer Assignment
KAFB-106247-490	—	4857	—
KAFB-106S1-447	—	4857	—
KAFB-106S2-451	—	4857	—
KAFB-106S3-449	—	4857	—
KAFB-106S4-446	—	4857	—
KAFB-106S5-446	—	4857	—
KAFB-106S7-491	—	4857	—
KAFB-106S8-491	—	4857	—
KAFB-106S9-447	—	4857	—
KAFB-106248-452	—	4857	—
KAFB-106249-450	—	4857	—
KAFB-106250-447	—	4857	—
KAFB-106251-425	—	4857	—
KAFB-106252-443	—	4857	—
KAFB-106252-515	—	4838	—
KAFB-106S10-443	--	4857	—
KAFB-3411	KAFB3411	4857	Shallow
ST106-VA2	VA HOSPITAL WELL	—	Regional Deep

— = not applicable
ID = identification
REI = reference elevation interval
VA = Veterans Affairs

APPENDIX B-3

DESCRIPTIONS FROM PREVIOUS REPORTS

LIST OF ACRONYMS AND ABBREVIATIONS

%	percent
µg/L	microgram(s) per liter
AFB	Air Force Base
amsl	above mean sea level
BFF	Bulk Fuels Facility
BTEX	benzene, toluene, ethylbenzene, and total xylenes
DMS	dual-membrane sampler
DO	dissolved oxygen
EDB	ethylene dibromide
GWM	groundwater monitoring
GWTS	groundwater treatment system
mg/L	milligram(s) per liter
PSL	project screening limit
Q1	first quarter of the year, January 1 through March 31
Q2	second quarter of the year, April 1 through June 30
Q4	fourth quarter of the year, September 1 through December 31
REI	reference elevation interval
RPD	relative percent different
SE	southeast
VA	Veterans Affairs

B-3-1. EXPLANATION OF REFERENCE ELEVATION INTERVAL DESIGNATIONS

The following text was initially provided in the Fourth Quarter (Q4) 2016 Quarterly and Annual Report (Kirtland Air Force Base [AFB], 2017a):

> In previous reports, the distribution of groundwater contamination had been described in terms of shallow, intermediate, and deep intervals within the ethylene dibromide (EDB) plume. These intervals were broadly defined by permeable zones in which EDB migration had been identified, and these intervals have been used to guide the vertical design of monitoring wells. However, with the implementation of the groundwater treatment system (GWTS) interim measure north of Ridgecrest Drive, Southeast (SE), combined with the anticipated continuing water table rebound of approximately 2 feet per year for the next decade, these definitions of shallow, intermediate, and deep become problematic. Not all contamination will move upward with the rising water table; therefore, the base of the deep zone is expected to remain somewhat fixed. In addition, as the water table rises, the plume is expected to increase in thickness over time and impact a shallower layer of the aquifer that is not present today. For these reasons, the continued use of shallow, intermediate, and deep nomenclature will be inadequate to accurately describe changing vertical plume concentrations and changes in the plume related to the GWTS operation.

To assess performance of the GWTS, particularly regarding plume capture and plume collapse, several methods of analysis that compare variations in groundwater flow paths and contaminant concentration trends will be employed both horizontally and vertically. Horizontally, visualizing how concentrations vary in map view, from upgradient to downgradient, around Bullhead Park and the Veterans Affairs (VA) Medical Center, has not changed as these features are fixed. However, in the vertical dimension, shallow, intermediate, and deep are changing with time and are not fixed. Therefore, to fix these layers to accommodate consistent performance analysis in the vertical dimension, and to provide for future addition of new layers (i.e., a shallower zone) as the water table rises, the concept of reference elevation interval (REI) is introduced in this report. In concept, what were once the deep, intermediate, or shallow zones will now be represented as layers in a cake (e.g., with a bottom elevation and a top elevation). Because of the nature of the permeable zones, the bottom and top undulate somewhat rather than being perfectly flat; however, the plume can still be visualized in terms of these layers. As the water table rises, layers can be added to the top. Because these fixed layers are defined, vertical water levels and vertical contaminant concentrations can be compared over time and always to the same references. This will allow meaningful analysis of trends that demonstrate plume capture and collapse with consistent reference points. The three REIs are 4857, 4838, and 4814, corresponding to the historically identified shallow, intermediate, and deep zones, respectively. Table 3-4 includes the REI assignations for the groundwater monitoring (GWM) network.

The association of the former groundwater zones and REIs relative to the depth of well screen intervals within the GWM network is summarized below:

- ***REI 4857*** is currently the uppermost interval so named because the GWM wells comprising this dataset are screened across the elevation of 4,857 feet above mean sea level (amsl). Data collected or measured from these GWM wells are representative of the hydrogeologic conditions of this zone that is bounded on top by the water table surface and bounded on the bottom by a surface that intercepts the bottom of the REI 4857 well screens. The screen elevations for the GWM wells within this dataset range from 4,879 feet amsl down to 4,827 feet amsl, and include all wells formerly categorized as shallow and two new GWM wells completed in December 2016 (KAFB-106235-463 and KAFB-106236-461). These two new wells were not sampled in Q4 2016. A total of 62 wells comprise this dataset, 8 of which are included in both the REI 4857 and

REI 4838 datasets: KAFB-106001, KAFB-106015, KAFB-106017, KAFB-106018, KAFB-106019, KAFB-106021, KAFB-106022, and KAFB-106025. The reason for this double assignation is due to well screen construction lengths (25-30 feet) and thus overlapping screen intervals in REI 4838 by more than 5 feet. This means that samples collected from these 8 wells are representative of REI 4857 and are also representative of at least one-third of REI 4838. Of note, a majority of the REI 4857 wells were designed to be water table wells with partially submerged screens, having relatively long screen lengths ranging from 20 to 30 feet. However, due to rising groundwater elevations, only 14 GWM wells included in REI 4857 remained with partially submerged screens as of Q4 2016.

- ***REI 4838*** directly underlies REI 4857 and is so named because all but one of the screens of the GWM wells comprising this dataset are screened across the elevation of 4,838 feet amsl. Data collected or measured from these GWM wells are representative of the hydrogeologic conditions of this zone that is bounded on top by the bottom surface of REI 4857 and bounded on the bottom by a surface that intercepts the mid-point between the REI 4838 screens and the underlying REI 4814 screens. The screen elevations for the GWM wells within this dataset range from 4,848 feet amsl down to 4,800 feet amsl and include all but two of the wells previously categorized as intermediate; the exceptions are GWM wells KAFB-106230 and KAFB-106232, which are now included in the REI 4814 dataset due to the depth of their screens. Eight wells are included in both in REI 4857 and REI 4838 datasets, as discussed above. The REI 4838 GWM well dataset contains one anomalous well assignment (KAFB-106037). This well, having a screened elevation between 4,815 and 4,800 feet amsl, was previously assigned as a deep well. However, it is part of the only clustered well group having four wells (all other have either two or three). Having three REIs meant excluding one well from this system in the capture analyses. KAFB-106037 was chosen over KAFB-106036 because analysis of historical groundwater level measurements from this clustered well group showed that it was in better communication with the nearby interim measure extraction well KAFB-106228. KAFB-106037 was placed in REI 4838 because the deepest well in the clustered well group (KAFB-106212) is screened below extraction well KAFB-106228, which necessitated its inclusion in the underlying REI 4814. A total of 46 GWM wells are included in REI 4838.

- ***REI 4814*** directly underlies REI 4838 and currently represents the lowest elevation dataset. This dataset includes all but one well (KAFB-106037) previously designated as deep, as well as the two previously designated intermediate wells (KAFB-106230 and KAFB-106232), as described above. The screened intervals for GWM wells within this dataset cover a large vertical extent of the aquifer ranging from an elevation of 4,824 feet amsl down to an elevation of 4,720 feet amsl. Not all of the screened intervals overlap, prohibiting the assignment of a reference elevation common to all wells. There are 16 wells with screen elevations ranging from 4,824 to 4,798 feet amsl, while 20 well screens fall within the 4,781- TO 4,753 feet amsl range, and 3 well screens from 4,740- to 4,720 feet amsl. A reference elevation of 4,814 feet amsl was chosen as an identifier for this interval because it passes through the screens of the uppermost group of wells in the dataset allowing for the addition of a deeper REI if required in the future. Data collected or measured from these GWM wells are representative of the hydrogeologic conditions of this zone that is bounded on top by the bottom surface of REI 4838 and bounded on the bottom by a surface that intercepts the bottom of the REI 4814 well screens. There are 39 GWM wells installed in REI 4814.

B-3-2. DISCUSSION OF FIELD PARAMETERS FROM PASSIVE SAMPLING

The following text was initially provided in the Second Quarter (Q2) 2017 Quarterly Report (Kirtland AFB, 2017b):

Upon initiating the Q2 2017 passive sampling, field parameter measurements were notably skewed from historical measurements. Following the collection of field parameters from 13 GWM well locations with passive samplers, it was apparent that field parameter data collected from the passive samplers were not representative of the groundwater conditions due to the pore diameter of the passive sampling membranes, and continued collection of field parameters from passive samplers was terminated pending discussion with the New Mexico Environment Department. Therefore, field parameters were only collected from wells that utilized low-flow sampling techniques (all located south of Gibson Boulevard SE).

B-3-3. PASSIVE SAMPLER EVALUATION

The following text was initially provided in the Q4 2017 Quarterly and Annual Report (Kirtland AFB, 2018a):

A demonstration was performed in Q4 2017 to assess a proposed transition from collecting grab samples using a low-flow methodology (Bennett pump sampling systems) to a passive sampling technique (i.e., dual-membrane sampler [DMS]). This demonstration consisted of comparing low-flow sample analytical results and passive sample analytical results for EDB; benzene, toluene, ethylbenzene, and total xylenes (BTEX); and inorganic compounds from groundwater samples collected from five source area wells (Figure E-7-1). The results are reported in Table 3-14 and shown on Figure 3-23.

In addition, field parameters were compared between the low-flow purge water using a YSI Pro Plus multiparameter probe with a flow-through cell, and measurements taken *in situ* within the well using an Aqua TROLL® 600 multiparameter sonde deployed within the well screen depth (Table 3-15). If passive sampling is approved for source area wells, reliable field parameter measurements will not be achieved from the DMSs and, therefore, an *in situ* method may be proposed if continued field parameter collection is necessary.

The analytical results from this demonstration are summarized below. In accordance with the work plan (Kirtland AFB, 2017c), the low-flow sample data are used for reporting purposes. The sample results from the DMSs are only used for demonstration purposes, and a relative percent difference (RPD) was calculated for each analyte within each sample (Table 3-14). The approved Quality Assurance Project Plan acceptable RPD for duplicate groundwater samples is 35 percent (%) for analytical results and was, therefore, used herein to determine a comparable threshold value. The RPD acceptance threshold of 35% is relevant when comparing two samples utilizing the same sampling methodology. A comparison of results collected via two different sampling methods, one discrete (DMS) and one indiscrete (Bennett pump), may result in widely varying RPDs. The 35% threshold has been selected to illustrate that the two methods provide results that are comparable to two samples obtained using the same sampling methodology. Analytical results and RPDs are summarized below:

- EDB was detected in all groundwater samples collected using both low-flow and passive technologies. The RPD for EDB from samples collected from KAFB-106005 was 10%. The EDB concentrations from the other four wells in the demonstration ranged from 0.85 to 5.9 micrograms per liter (µg/L), with RPDs ranging from 48 to 175%; above the acceptable 35% RPD.

- Benzene was detected in all groundwater samples (at concentrations above the project screening limit [PSL] of 5 µg/L) using both low-flow and passive technologies. The RPD for the benzene results was 0% for KAFB-106008 (both methods had a benzene concentration of 2,300 µg/L), and the RPD was relatively low for two other wells (KAFB-106005 and KAFB-106006) at 26 and 31%, respectively. The RPD for benzene from groundwater samples collected from KAFB-106014 and KAFB-106059 was 64 and 121%, respectively; above the acceptable 35% RPD.

- Toluene was detected or estimated in all groundwater samples collected using both low-flow and passive technologies. The RPD for toluene ranged from 16 to 195% and was below the acceptable 35% RPD in two wells (KAFB-106005 and KAFB-106008).

- Ethylbenzene was detected in all groundwater samples collected using both low-flow and passive technologies. The RPD for ethylbenzene was 0% in KAFB-106006 (both methods had an ethylbenzene concentration of 3 µg/L), and the RPD was relatively low for KAFB-106005 (19%).

The ethylbenzene concentrations from the other three wells in the demonstration ranged from 45 to 470 µg/L, with RPDs ranging from 39 to 164%; above the acceptable 35% RPD.

- Total xylenes were detected all groundwater samples collected using both low-flow and passive technologies, with the exception of the DMS sample from KAFB-106006, precluding the ability to calculate an RPD from that well. The RPD for total xylenes was 17% from KAFB-106005, within the 35% RPD. The RPD was above 35% in the remaining wells (KAFB-106008, KAFB-106014, and KAFB-106059).

It should be noted that while some RPD values for EDB and benzene exceeded the 35% threshold, no significant differences in analyte concentrations were observed between either sampling method or the respective analyte PSL. Both methods yielded comparable results that were either both below or above the PSL. The only exception to this were the EDB results from well KAFB-106006. At this well, the low-flow sampling method resulted in an estimated value below the PSL (0.014 µg/L) while the passive sampling method resulted in a value above the PSL (0.21 µg/L). When comparing plume maps utilizing either the passive sampling data or the low-flow sampling data, only minimal shifts of some internal isocontours occur between the two sample types (Figure 3-23); however, the overall contoured boundary (specified as the PSL concentration) generally remained unchanged.

- Inorganic concentrations observed in the groundwater samples collected using the two methods were generally in agreement, with only a few samples that exceeded the 35% RPD, as follows:

  - Dissolved manganese in KAFB-106005 (40% RPD) and KAFB-106014 (46% RPD)
  - Nitrate/nitrite nitrogen in KAFB-106005 (156% RPD) and KAFB-106006 (40% RPD)
  - Dissolved iron in KAFB-106006 (44% RPD)
  - Chloride in KAFB-106014 (80% RPD)

The results from the field parameter demonstration are summarized below. In accordance with the work plan (Kirtland AFB, 2017c), the low-flow purge water data are used for reporting purposes as measured using the YSI Pro Plus. The field parameters from the Aqua TROLL® 600 multiparameter sonde are used for demonstration purposes only, and an RPD was calculated for each parameter within each well (Table 3-15). An RPD of 50% was deemed acceptable for the field parameters and is conservative given the variability and relatively low concentrations of dissolved oxygen (DO) and turbidity. In accordance with the work plan (Kirtland AFB, 2017c), field parameters were collected until stabilization of three consecutive readings within 10% of one another was achieved, or a maximum of 1 hour. The final, stabilized field parameters measurements are used for reporting and demonstration purposes.

- Turbidity had relatively high RPDs with the exception of KAFB-106014 at 20%; the remaining four wells had an RPD for turbidity ranging from 60 to 198%.

- Temperature was consistent between the two methods, with a maximum RPD of 12% (KAFB-106008).

- DO had relatively high RPDs in three wells (KAFB-106005, KAFB-106006, and KAFB-106008). DO had relatively low RPDs in KAFB-106014 (46%) and KAFB-106059 (28%). Although DO had relatively high RPDs in three of the demonstration wells, the results were all <1 milligram per liter (mg/L), with the exception of the low-flow result from KAFB-106006 (2.94 mg/L).

- Specific conductivity was consistent between the two methods, with a maximum RPD of 43% (KAFB-106005).

- pH was consistent between the two methods, with a maximum RPD of 7% (KAFB-106059).

- Oxidation-reduction potential had relatively high RPDs in wells KAFB-106005 and KAFB-106059 at 55 and 54%, respectively. The other wells demonstrated relatively low RPDs for oxidation reduction potential, ranging from 5 to 29%.

These results indicate that passive sampling techniques (i.e., DMSs) generally provide results that are comparable to low-flow techniques for inorganic parameters. For volatile parameters, including EDB and BTEX, the results indicate good agreement between the two methods for relatively lower concentrations (e.g., KAFB-106005 and KAFB-106006); however, the higher concentrations of EDB and BTEX did not provide as comparable results between the two methods (e.g., KAFB-106008, KAFB-106014, and KAFB-106059). Plume delineation in the source area at the PSL for both EDB and benzene was comparable between both methods. Significant differences in concentration contours were only observed at concentrations exceeding the PSL by approximately three orders of magnitude (Figure 3-23). The only exception to the plume boundary was for the EDB PSL contour extending further south around KAFB-106006 due to the higher passive sampler concentration.

Previous demonstrations have shown generally comparable results between the two methods, with no consistent bias identified (i.e., neither method has consistently resulted in higher or lower concentrations). Furthermore, vertical profiles were evaluated in Q4 2016 and first quarter (Q1) 2017 (Kirtland AFB, 2017d) that demonstrated most source area wells that were evaluated did not have significant vertical gradients and, therefore, matching the passive sample depths to the low-flow sample depth, as was done for this demonstration, should not result in a significant sample bias. The two field parameter methods (low-flow purge water versus *in situ* measurements) resulted in agreement between the methods, with turbidity being the parameter with the greatest discrepancies. Temperature, pH, and specific conductivity all revealed consistent measurements between the two methods. Although DO resulted in RPDs greater than 50% in three wells, all results were <1 mg/L with the exception of the low-flow result from KAFB-106006 (2.94 mg/L).

B-3-4. REGIONAL GROUNDWATER GRADIENT

The following text was initially provided in the Q2 2018 Quarterly Report (Kirtland AFB, 2018b):

> The GWM well network for the Kirtland AFB Bulk Fuels Facility (BFF) jet fuel dissolved-phase contamination is screened near the top of the saturated interval of the Santa Fe Group aquifer system. Historically, this aquifer system was the sole water supply for the Albuquerque metropolitan area and the groundwater flow was from north-northeast to south-southwest toward the Rio Grande (Bexfield and Anderholm, 2000). As the population increased, water demand also increased and the Santa Fe aquifer system experienced significant stress resulting in water level declines in excess of 100 feet near Kirtland AFB (Powell and McKean, 2014). Furthermore, the groundwater flow changed direction from south-southwest (toward the Rio Grande) to an easterly and northeasterly direction, away from the Rio Grande and toward the city and its drinking water supply wells (Powell and McKean, 2014). It is important to note the predominant groundwater flow direction, which the dissolved-phase constituents migrated along, was north-northeast. To reduce the use of groundwater while maintaining municipal water supply, in 2008, the Albuquerque Bernalillo County Water Utility Authority began diverting water from the San Juan-Chama Drinking Water Project. As a result, this surface water diversion has relieved the pumping stress of the Santa Fe aquifer system and groundwater levels have been rebounding approximately 3-4 feet per year, with rates varying depending upon the proximity to pumping wellfields or historical groundwater sinks (Beman, 2013). A more detailed discussion of the conceptual site model can be found in Section 7 of the RFI Report (Kirtland AFB, 2018c).

B-3-5. DESCRIPTION OF FORMER WELL DESIGNATIONS AND ASSOCIATED SAMPLING REGIMES

The following text was initially provided in the Q4 2018 Quarterly and Annual Report (Kirtland AFB, 2019):

In previous reports, GWM wells were assigned designations based either on their location related to the groundwater gradient and their spatial relationship to the dissolved-phase EDB or simply on their location (i.e., source area, etc.). However, due to the changing regional groundwater gradient (Section 3), these designations may no longer be appropriate or meaningful. In order to present analytical data and data summaries conveniently at the project scale, all GWM wells will hereafter be designated simply as "groundwater monitoring well," except for newly added wells (which include any newly installed wells), and the presentation of analytical data will be centered on analytes as opposed to former well designations. The former well designations and monitoring well objective are provided in Table 3-1 along with the current sampling regime by quarter. A brief description of the former well designations and the frequency of samples collected by designation is provided below.

Newly Added Wells—Newly added wells include both existing wells that are added to the GWM network as well as newly installed wells that have not completed four quarters of baseline sampling. Newly added GWM wells require a minimum of four consecutive quarters of baseline full-suite analytical sampling before receiving a designation that determines the long-term sampling regime. These wells have been added to define the plume boundary and provide additional water table monitoring due to the rising groundwater elevation.

Source Area Wells—Primarily located in the BFF south of Randolph Road SE and proximal to the spill site on-Base. Sampled during Q2 and Q4. These wells monitor the higher concentrations of dissolved-phase contaminants on-Base.

Downgradient Proximal Wells—Located north of Ridgecrest Drive SE surrounding the historical low concentration dissolved-phase EDB to the west, north, and east into the distal portion of the GWM network. Analytical data for these wells have been historically below the maximum contaminant level for EDB. Sampled every quarter. These wells assist in plume boundary definition.

Veterans Affairs (VA) Proximal Wells—Three sets of nested wells located between the historical dissolved-phase EDB south of Ridgecrest Drive SE and the Raymond G. Murphy VA Medical Center as a means to detect any potential contaminant migration toward the VA medical campus. Sampled every quarter. These wells provide additional wellhead protection monitoring for the VA supply well.

Signal Wells—Three wells located along the south side of Ridgecrest Drive SE to monitor BTEX and provide early indication if theses dissolved-phase constituents are migrating from the source area into the interim measure Target Capture Zone. Sampled during Q2 and Q4.

GWM Wells—Primarily located north of Ridgecrest Drive SE within the historical footprint of the dissolved-phase EDB. Analytical data from these wells serve to define the volume and mass of the dissolved-phase EDB throughout the GWM network. Sampled in Q2 and Q4.

B-3-6. REFERENCES

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Kirtland AFB. 2018b. *Quarterly Monitoring Report April-June 2018, Bulk Fuels Facility, SWMU ST-106/SS-111.* Prepared by EA Engineering, Science, and Technology, Inc., PBC for Kirtland AFB under USACE–Albuquerque District Contract No. W912DR-12-D-0006. September.

Kirtland AFB. 2018c. *Phase I RCRA Facility Investigation Report, Bulk Fuels Facility Releases, Solid Waste Management Unit ST-106/SS-111.* Prepared by Sundance Consulting, Inc. for Kirtland AFB under USACE-Albuquerque District Contract No. W912PP-16-C-0002. August.

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Powell, R.I. and S.E. McKean. 2014. Estimated 2012 groundwater potentiometric surface and drawdown from predevelopment to 2012 in the Santa Fe Group aquifer system in the Albuquerque metropolitan area, central New Mexico: U.S. Geological Survey Scientific Investigations Map 3301.

FIGURES

List of Appendix B-3 Figures

- Q4 2017 Figure 3-23 – Source Area Well Comparison between Low Flow Samples and Passive Samplers in REI 4857, Q4 2017

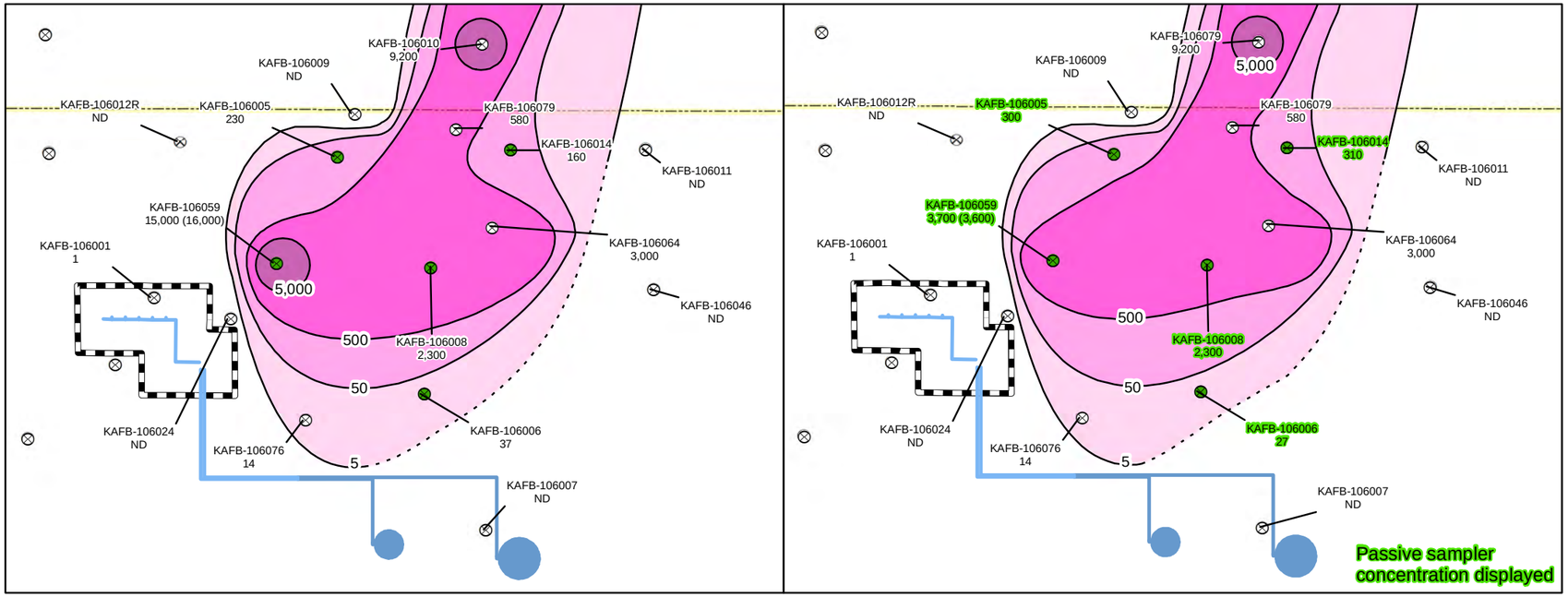
- Q4 2017 Figure E-7-1 – Source Area Well Comparison Locations, Q4 2017

Q4 2017

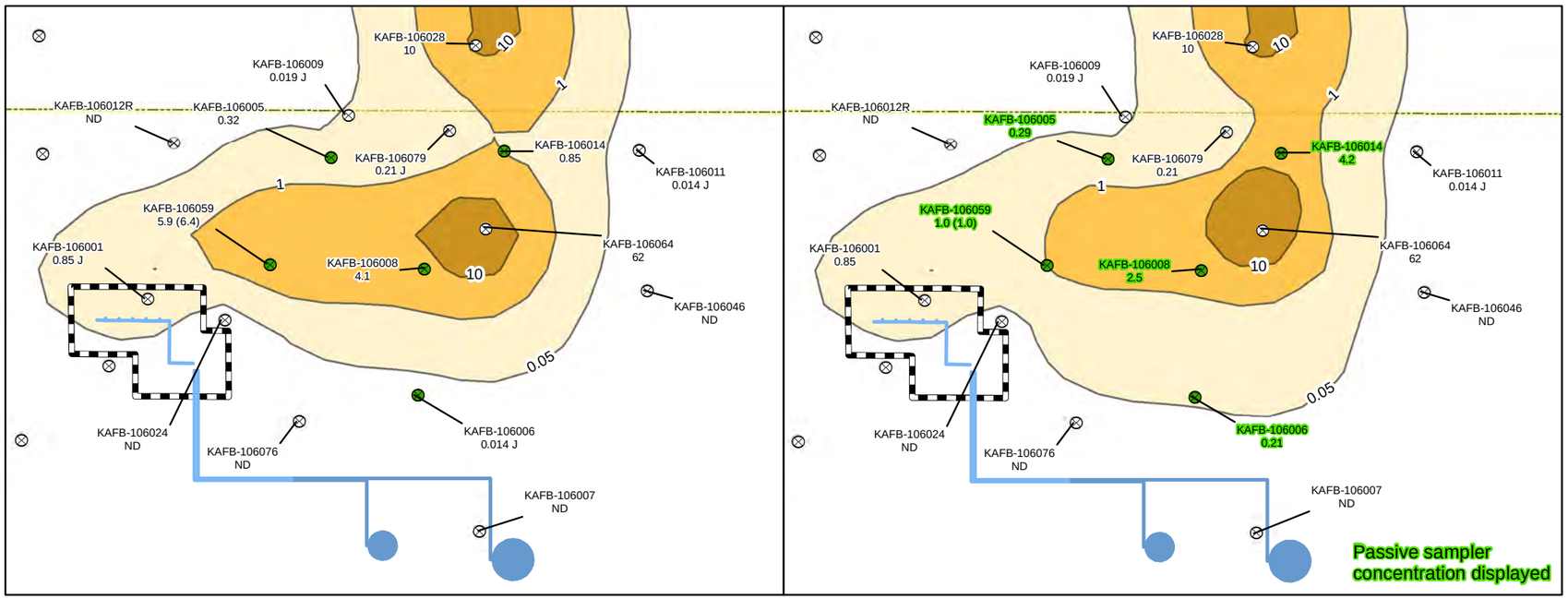
Low Flow Grab Samples

Passive Samples

Benzene



EDB



Legend

- Groundwater Monitoring Well
- Groundwater Monitoring Well used in Source Area Comparison Study
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary
- Former Aboveground Storage Tank
- Source Area

Benzene Concentration Range

- 5.0 (EPA MCL) - 50 µg/L
- 50 - 500 µg/L
- 500 - 5,000 µg/L
- 5,000 - 15,000 µg/L

EDB Concentration Range

- 0.05 (EPA MCL) - 1.0 µg/L
- 1.0 - 10 µg/L
- 10 - 50 µg/L

Notes:
Monitoring wells used in comparison study:
KAFB-106005, KAFB-106006, KAFB-106008,
KAFB-106014, and KAFB-106059.
EDB plume based on model generated with
C-Tech MVS Premier Version 9.94.
Values in parentheses are duplicate sample results.
All units are measured in µg/L.
µg/L = micrograms per liter
EDB = ethylene dibromide
ND = nondetect
Q4 = quarter 4
Qualifer(s):
J = denotes the analyte was positively identified,
but the associated numerical value is estimated.

N

0 200 400 800

Feet

1 inch = 400 feet

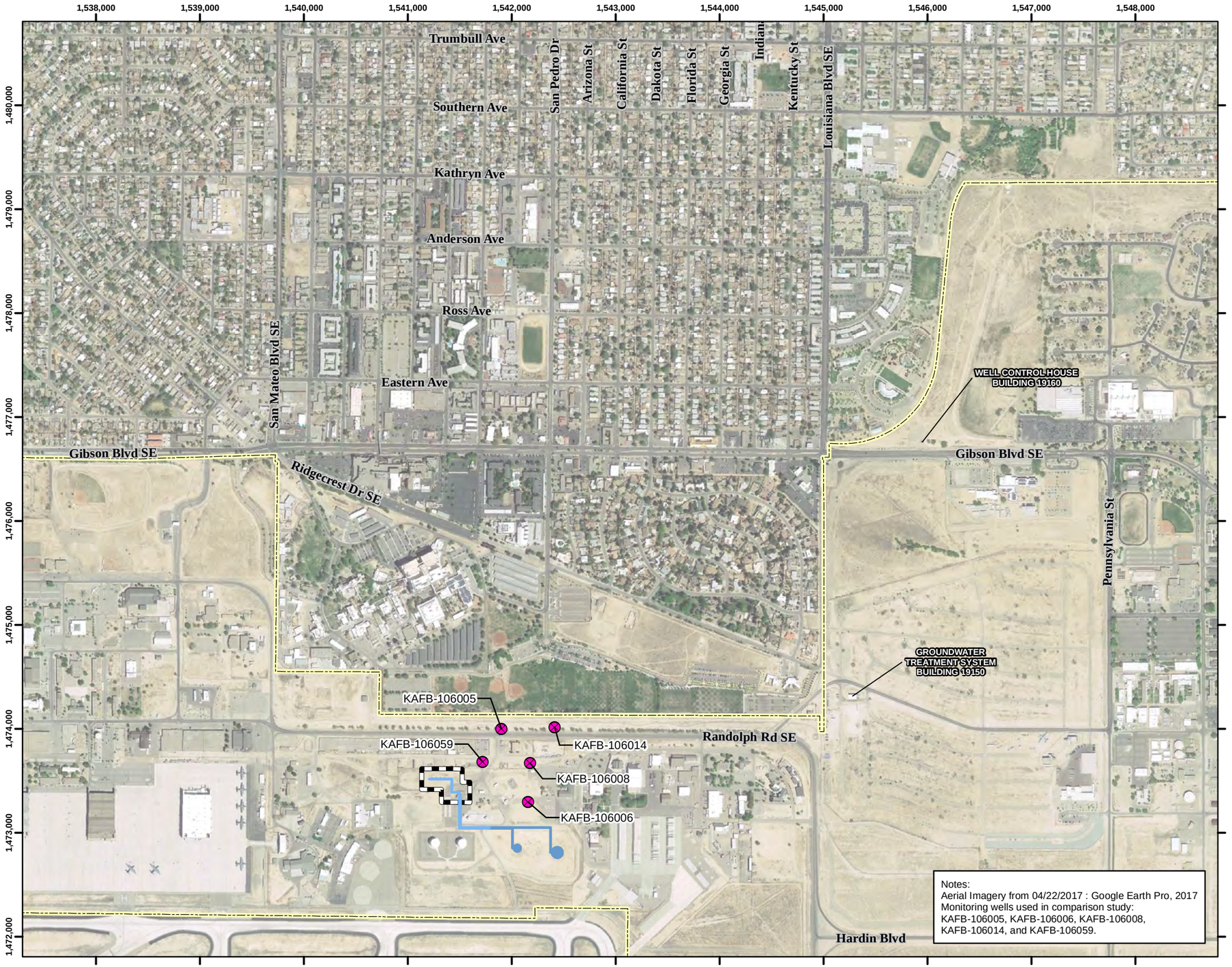
Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

QUARTERLY AND ANNUAL REPORT
OCTOBER - DECEMBER 2017
BULK FUELS FACILITY
SOLID WASTE MANAGEMENT UNIT ST-106/SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 3-23

SOURCE AREA WELL COMPARISON
BETWEEN LOW FLOW SAMPLES AND
PASSIVE SAMPLERS IN REI 4857, Q4 2017

P:\gis\Projects\Kirtland\Figures\BFF Quarterly Report\2017_Q4\Section 3\3-23 EDB Benzene Comparison Q4 2017.mxd 2/28/2018 EA sbusby

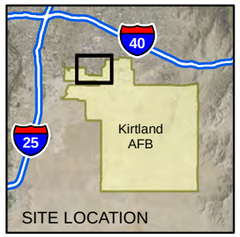


Notes:
Aerial Imagery from 04/22/2017 : Google Earth Pro, 2017
Monitoring wells used in comparison study:
KAFB-106005, KAFB-106006, KAFB-106008, KAFB-106014, and KAFB-106059.

P:\gis\Projects\Kirtland\Figures\BFF Quarterly Report\2017_Q4\Comparison Study\E-7-1 Source Area Comparison Wells Q4 2017.mxd 2/21/2018 EA sbusby

Legend

- Groundwater Monitoring Well used in Source Area Comparison Study
- Former Aboveground Storage Tank
- Former Buried Fuel Transfer Line
- Former Aboveground Fuel Transfer Line
- Installation Boundary
- Source Area



N

0 500 1,000 2,000
Feet

Projection: NAD83 State Plane New Mexico Central FIPS3002 Feet

QUARTERLY AND ANNUAL REPORT
OCTOBER - DECEMBER 2017
BULK FUELS FACILITY
SOLID WASTE MANAGEMENT UNIT ST-106/SS-111
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE E-7-1

SOURCE AREA WELL COMPARISON LOCATIONS, Q4 2017

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Table 3-4
Groundwater Monitoring Wells Included in Q4 2016 Monitoring Activities

Well Location ID	Reference Elevation Interval (ft AMSL)	Installation Date	Date Sampled	Screen Interval[a] (ft bgs)	Screen Interval[a] (AMSL)	Dedicated Sampling System (Yes/No)?	Screen Submerged (Yes/No)?	Estimated Pump Intake Depth (ft bags)[b]	Analytical Suite[c]
Groundwater Monitoring Wells									
KAFB-3411	4857	11/10/1999	11/16/2016	461-504	4879-4836	No	Yes	505.31	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106001	4857/4838	11/10/2000	11/10/2016	483-508	4859-4834	No	Yes	487.83	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106002	4857	3/26/2002	10/20/2016	479-504	4861-4836	Yes	Yes	503.99	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106007	4857	11/14/2007	10/31/2016	484-509	4860-4835	Yes	Yes	504.07	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106015	4857/4838	10/14/2008	10/25/2016	485-510	4855-4830	No	Yes	490.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106016	4857	10/17/2008	10/24/2016	475-500	4864-4839	Yes	Yes	494.73	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106019	4857/4838	12/9/2008	11/7/2016	493-518	4859-4834	No	Yes	497.95	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106020	4857	12/19/2008	10/25/2016	482-507	4859-4834	No	Yes	484.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106021	4857/4838	6/7/2009	10/5/2016	458-483	4856-4831	No	Yes	460.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106022	4857/4838	6/12/2009	10/13/2016	462-487	4856-4831	Yes	Yes	483.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106023	4857	6/27/2009	11/10/2016	473-498	4856-4831	No	Yes	475.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106024	4857	8/3/2009	11/2/2016	481-506	4862-4837	Yes	Yes	502.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106025	4857/4838	12/5/2010	10/5/2016	465-490	4852-4827	No	Yes	467.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106027	4857	5/1/2010	10/24/2016	481-501	4864-4844	Yes	Yes	490.59	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106035	4857	8/9/2011	10/27/2016	452-482	4869-4839	No	No	474.35	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106036	4838	8/5/2011	10/27/2016	481-496	4841-4826	No	Yes	483.80	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106037	4838	7/14/2011	11/8/2016	507-522	4815-4800	No	Yes	509.21	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106039	4838	7/26/2011	10/27/2016	508-523	4840-4825	No	Yes	513.50	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106040	4814	7/19/2011	10/29/2016	530-545	4817-4802	No	Yes	536.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106042	4857	5/31/2011	11/10/2016	469-484	4855-4840	No	Yes	471.06	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106043	4814	5/18/2011	10/10/2016	543-558	4781-4766	Yes	Yes	550.60	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106044	4838	1/7/2011	10/24/2016	504-519	4842-4827	Yes	Yes	511.70[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106045	4814	1/17/2011	11/14/2016	528-543	4817-4802	No	Yes	535.80[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106046	4857	4/8/2011	10/31/2016	490-510	4863-4843	Yes	Yes	504.95	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106047	4838	4/8/2011	10/31/2016	512-527	4841-4826	Yes	Yes	519.55	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106048	4814	4/8/2011	11/15/2016	535-550	4818-4803	No	Yes	537.50	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106052	4857	7/25/2011	10/12/2016	449-479	4870-4840	Yes	Yes	472.28	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106053	4838	7/11/2011	10/12/2016	478-493	4841-4826	Yes	Yes	486.10	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106054	4814	6/28/2011	10/12/2016	504-519	4814-4799	Yes	Yes	511.60	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106055	4857	6/24/2011	10/12/2016	465-485	4860-4840	Yes	Yes	479.90	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106057	4838	6/19/2011	10/12/2016	484-499	4841-4826	Yes	Yes	493.05	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106058	4814	6/14/2011	10/13/2016	511-526	4815-4800	Yes	Yes	518.07	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106070	4857	5/23/2011	10/17/2016	460-485	4858-4833	Yes	Yes	474.85	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106071	4814	5/13/2011	10/18/2016	548-563	4773-4758	Yes	Yes	555.43	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106072	4838	5/1/2011	11/3/2016	475-495	4844-4824	No	Yes	477.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106073	4838	5/5/2011	11/14/2016	499-514	4841-4826	No	Yes	501.74	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106074	4814	4/28/2011	11/14/2016	569-584	4772-4757	No	Yes	571.56	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106075	4857	4/17/2011	10/19/2016	480-500	4860-4840	Yes	Yes	494.90	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106082	4857	4/5/2011	11/1/2016	472-492	4863-4843	No	Yes	474.10	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106083	4838	4/15/2011	11/7/2016	495-510	4840-4825	No	Yes	497.62	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106084	4814	4/5/2011	11/1/2016	566-581	4768-4753	No	Yes	571.50	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106085	4857	7/8/2011	10/17/2016	446-476	4871-4841	Yes	No	468.96	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106086	4838	6/26/2011	11/8/2016	476-491	4842-4827	No	Yes	478.03	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106087	4814	6/19/2011	11/8/2016	546-561	4771-4756	No	Yes	548.01	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106088	4857	6/3/2011	10/17/2016	460-480	4864-4844	Yes	Yes	475.06	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106089	4838	5/23/2011	10/15/2016	481-496	4843-4828	Yes	Yes	488.99	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106090	4814	5/23/2011	10/18/2016	555-570	4768-4753	Yes	Yes	562.41	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106091[e]	4857	6/4/2011	10/13/2016 / 12/15/16	454-474	4860-4840	Yes	Yes	468.98	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106092	4838	5/24/2011	10/17/2016	474-489	4840-4825	Yes	Yes	480.35	VOCs, EDB, metals, anions, alkalinity, FP

Table 3-4
Groundwater Monitoring Wells Included in Q4 2016 Monitoring Activities

Well Location ID	Reference Elevation Interval (ft AMSL)	Installation Date	Date Sampled	Screen Interval[a] (ft bgs)	Screen Interval[a] (AMSL)	Dedicated Sampling System (Yes/No)?	Screen Submerged (Yes/No)?	Estimated Pump Intake Depth (ft bags)[b]	Analytical Suite[c]
KAFB-106093	4814	5/24/2011	10/13/2016	544-559	4770-4755	Yes	Yes	550.38	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106094	4857	6/26/2011	10/20/2016	484-504	4861-4841	Yes	Yes	499.11	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106095	4838	6/24/2011	10/19/2016	504-519	4841-4826	Yes	Yes	511.03	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106096	4814	6/7/2011	10/20/2016	576-591	4769-4754	Yes	Yes	583.75	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106103	4838	6/21/2011	10/18/2016	485-500	4844-4829	Yes	Yes	492.46	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106104	4814	6/15/2011	10/18/2016	510-525	4818-4803	Yes	Yes	517.41	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106105	4838	8/19/2011	11/2/2016	484-499	4838-4823	No	Yes	486.06	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106106	4857	8/10/2011	10/11/2016	454-484	4868-4838	Yes	Yes	476.17	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106107	4814	8/30/2011	11/10/2016	510-525	4812-4797	No	Yes	512.27	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106212	4814	2/17/2015	10/31/2016	543-558	4779-4764	No	Yes	453.97	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106213	4857	2/10/2015	10/13/2016	448-478	4877-4847	Yes	No	475.30	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106214	4838	3/9/2015	10/17/2016	478-493	4848-4833	Yes	Yes	490.08	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106215	4814	4/28/2015	11/7/2016	547-562	4779-4764	No	Yes	549.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106219	4857	3/12/2015	10/6/2016	463-493	4877-4847	Yes	No	475.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106220	4838	3/12/2015	10/6/2016	493-508	4847-4832	Yes	Yes	490.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106221	4814	6/5/2015	10/6/2016	561-576	4779-4764	Yes	Yes	554.40	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106225	4857	1/19/2015	10/11/2016	450-480	4876-4846	Yes	No	474.70	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106226	4838	2/3/2015	11/8/2016	480-495	4847-4832	No	Yes	482.14	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106227	4814	5/6/2015	10/11/2016	548-563	4780-4765	Yes	Yes	554.00	VOCs, EDB, metals, anions, alkalinity, FP
Downgradient Proximal Wells									
KAFB-106029	4857	6/4/2011	10/4/2016	451-471	4860-4840	No	Yes	465.35	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106030	4838	5/25/2011	10/4/2016	469-484	4842-4827	Yes	Yes	476.97	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106031	4814	5/25/2011	10/4/2016	496-510	4815-4801	Yes	Yes	502.49	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106032	4857	6/24/2011	10/26/2016	456-476	4862-4842	No	Yes	470.74	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106033	4838	6/24/2011	10/26/2016	477-492	4841-4826	No	Yes	480.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106034	4814	6/24/2011	10/26/2016	502-517	4817-4802	Yes	Yes	509.33	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106049	4857	5/13/2011	10/11/2016	457-477	4859-4839	No	Yes	471.50	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106050	4838	5/2/2011	10/11/2016	474-489	4842-4827	Yes	Yes	482.57	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106051	4814	4/26/2011	10/11/2016	500-515	4816-4801	Yes	Yes	508.87	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106201	4857	10/4/2012	10/10/2016	487-517	4868-4838	No	Yes	502.00[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106202	4838	9/23/2012	10/10/2016	517-532	4838-4823	Yes	Yes	521.77	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106203	4814	9/9/2012	10/10/2016	620-635	4735-4720	Yes	Yes	627.50[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106204	4857	8/29/2012	10/10/2016	462-492	4871-4841	No	No	477.55[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106205	4838	8/21/2012	10/10/2016	492-507	4841-4826	Yes	Yes	500.00[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106206	4814	8/9/2012	10/10/2016	593-608	4741-4726	Yes	Yes	600.85[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106207	4857	8/22/2012	10/25/2016	473-503	4872-4842	No	No	488.00[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106208	4838	8/16/2012	10/10/2016	503-518	4841-4826	No	Yes	510.50[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106209	4814	8/7/2012	10/25/2016	603-617	4741-4727	No	Yes	610.00[d]	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106216	4857	2/10/2015	10/13/2016	455-485	4879-4849	Yes	No	475.08	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106217	4838	2/17/2015	11/7/2016	485-500	4849-4834	No	Yes	487.06	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106218	4814	5/26/2015	10/13/2016	552-567	4781-4766	Yes	Yes	554.58	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106222	4857	1/15/2015	10/12/2016	458-488	4875-4845	Yes	No	475.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106223	4838	2/17/2015	10/12/2016	488-503	4846-4831	Yes	Yes	489.50	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106224	4814	5/15/2015	10/12/2016	555-570	4780-4765	Yes	Yes	554.58	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106231	4857	9/8/2015	10/3/2016	440-475	4887-4852	Yes	No	470.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106232	4814	9/1/2015	10/3/2016	503-518	4824-4809	No	Yes	503.00	VOCs, EDB, metals, anions, alkalinity, FP
Veterans Affairs Proximal Wells									
KAFB-106003	4857	1/25/2003	10/24/2016	476-501	4861-4836	No	Yes	501.70	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106004	4857	1/4/2006	11/15/2016	484-509	4859-4834	No	Yes	488.77	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106013	4857	9/19/2008	11/9/2016	486-511	4862-4837	No	Yes	491.72	VOCs, EDB, metals, anions, alkalinity, FP

Table 3-4
Groundwater Monitoring Wells Included in Q4 2016 Monitoring Activities

Well Location ID	Reference Elevation Interval (ft AMSL)	Installation Date	Date Sampled	Screen Interval[a] (ft bgs)	Screen Interval[a] (AMSL)	Dedicated Sampling System (Yes/No)?	Screen Submerged (Yes/No)?	Estimated Pump Intake Depth (ft bags)[b]	Analytical Suite[c]
KAFB-106097	4838	4/27/2011	11/9/2016	506-521	4842-4827	No	Yes	508.14	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106098	4814	4/17/2011	11/9/2016	531-546	4817-4802	No	Yes	533.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106099	4838	5/12/2011	11/2/2016	501-516	4842-4827	No	Yes	503.11	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106100	4814	5/3/2011	10/19/2016	526-541	4817-4802	No	Yes	533.47	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106101	4838	2/21/2011	10/24/2016	496-511	4841-4826	No	Yes	503.22	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106102	4814	3/3/2011	11/1/2016	521-534	4816-4803	No	Yes	526.00	VOCs, EDB, metals, anions, alkalinity, FP
Source Area Wells									
KAFB-106005	4857	1/22/2007	11/15/2016	479-504	4865-4840	No	Yes	484.04	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106006	4857	10/31/2007	11/8/2016	483-508	4866-4841	No	Yes	484.60	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106008	4857	11/21/2007	11/17/2016	486-511	4863-4838	No	Yes	491.10	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106009	4857	11/28/2007	11/3/2016	480-505	4865-4840	No	Yes	485.70	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106010	4857	12/6/2007	11/16/2016	483-508	4860-4835	No	Yes	485.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106011	4857	9/23/2008	10/24/2016	486-511	4864-4839	Yes	Yes	505.83	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106012R	4857	4/23/2014	11/8/2016	465-495	4877-4847	No	No	495.52	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106014	4857	10/3/2008	11/16/2016	486-511	4861-4836	No	Yes	491.17	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106028	4857	3/19/2012	10/19/2016	486-510	4863-4839	Yes	Yes	506.80	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106059	4857	4/7/2011	11/14/2016	483-503	4862-4842	No	Yes	488.60	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106060	4838	4/16/2011	10/20/2016	503-518	4842-4827	Yes	Yes	510.29	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106061	4814	4/8/2011	10/20/2016	573-588	4772-4757	Yes	Yes	580.20	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106062	4814	3/19/2011	10/24/2016	575-590	4773-4758	Yes	Yes	582.70	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106063	4838	4/8/2011	11/2/2016	505-520	4844-4829	No	Yes	510.38	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106064	4857	3/24/2011	11/15/2016	485-505	4863-4843	No	Yes	490.18	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106065	4838	5/17/2011	10/19/2016	508-523	4841-4826	Yes	Yes	515.35	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106066	4814	5/16/2011	10/19/2016	575-590	4774-4759	Yes	Yes	583.06	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106067	4857	5/11/2011	10/19/2016	485-505	4863-4843	Yes	Yes	499.99	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106068	4814	5/2/2011	10/17/2016	580-595	4767-4752	Yes	Yes	587.41	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106069	4838	5/1/2011	11/1/2016	506-521	4841-4826	No	Yes	508.08	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106076	4857	4/8/2011	11/21/2016	480-500	4865-4845	No	Yes	482.14	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106077	4838	4/8/2011	11/16/2016	504-519	4841-4826	No	Yes	506.00	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106078	4814	4/8/2011	11/16/2016	573-588	4772-4757	Yes	Yes	581.01	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106079	4857	3/22/2011	10/20/2016	483-503	4864-4844	Yes	Yes	498.78	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106080	4838	4/17/2011	10/20/2016	503-518	4843-4828	Yes	Yes	511.77	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106081	4814	4/16/2011	10/20/2016	574-589	4772-4757	Yes	Yes	582.34	VOCs, EDB, metals, anions, alkalinity, FP
Signal Wells									
KAFB-106017	4857/4838	11/19/2008	10/18/2016	482-507	4857-4832	Yes	Yes	501.56	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106018	4857/4838	11/24/2008	10/18/2016	476-501	4857-4832	Yes	Yes	495.70	VOCs, EDB, metals, anions, alkalinity, FP
KAFB-106038	4857	8/5/2011	11/15/2016	478-508	4870-4840	No	No	509.27	VOCs, EDB, metals, anions, alkalinity, FP

Table 3-4
Groundwater Monitoring Wells Included in Q4 2016 Monitoring Activities

[a] Screen interval is rounded to the nearest foot.
[b] Portable equipment sampling depths are estimated to the nearest half foot due to slight inaccuracies with the mechanism measuring the pump setting in the field
[c] The analytical methods for EDB and VOCs are 8011 and 8260C, respectively. Metals analyses consisted of select total metals (arsenic, calcium, lead, potassium, magnesium, and sodium by analytical method 6020A/6010C and select and dissolved metals (iron and manganese) (6010C). Anions analysis consisted of ammonia by method 4500NH3B/C, bromide by method 300.0A, chloride by method 300.0A, nitrate/nitrite nitrogen by method 353.2, sulfate by method 300.0A, and sulfide by method 4500 S2CF. FP include pH, specific conductivity, dissolved oxygen, oxidation reduction potential, temperature, and turbidity.
[d] Pump setting estimated as half-way between top and bottom of screen.
[e] Due to fuel contamination at the location of well at KAFB-106091, the well was resampled for EDB, benzene, ethylbenzene, toluene, and total xylenes on December 15, 2016
AMSL = above mean sea level
bgs = below ground surface
EDB = ethylene dibromide
FP = field parameter
ft = foot/feet
ID = identification
Q = quarter
VOC = volatile organic compound

Table 3-14
Comparison of Analytical Results between Bennett Pumps and Passive Samplers in Source Area Wells, Q4 2017

		Well Location ID:		KAFB-106005			KAFB-106006			KAFB-106008		
		Sample Date:		10/23/2017	10/18/2017		10/19/2017			10/20/2017		
		Field Sample ID:		GW005-174	GW005-174D		GW006-174	GW006-174D		GW008-174	GW008-174D	
		Sample Collection Method:		Bennett Pump	DMS[a]		Bennett Pump	DMS[a]		Bennett Pump	DMS[a]	
Parameter	Analytical Method	Analyte	Project Screening Level[d]	Result[b]	Result[b]	Relative Percent Difference[c]	Result[b]	Result[b]	Relative Percent Difference[c]	Result[b]	Result[b]	Relative Percent Difference[c]
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.05	0.32	0.29	10	0.014 J	0.21	175	4.1	2.5	48
VOCs	Method SW8260C (µg/L)	Benzene	5	230	300	26	37	27	31	2300	2300	0
		Ethylbenzene	700	29	35	19	3	3	0	120	190	45
		Toluene	750	4	3	29	7	0.6 J	168	1700	2000	16
		Xylenes, Total	620	63	75	17	2	< 1 U	NA	310	490	45
Total Metals	Method SW6010C (mg/L)	Calcium	NS	250	243	3	35.2	35.0	1	121	138	13
		Iron, dissolved	1.0	0.164 J	0.189 J	14	0.390 J	0.610	44	3.58	3.55 J	1
		Magnesium	NS	39.7	38.5	3	5.46	5.51	1	20.0	22.5	12
		Manganese, dissolved	0.2	0.136	0.0905	40	0.702	0.798	13	5.80	6.80	16
		Potassium	NS	5.42	5.22	4	2.08	2.01	3	3.31	3.54	7
		Sodium	NS	80.9	77.8	4	22.5	22.1	2	34.8	36.7	5
	Method SW6020A (mg/L)	Arsenic	0.01	< 0.0020 U	< 0.0020 U	NA	0.0010 J	< 0.0020 U	NA	0.00080 J	< 0.0020 U	NA
		Lead	0.015	0.00015 J	< 0.00025 U	NA	< 0.00025 U	< 0.00025 U	NA	< 0.00025 U	0.00030 J	NA
Anions	Method E300.0 (mg/L)	Bromide	NS	3.8	3.5	8	< 2.5 U	< 2.5 U	NA	1.9 J	2.0 J	5
		Chloride	250	211 J	217	3	9.7	9.3	4	16.0	16.8	5
		Sulfate	250	480	529	10	33.8	33.7	0	3.0 J	2.6 J	14
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[e]	0.50 J	0.062 J	156	0.10 J	0.15 J	40	< 0.10 U	< 0.10 U	NA
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	167 J	134	22	107	106	1	344	371	8
		Alkalinity, carbonate (as CaCO3)	NS	< 5.0 U	< 5.0 U	NA	< 5.0 U	< 5.0 U	NA	< 5.0 U	< 5.0 U	NA
		Alkalinity, total (as CaCO3)	NS	167 J	134	22	107	106	1	344	371	8

Table 3-14
Comparison of Analytical Results between Bennett Pumps and Passive Samplers in Source Area Wells, Q4 2017

		Well Location ID:		KAFB-106014			KAFB-106059					
		Sample Date:		10/20/2017	10/19/2017		10/19/2017					
		Field Sample ID:		GW014-174	GW014-174D		GW059-174	GW059-174D		GW059-574	GW059-574D	
		Sample Collection Method:		Bennett Pump	DMS[a]		Bennett Pump	DMS[a]		Bennett Pump	DMS[a]	
Parameter	Analytical Method	Analyte	Project Screening Level[d]	Result[b]	Result[b]	Relative Percent Difference[c]	Result[b]	Result[b]	Relative Percent Difference[c]	Result[b]	Result[b]	Relative Percent Difference[c]
EDB	Method SW8011 (µg/L)	1,2-dibromoethane	0.05	0.85	4.2	133	5.9	1.0	142	6.4	1.0	146
VOCs	Method SW8260C (µg/L)	Benzene	5	160	310	64	15000	3700	121	16000	3600	127
		Ethylbenzene	700	67	45	39	870	86	164	890	86	165
		Toluene	750	170	2	195	18000	6600	93	18000	6300	96
		Xylenes, Total	620	140	2	194	3000	1700	55	3000	1600	61
Total Metals	Method SW6010C (mg/L)	Calcium	NS	67.2	54.8	20	138	113	20	137	138	1
		Iron, dissolved	1.0	< 0.200 U	< 0.200 U	NA	7.38	5.98	21	7.28	5.98	20
		Magnesium	NS	10.2	8.83	14	24.7	20.3	20	24.5	24.7	1
		Manganese, dissolved	0.2	1.19	1.91	46	4.07	3.45	16	4.08	3.49	16
		Potassium	NS	2.79	2.32	18	3.99	3.47	14	3.94	3.99	1
		Sodium	NS	30.4	25.6	17	41.1	34.8	17	40.6	42.1	4
	Method SW6020A (mg/L)	Arsenic	0.01	< 0.0020 U	< 0.0020 U	NA	0.0024 J	0.0020 J	18	0.0023 J	0.0017 J	30
		Lead	0.015	< 0.00025 U	< 0.00025 U	NA	< 0.00025 U	< 0.00025 U	NA	< 0.00025 U	< 0.00025 U	NA
Anions	Method E300.0 (mg/L)	Bromide	NS	1.8 J	1.6 J	12	2.3 J	2.2 J	4	2.3 J	2.0 J	14
		Chloride	250	55.0	23.7	80	61.4	52.6	15	61.0	47.4	25
		Sulfate	250	21.0	17.1	20	< 5.0 U	< 5.0 U	NA	< 5.0 U	3.0 J	NA
	Method E353.2 (mg/L)	Nitrate/Nitrite Nitrogen	10[e]	< 0.10 U	0.79 J	NA	< 0.10 U	< 0.10 U	NA	< 0.10 U	< 0.10 U	NA
Alkalinity	Method SM2320B (mg/L)	Alkalinity, bicarbonate (as CaCO3)	NS	165	168	2	403	382	5	406	372	9
		Alkalinity, carbonate (as CaCO3)	NS	< 5.0 U	< 5.0 U	NA	< 5.0 U	< 5.0 U	NA	< 5.0 U	< 5.0 U	NA
		Alkalinity, total (as CaCO3)	NS	165	168	2	403	382	5	406	372	9

Table 3-14
Comparison of Analytical Results between Bennett Pumps and Passive Samplers in Source Area Wells, Q4 2017

[a] Sample aliquots were collected using dual-membrane samplers.

[b] Nondetect results are reported less than the LOD.

[c] RPD is calculated as (A-B) / (A+B/2) X 100 where the Bennett pump result is A and the DMS result is B.

-- = sample not analyzed for this parameter

DMS = dual-membrane sampler

EDB = ethylene dibromide (1,2-dibromoethane)

LOD = limit of detection

LOQ = limit of quantitation

NA = RPD is not calculated if both results are nondetect or if one or both of the results are below the LOQ.

RPD = relative percent difference

VOC = volatile organic compound

Shaded = RPD value exceeds 35 percent field duplicate sample precision criteria (Kirtland AFB Quality Assurance Project Plan for Bulk Fuels Facility Expansion of the Dissolved-Phase Plume Groundwater Treatment System Design Solid Waste Management Unit ST-106/SS-111 (USAF 2016)

Qualifiers:

J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

U = Qualifier denotes the analyte is not detected above the detection limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 3-15
Comparison of Analytical Results between YSI and Aqua-Troll Parameter Readings for Source Area Wells, Q4 2017

		Well Location ID:		KAFB-106005			KAFB-106006			KAFB-106008			KAFB-106014		
		Sample Date:		10/23/2017	10/18/2017		10/19/2017	10/19/2017		10/20/2017	10/18/2017		10/20/2017	10/19/2017	
		Sample Depth (ft bgs):		483			486			490			490		
		Reference Elevation Interval		4857			4857			4857			4857		
Parameter	**Analyte**	**NMAC NMWQCC[a]**	**Project Screening Level[b]**	**YSI**	**Aqua-troll**	**Relative Percent Difference**	**YSI**	**Aqua-troll**	**Relative Percent Difference**	**YSI**	**Aqua-troll**	**Relative Percent Difference**	**YSI**	**Aqua-troll**	**Relative Percent Difference**
Field Parameters	Turbidity	NS	NS	10.9	3.63	100.1	2.65	1.43	59.8	9.07	1.5	143.2	3.66	3.00	19.8
	Temperature (°C)	NS	NS	18.3	19.77	7.7	19.9	20.43	2.6	17.50	19.82	12.4	18.80	19.68	4.6
	DO (mg/L)	NS	NS	0.6	0.07	156.9	2.94	.64	128.5	0.28	0.07	120.0	0.32	0.20	46.2
	Spec Cond (µS/cm)	NS	NS	2463	1590.6	43.0	334.5	329.46	1.5	882.00	967.87	9.3	618.00	467.64	27.7
	pH (S.U.)	NS	NS	7.06	7.03	0.4	7.57	7.51	0.8	6.95	6.89	0.9	7.44	7.16	3.8
	ORP (mV)	NS	NS	-154.90	-270.9	54.5	-161.10	-169.50	5.1	-113.30	-152.10	29.2	-210.60	-194.30	8.1

Table 3-15
Comparison of Analytical Results between YSI and Aqua-Troll Parameter Readings for Source Area Wells, Q4 2017

		Well Location ID:		KAFB-106059		
		Sample Date:		10/19/2017	10/19/2017	
		Sample Depth (ft bgs):		488		
		Reference Elevation Interval		4857		
Parameter	**Analyte**	**NMAC NMWQCC[a]**	**Project Screening Level[b]**	**YSI**	**Aqua-troll**	**Relative Percent Difference**
Field Parameters	Turbidity	NS	NS	1.66	273.15	197.6
	Temperature (°C)	NS	NS	20.2	19.99	1.0
	DO (mg/L)	NS	NS	0.58	.77	28.1
	Spec Cond (µS/cm)	NS	NS	1016	896.17	12.5
	pH (S.U.)	NS	NS	7.24	6.78	6.6
	ORP (mV)	NS	NS	-134.8	-77.5	54.0

Table 3-15
Comparison of Analytical Results between YSI and Aqua-Troll Parameter Readings for Source Area Wells, Q4 2017

[a] NMWQCC numeric standards per the NMAC Title 20.6.2.3101A, Standards for Groundwater of 10,000 mg/L Total Dissolved Solids Concentration or Less (NMAC 2004). For metals,

[b] The project screening level was selected to satisfy the requirements of the Kirtland AFB Hazardous Waste Permit Number NM9570024423 as the lowest of (1) NMWQCC numeric standard or (2) EPA MCL. If no NMQWCC standard or MCL exists for any analyte, then the project screening level will be the EPA RSL.

µg/L = microgram per liter
µS/cm = microsiemens per centimeter
ºC = degree Celsius
EPA = U.S. Environmental Protection Agency
ID = identification
NMAC = New Mexico Administrative Code
NMWQCC = New Mexico Water Quality Control Commission
REG = normal field sample
Spec Cond = Specific Conductivity
S.U. = standard unit

Table 3-1
Groundwater Monitoring Program

Location ID	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Monitoring Well Objective[h,g]
Newly Added Wells[a]					
KAFB-106041[b,d]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106149-484[b,e]	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106151-484[b,e]	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106152-484[b,e]	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106153-484[b,e]	EDB, metals anions, alkalinity	BTEX, EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106235-463[b,f]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106235-492[b,f]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106235-521[b,f]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106236-461[b,f]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106236-490[b,f]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	NA
KAFB-106236-519[b,f]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106240-449[b,g]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106241-428[b,g]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106242-418[b,g]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106243-425[b,g]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106244-445[b,g]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
KAFB-106245-460[b,g]	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, metals anions, alkalinity	EDB, VOCs, metals anions, alkalinity	NA
Groundwater Monitoring Wells[a]					
KAFB-106001	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106002	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106003	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106004	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106005[b]	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106006	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106007	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106008	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106009[b]	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	BTEX, EDB, metals, anions, alkalinity	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106010	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106011	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106012R	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, metals, anions, alkalinity, FP	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106013	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106014	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106015[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106016	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106017	None	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Signal
KAFB-106018	None	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Signal
KAFB-106019	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106020	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106021[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106022[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106023[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106024	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106025[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106026[c]	--	--	--	--	Groundwater Monitoring
KAFB-106027	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106028	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106029[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106030[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal

Table 3-1
Groundwater Monitoring Program

Location ID	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Monitoring Well Objective[h,g]
Groundwater Monitoring Wells[a]					
KAFB-106031[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106032[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106033[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106034[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106035[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106036[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106037[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106038	None	BTEX, Naphthalene, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Signal
KAFB-106039	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106040	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106042[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106043[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106044	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106045	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106046	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106047	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106048	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106049[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106050[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106051[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106052[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106053[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106054[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106055[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106057[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106058[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106059	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106060	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106061	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106062	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106063	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106064	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106065	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106066	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106067	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106068	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106069	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106070[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106071[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106072[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106073	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106074	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106075	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106076	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106077	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106078	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106079[b]	None	BTEX, EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Source Area
KAFB-106080	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area

Table 3-1
Groundwater Monitoring Program

Location ID	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Monitoring Well Objective[h,g]
Groundwater Monitoring Wells[a]					
KAFB-106081	None	BTEX, EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Source Area
KAFB-106082	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106083	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106084	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106085[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106086[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106087[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106088[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106089[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106090[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106091[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106092[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106093[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106094	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106095[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106096	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring
KAFB-106097	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106098	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106099	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106100	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106101	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106102	BTEX, EDB, FP	BTEX, EDB, metals, anions, alkalinity, FP	BTEX, EDB, FP	EDB, VOCs, metals, anions, alkalinity, FP	VA Proximal
KAFB-106103[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106104[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106105[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106106[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106107[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106201[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106202[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106203[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106204[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106205[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106206[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106207[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106208[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106209[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106212[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106213[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106214[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106215[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106216[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106217[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106218[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106219[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106220[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106221[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106222[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal

Table 3-1
Groundwater Monitoring Program

Location ID	1st Quarter (January-March)	2nd Quarter Semiannual (April-June)	3rd Quarter (July-September)	4th Quarter Annual (October-December)	Former Well Designation and Monitoring Well Objective[h,g]
Groundwater Monitoring Wells[a]					
KAFB-106223[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106224[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106225[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106226[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106227[b]	None	EDB, metals, anions, alkalinity	None	EDB, VOCs, metals, anions, alkalinity	Groundwater Monitoring
KAFB-106230[c]	--	--	--	--	Groundwater Monitoring
KAFB-106231[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-106232[b]	EDB	EDB, metals, anions, alkalinity	EDB	EDB, VOCs, metals, anions, alkalinity	Downgradient Proximal
KAFB-3411	None	EDB, metals, anions, alkalinity, FP	None	EDB, VOCs, metals, anions, alkalinity, FP	Groundwater Monitoring

Table 3-1
Groundwater Monitoring Program

[a] The groundwater monitoring network consists of 149 wells that are currently sampled under Solid Waste Management Unit ST106/SS-111. Select wells are identified for additional or more frequent monitoring of risk-driving constituents. Metals analysis consists of select total metals (arsenic, calcium, lead, potassium, magnesium, and sodium) and select dissolved metals (iron and manganese). Anions analysis consists of bromide, chloride, nitrate/nitrite nitrogen, and sulfate. Field parameters include pH, specific conductivity, dissolved oxygen, oxidation reduction potential, temperature, and turbidity.

[b] Well sampled with passive sampling methodology; field parameter measurements are not representative and therefore are not collected.

[c] Well no longer sampled due to safety concerns.

[d] Newly added to the groundwater monitoring network in fourth quarter 2017.

[e] Newly added to the groundwater monitoring network in first quarter 2018.

[f] Newly installed groundwater monitoring well that was completed in fourth quarter 2016.

[g] Newly installed groundwater monitoring well that was completed in third quarter 2018.

[h] In previous reports, groundwater monitoring wells were designated based on their location related to groundwater gradient and the EDB plume or on their location, i.e. “downgradient”, “source area”, etc. However, due to the changing regional groundwater gradient (see Quarter 2 2018 Quarterly Monitoring Report [USACE 2018]), these designations are not always appropriate. To simplify and more accurately represent dynamic hydrologic conditions, all groundwater monitorings wells will be designated simply as “groundwater monitoring well” after completing a baseline sampling of four quarters. Prior to the baseline sampling, the wells will be designated as "newly added".

[g] Monitoring Well Objective:
Newly Added Wells—Newly added wells can include both existing wells that are added to the GWM network as well as newly installed wells. Newly added GWM wells require a minimum of four consecutive quarters of baseline full-suite analytical sampling before receiving a designation that determines the long-term sampling regime. These wells have been added to define the plume boundaries and provide additional water table monitoring due to the rising groundwater elevation.

Source Area Wells—Primarily located in the BFF south of Randolph Road SE and proximal to the spill site on-Base. Sampled during Q2 and Q4. These wells monitor the higher concentrations of dissolved-phase plumes on-Base.

Downgradient Proximal Wells—Located north of Ridgecrest Drive SE surrounding the historical EDB plume to the west, north, and east into the distal portion of the GWM network. Analytical data for these wells have been historically below the maximum contaminant level (MCL) for EDB. Sampled every quarter. These wells assist in plume boundary definition.

Veterans Affairs (VA) Proximal Wells—Three sets of nested wells located between the historical EDB plume south of Ridgecrest Drive SE and the Raymond G. Murphy VA Medical Center as a means to detect any potential contaminant migration towards the VA medical campus. Sampled every quarter. These wells provide additional wellhead protection monitoring for the VA supply well.

Signal Wells—Three wells located along the south side of Ridgecrest Drive SE to monitor benzene, toluene, ethylbenzene, and total xylenes (BTEX) and provide early indication if the benzene plume is migrating from the source area into the interim measure target area capture zone created by the groundwater extraction wells. Sampled during Q2 and Q4.

Groundwater Monitoring Wells—Primarily location north of Ridgecrest Drive SE within the historical footprint of the EDB plume. Analytical data from these wells serve to define the volume and mass of the EDB plume throughout the GWM network. Sampled in Q2 and Q4.

BTEX = benzene, toluene, ethylbenzene, and total xylenes

EDB = ethylene dibromide

FP = field parameter
ID = identification

NA = not applicable

VOC = volatile organic compound

USACE. 2018. *Quarterly Monitoring Report April-June 2018, Bulk Fuels Facility, SWMU ST-106/SS-111.*
Prepared by EA Engineering, Science, and Technology, Inc., PBC for the USACE–Albuquerque District under USACE Contract No. W912WR-12-D-0006. September.

APPENDIX C-1

DATA QUALITY EVALUATION REPORT – SOIL VAPOR MONITORING (APRIL–JUNE 2021)

LIST OF ACRONYMS AND ABBREVIATIONS

µg/m3	microgram(s) per cubic meter
%	percent
AFB	Air Force Base
ALS	ALS Environmental
DL	detection limit
DoD	Department of Defense
EPA	U.S. Environmental Protection Agency
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOD	limit of detection
LOQ	limit of quantitation
Q2	second quarter of the year (April 1 – June 30)
QAPjP	Quality Assurance Project Plan
QC	quality control
RPD	relative percent different
SDG	sample delivery group
VOC	volatile organic compound

C-1.1 DATA QUALITY EVALUATION REPORT – SOIL VAPOR MONITORING (APRIL–JUNE 2021)

C-1.1.1 Laboratory Data Quality Summary

This Data Quality Evaluation Report describes the findings of the data validation performed for the analysis of soil vapor samples collected during April-June 2021 (quarter 2 [Q2]). These data were collected in support of the Work Plan for Vadose Zone Coring, Vapor Monitoring, and Water Supply Sampling, Bulk Fuels Facility, Solid Waste Management Units ST-106 and SS-111, Kirtland Air Force Base (AFB), New Mexico (Kirtland AFB, 2017). Sampling and analysis for the Q2 2021 event were conducted in accordance with the procedures and overall quality control (QC) and quality assurance protocols presented in the Work Plan and Quality Assurance Project Plan (QAPjP) for Bulk Fuels Facility Vadose Zone Treatability Studies, Solid Waste Management Units ST-106/SS-111, Kirtland AFB, New Mexico (Kirtland AFB, 2017).

Samples discussed in this report were collected during the period of April 5 through June 24, 2021, in association with the Kirtland AFB semiannual soil vapor monitoring program. Sampling was conducted at 299 soil vapor monitoring wells and included the collection of 30 field duplicate samples.

Soil vapor samples were shipped to ALS Environmental (ALS), Simi Valley, California for analysis. ALS maintains current Department of Defense (DoD) Environmental Laboratory Accreditation Program certification for the required analysis in support of this project. Sample analysis was performed in accordance with the U.S. Environmental Protection Agency (EPA) Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Method TO-15.

Chemical analytical data for the Q2 2021 event was reported by ALS in 17 sample delivery groups (SDGs). Appendix C-1 – Table 1 summarizes samples collected from the soil vapor monitoring wells and the associated field QC samples, collection date, laboratory SDG, and analytical method for the Q2 semiannual event.

A third-party subcontractor (Environmental Data Services, Inc., Palm Gardens, Florida) conducted EPA Stage 3 data validation on a minimum 23 percent (%) of the Q2 2021 sample data per the QAPjP requirement. All data underwent data verification for completeness and compliance to project requirements. The data that underwent the Stage 3 validation were included in ten SDGs (2101875, 2101894, 2101896, 2101897, 2101902, 2102356, 2102357, 2102358, 2102359, 2103567). Analytical data validation was performed using the quality criteria specified in the following documents, analytical guidelines, and methods:

- Work Plan and QAPjP (Kirtland AFB, 2017)
- EPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review (EPA, 2014)
- EPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Method TO-15 (EPA, 1999).

The following QC criteria were included in the EPA Stage 3 validation as applicable to the analytical method:

- Sample preservation and extraction and analysis holding times

- Canister certification and pressure differences
- Canister certification blank
- Laboratory method blank
- Surrogate spike recoveries
- Laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries
- Relative percent difference (RPD)
- Initial and continuing calibrations
- Internal standard area
- Field duplicate sample precision.

Analytical data were reviewed to evaluate precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity as defined below:

- *Precision* is expressed as the RPD between the results of replicate sample analyses: sample duplicates and LCSDs. When analyte RPDs exceed the acceptance criteria, the data are qualified accordingly.

- *Accuracy (bias*) is demonstrated by recovery of target analytes from fortified blank and sample matrices such as the LCS/LCSD samples. For organic methods, bias is also demonstrated through recovery of surrogates from each field and QC sample. A comparison was made from the recovery of target analytes from fortified samples to the acceptance criteria defined in the QAPjP (Kirtland AFB, 2017). When the acceptance criteria are not available in the QAPjP, results are compared with the laboratory in-house control limits. When these criteria are not met, the data are qualified accordingly. Bias may be indicated as high or low.

- *Representativeness* of the samples submitted for analysis is ensured by adherence to standard sampling techniques and standard analytical method protocols.

- *Comparability* of sample results is ensured through the use of approved sampling and analysis methods and comparison of sample results to historical sample data.

- *Completeness* of data is evaluated based on contractual, analytical, and technical completeness for the monthly supply well data. Technical completeness of data is used to assess overall project completeness and is expressed as a percentage of the ratio of the number of usable data results to the total number of analytical data results. Only rejected data (R-qualified) are considered not usable to achieve project objectives.

- *Sensitivity* is determined by the ability to achieve the established method-specific reporting limits in accordance with DoD Quality Systems Manual Version 5.3 (DoD, 2019) requirements and includes establishing the detection limit (DL), limit of detection (LOD), and limit of quantitation (LOQ). For this project, the laboratory reported positive results to the DL and flagged with a “J” qualifier, signifying estimated data. Non-detect results were reported at the LOD with a “U” qualifier per the QAPjP. Sensitivity will be evaluated based on comparison of the sample reporting limits to the project screening levels.

The following sections present the EPA Stage 3 data validation findings for the Q2 2021 soil vapor sample data. Appendix C-1 – Table 2 presents the data qualification flags and reason codes to be applied to analytical data, if required.

C-1.2 DATA QUALITY FINDINGS

C-1.2.1 Sample Receipt and Analysis Holding Times (Reason Code HT)

The vapor samples were shipped ground to the ALS laboratory. No temperature preservation requirement is applicable to vapor samples. The 30-day sample hold time was evaluated by comparing the sample collection date to the sample analysis date. Sample analysis holding times were met for all samples for Q2 2021.

One sample receipt discrepancy was noted by the laboratory. Based on the pressure of the canister for sample SV139-250-212, it appeared the canister may have had a faulty valve. This sample was not analyzed and recollected on May 19, 2021. In addition, samples SV3-007-212, SV3-015-212, and SV3-272-212 were recollected June 24, 2021, to confirm the results from the initial sampling performed in April 2021.

C-1.2.2 Canister Certification and Laboratory Method Blanks (Reason Code CB/MB)

The soil vapor sample results were evaluated with respect to the canister certification blanks and laboratory method blanks prepared and analyzed for each analytical batch. All volatile organic compound (VOC) analytes were non-detect or less than the one-half the LOQ in the canister certification blank samples in accordance with ALS DoD method certification. No samples were qualified based on method blank or canister blank contamination.

C-1.2.3 Initial and Continuing Calibration Blanks (Reason Code CB/CCB)

Initial and continuing calibration blank criteria were reviewed to ensure that the instruments were free of contamination prior to sample analysis. Calibration blank concentrations are considered acceptable when contaminant levels in the blank are less than one-half the LOQ for target analytes and less than the LOQ for common laboratory contaminants. Initial and continuing calibration blank data were within control criteria for all sample analysis.

C-1.2.4 Surrogate Recoveries (Reason Code SURR)

Surrogate compounds are added to field and laboratory QC samples for organic analysis to evaluate the matrix effect and method performance on an individual sample basis. All surrogate compound recoveries for the soil vapor sample data were within method control criteria.

C-1.2.5 Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries and Precision (Reason Codes LCS/RPD)

The LCS is an aliquot of an analyte-free matrix spiked with target analytes that are prepared with each analytical batch for each analytical method. The recovery of target analytes from the LCS analysis is a measurement of method performance in an interference-free sample matrix. All LCS recoveries for the soil vapor samples were within method control limits with exception of ethyl acetate reported in SDGs 2101875 2101896, 2101897, 2101902, and 2102359; and hexane in SDG 2102357. Sixteen associated sample detections were qualified “J”, signifying estimated results. Appendix C-1 – Table 3 presents the qualified sample results based on LCS recovery.

C-1.2.6 Internal Standard Recoveries (Reason Code IS)

Internal standards are added to all samples including QC samples to monitor the instrumentation sensitivity and response during sample analysis. The internal standard area response and retention times are monitored to ensure they are within the control criteria for the analytical method. All internal standard recoveries were within control limits for the Q2 2021 sample data.

C-1.2.7 Initial and Continuing Calibration Verification (Reason Code CCV)

Instrument calibration is performed for all analyses in accordance with method requirements. The linear analytical range is established for each method by analysis of calibration standards prepared at increasing concentrations that cover the expected sample concentration range. The acceptability of the initial calibration is determined by calculation of a percent relative standard deviation or coefficient.

The stability of the analytical system is monitored by analysis of continuing calibration standards at concentrations near the mid-point of the instrument calibration range. The percent difference values between the relative response factor in the initial calibration and the relative response factor in the continuing calibration are reviewed to ensure instrument calibration criteria are within method control limits. All initial and continuing calibration verifications met the method-specific control criteria for the Q2 soil vapor analytical data with the exception of propylene in SDG 2102358, and propylene, ethyl acetate, and 1,3-butadiene in SDG 2102357. Ten sample results were "J" or "UJ" qualified during validation. Appendix C-1 – Table 3 presents the qualified sample results based on calibration criteria for the Q2 2021 data.

C-1.2.8 Trip Blanks for Volatile Organic Compounds (Reason Code TB)

Trip blank samples were not shipped with the Q2 2021 soil vapor samples as they are not required per the QAPjP but have been periodically collected based on site sampling conditions. Trip blank canisters are not necessarily representative of batch contamination due to the fact that each sample is contained within an individual Summa® canister,

C-1.2.9 Field Duplicate Samples

In accordance with the project QAPjP requirements (Kirtland AFB, 2017), field duplicate samples are collected at a frequency of one field duplicate for every 10 samples collected (10%). For the Q2 2021 sampling event, 30 field duplicate samples were collected in association with 299 soil vapor samples and analyzed for EPA TO-15. Field duplicate samples were collected at a frequency of 10% for the Q2 2021 event.

For field duplicate samples, RPD was evaluated by calculating the RPD between the parent sample and the duplicate sample. The RPD was calculated using the following equation:

$$RPD = |(S-D)/[(S+D)/2]| \times 100$$

where

S = Sample result.
D = Duplicate result.

Acceptable precision control criteria are established at less than or equal to 50% for soil vapor samples. The RPD was calculated between pairs of field duplicate samples when both results are reported at or above LOQ. The results for the soil vapor and the associated field duplicate samples are provided in

Appendix C-1 – Table 4. Five field samples and associated field duplicate results for ethanol, carbon disulfide, toluene, isopropyl alcohol, and propylene were qualified "J" based on exceedance of the RPD criteria and presented in Appendix C-1 – Table 3.

C-1.2.10 Qualified Sample Results Above Project Screening Levels

During Q2 2021 detections above the project screening level for hexane in two samples were "J" qualified as a result of data validation and exceedance of data quality criteria for LCS recovery. Appendix C-1 – Table 5 presents the results for the samples with "J" qualified results above the project screening level. Data validation guidelines determine these data to be usable and achieve project data quality objectives since the results are detections above the project screening levels.

C-1.2.11 Soil Vapor Results with LOQ/PQL Exceeding the Project Screening Level

During Q2 2021, soil vapor sample results were reported with LOQ/PQLs that exceeded the project screening level as a result of the high concentration of target analytes in the samples and therefore, requiring sample dilution during analysis. Elevated concentrations of target analytes in a sample, results in sample dilution during analysis in order to meet DoD QSM and EPA analytical method criteria. When samples require dilution, all analyte reporting limits become elevated by the amount of the dilution and thus resulting in the exceedances listed in Appendix C-1─Table 6. Data validation guidelines determine these data to be usable and achieve project data quality objectives.

C-1.2.12 Professional Judgement

Professional judgement may be applied by a third-party data validation subcontractor or the project chemist during the data review process to apply validation qualifiers based on site-specific and project-specific knowledge, historical data, comparability of data, and analytical expertise. Professional judgement was not applied by the project chemist to qualify Q2 2021 soil vapor data in addition to data qualified during validation by the subcontractor.

Soil vapor samples SV3-007-212, SV3-015-212, and SV3-272-212 were recollected June 24, 2021, to confirm the results from the initial sampling performed in April 2021 since the benzene and EDB results exceeded the project screening level in the initial samples. The June 2021 resampling results did not confirm the initial sample results and it was determined the April sampling results were potentially impacted by the air rotary drilling. Additional sampling of this soil vapor monitoring well will be conducted in October 2021.

C-1.3 COMPLETENESS

The following sections present a discussion of contractual, analytical, and technical completeness for the soil vapor analytical data completeness.

C-1.3.1 Contractual Completeness

Contractual completeness is a quantitative determination of the number of unqualified results compared to the total number of sample results expressed as a percentage, based on data qualified for QC outliers related to analytical method performance. These include data qualified for calibration or method blank contamination, missed holding times, LCS recovery, and/or precision. The contractual completeness goal is 95% per each event. Contractual completeness was calculated as follows:

$$\text{Percent Contractual Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100$$

For the Q2 2021 soil vapor results, the contractual completeness was 99.8% for the TO-15 analytical method (26 qualified analytes for LCS recovery and CCV exceedance out of 14,276 analytes for field and field duplicate samples). The 95% contractual completeness objective was achieved for the semiannual sampling event.

C-1.3.2 Analytical Completeness

Analytical completeness is a quantitative measure of the number of unqualified data results compared to the total number of results expressed as a percentage, based on the target analytes qualified for exceedances of QC requirements from calibration, LCS, surrogate, method precision, and blank contamination results. The analytical completeness goal is 90% for the project per the QAPjP (Kirtland AFB, 2017). Analytical completeness was calculated as follows:

$$\text{Percent Analytical Completeness} = \frac{\text{Number of Unqualified Results}}{\text{Total Number of Results}} \times 100 =$$

Overall analytical completeness for Q2 2021 is 99.7% (36 qualified analytes out of 14,276 analytes for field and field duplicate samples) based on LCS recovery, field duplicate and RPD exceedance, and calibration verification exceedance.

C-1.3.3 Technical Completeness

Technical completeness is a quantitative measure of the data usability based on the number of rejected data compared to the total number of sample results. The technical completeness goal for each method is equal to or greater than 95% per the QAPjP (Kirtland AFB, 2017). The technical completeness calculation considers all data that are not rejected (R-qualified) to be usable data to achieve project objectives. The technical completeness was calculated as follows:

$$\text{Percent Technical Completeness} = \frac{\text{Number of Usable Results}}{\text{Total Number of Results}} \times 100$$

The project data quality objectives were achieved for the semiannual soil vapor sampling event. The technical completeness for the Q2 2021 data is 100%. Technical completeness is provided in Appendix C-1 – Table 7.

C-1.3.4 Data Analysis Completeness

As a part of the data review process, chain-of-custody forms and project data deliverables are reviewed against the project requirements in the Work Plan (Kirtland AFB, 2017) to ensure compliance with the sampling plan and that analytical results were reported for all planned methods and samples. Data completeness for the soil vapor monitoring data deliverables was determined to be 100% complete. Level II analytical data packages are provided in Appendix C-2. Level IV data packages are available upon request.

C-1.4 REPRESENTATIVENESS AND COMPARABILITY

Semiannual soil vapor sampling was conducted in accordance with the sampling and analysis protocols and standard operating procedures documented in the Work Plan (Kirtland AFB, 2017). Approved procedures were used to collect, document, and ship samples to the ALS laboratory, thus ensuring the samples collected were representative of the soil vapor monitoring wells.

ALS maintains current DoD Environmental Laboratory Accreditation Program certification and adhered to the analytical methods documented in the project QAPjP and DoD Quality Systems Manual requirements to prepare and analyze samples and report the data. These certifications ensure the comparability of the analytical results between different samples and different sampling events.

EPA Stage 3 validation was performed on a minimum of 23% of the analytical data and data verification was performed on the remainder to verify that the laboratory complied with the project QAPjP and method requirements. QC results that exceeded method control criteria resulted in data qualification as presented in the previous sections. Based on a review of the completed sample collection logs, chain-of-custody forms, sample receipt forms, and laboratory data packages, the analytical data reported for the semiannual soil vapor sampling achieved the project data representativeness and comparability requirements.

C-1.5 SENSITIVITY

Data sensitivity for the semiannual soil vapor analytical data was achieved by complying with the analytical method guidelines specified in the project QAPjP. Project reporting limits are presented in the QAPjP, Attachment 2, Table 2-1. Non-detect analytes are reported at the LOD and flagged "U." Detections of target analytes below the method LOQ are "J" flagged as estimated values per the project requirements.

Q2 soil vapor samples required dilution during analysis as deemed necessary by the laboratory in order to bring elevated concentrations of analytes into the instrument calibration range for quantitation. Q2 samples requiring dilution due to elevated analytes in the sample (target or non-target) resulted in elevated reporting limits for all analytes in the sample per standard analytical method protocol.

During Q2 soil vapor sample analysis, no data were reported at elevated reporting limits unless associated with other elevated analytes in the sample matrix. Data qualified "J" and "UJ," and data with elevated reporting limits are usable to achieve data quality objectives. Q2 samples were analyzed in accordance with DoD QSM and EPA analytical methodology and 100% technical data completeness was achieved for the Q2 soil vapor data.

C-1.6 CONCLUSIONS

The analytical data reported for the Q2 2021 semiannual soil vapor monitoring have been reviewed for precision, accuracy (bias), representativeness, comparability, completeness, and sensitivity (23% of data) and verified for completeness and compliance (100% of data). Data quality criteria exceedances were noted for field duplicate sample RPD, LCS recovery exceedance, and instrument calibration verification exceedance. Data quality exceedances resulted in "UJ," and "J" qualified (non-detect and estimated) sample results. Estimated data are usable to achieve project objectives. The 95% technical completeness goal was achieved for the Q2 2021 sampling event. All data are usable to achieve the project data quality objectives.

C-1.7 REFERENCES

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TABLES

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Table C-1-5 Qualified Sample Results Above Project Screening Levels, Q2 2021

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Table C-1-1
Soil Vapor Sample Collection Summary, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106028-150	SV028-150-212	4/5/2021	P2101875	VOCs	--
KAFB-106028-250	SV028-250-212	4/5/2021	P2101875	VOCs	--
KAFB-106028-350	SV028-350-212	4/5/2021	P2101875	VOCs	--
KAFB-106028-450	SV028-450-212	4/5/2021	P2101875	VOCs	--
KAFB-106108-025	SV108-025-212	4/19/2021	P2102243	VOCs	--
KAFB-106108-050	SV108-050-212	4/19/2021	P2102243	VOCs	--
KAFB-106108-150	SV108-150-212	4/19/2021	P2102243	VOCs	--
KAFB-106108-250	SV108-250-212	4/19/2021	P2102243	VOCs	--
KAFB-106108-350	SV108-350-212	4/19/2021	P2102243	VOCs	Field Duplicate
KAFB-106108-450	SV108-450-212	4/19/2021	P2102243	VOCs	--
KAFB-106109-025	SV109-025-212	4/13/2021	P2102025	VOCs	--
KAFB-106109-050	SV109-050-212	4/13/2021	P2102025	VOCs	--
KAFB-106109-150	SV109-150-212	4/13/2021	P2102025	VOCs	--
KAFB-106109-250	SV109-250-212	4/13/2021	P2102025	VOCs	--
KAFB-106109-350	SV109-350-212	4/13/2021	P2102025	VOCs	--
KAFB-106109-450	SV109-450-212	4/13/2021	P2102025	VOCs	Field Duplicate
KAFB-106110-025	SV110-025-212	4/13/2021	P2102025	VOCs	--
KAFB-106110-050	SV110-050-212	4/13/2021	P2102025	VOCs	--
KAFB-106110-150	SV110-150-212	4/13/2021	P2102025	VOCs	--
KAFB-106110-250	SV110-250-212	4/13/2021	P2102025	VOCs	Field Duplicate
KAFB-106110-350	SV110-350-212	4/13/2021	P2102025	VOCs	--
KAFB-106110-450	SV110-450-212	4/13/2021	P2102025	VOCs	--
KAFB-106111-025	SV111-025-212	4/6/2021	P2101875	VOCs	--
KAFB-106111-050	SV111-050-212	4/6/2021	P2101875	VOCs	Field Duplicate
KAFB-106111-150	SV111-150-212	4/6/2021	P2101875	VOCs	--
KAFB-106111-250	SV111-250-212	4/6/2021	P2101875	VOCs	--
KAFB-106111-350	SV111-350-212	4/6/2021	P2101875	VOCs	--
KAFB-106111-450	SV111-450-212	4/6/2021	P2101875	VOCs	--
KAFB-106112-025	SV112-025-212	4/19/2021	P2102243	VOCs	--
KAFB-106112-050	SV112-050-212	4/19/2021	P2102243	VOCs	--
KAFB-106112-150	SV112-150-212	4/19/2021	P2102243	VOCs	--
KAFB-106112-250	SV112-250-212	4/19/2021	P2102243	VOCs	--
KAFB-106112-350	SV112-350-212	4/19/2021	P2102243	VOCs	--
KAFB-106112-450	SV112-450-212	4/19/2021	P2102243	VOCs	Field Duplicate
KAFB-106113-020	SV113-020-212	4/13/2021	P2102025	VOCs	--
KAFB-106113-050	SV113-050-212	4/13/2021	P2102025	VOCs	--
KAFB-106113-150	SV113-150-212	4/13/2021	P2102025	VOCs	--
KAFB-106113-250	SV113-250-212	4/13/2021	P2102025	VOCs	--
KAFB-106113-350	SV113-350-212	4/13/2021	P2102025	VOCs	--
KAFB-106113-450	SV113-450-212	4/13/2021	P2102025	VOCs	--
KAFB-106114-025	SV114-025-212	4/6/2021	P2101875	VOCs	--
KAFB-106114-050	SV114-050-212	4/6/2021	P2101875	VOCs	--
KAFB-106114-150	SV114-150-212	4/6/2021	P2101875	VOCs	--
KAFB-106114-250	SV114-250-212	4/6/2021	P2101875	VOCs	Field Duplicate
KAFB-106114-350	SV114-350-212	4/6/2021	P2101875	VOCs	--
KAFB-106114-450	SV114-450-212	4/6/2021	P2101875	VOCs	--
KAFB-106115-025	SV115-025-212	4/13/2021	P2102025	VOCs	Field Duplicate
KAFB-106115-050	SV115-050-212	4/13/2021	P2102025	VOCs	--
KAFB-106115-150	SV115-150-212	4/13/2021	P2102025	VOCs	--
KAFB-106115-250	SV115-250-212	4/13/2021	P2102031	VOCs	--
KAFB-106115-350	SV115-350-212	4/13/2021	P2102031	VOCs	--
KAFB-106115-450	SV115-450-212	4/13/2021	P2102031	VOCs	--

Table C-1-1
Soil Vapor Sample Collection Summary, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106116-025	SV116-025-212	4/6/2021	P2101875	VOCs	--
KAFB-106116-050	SV116-050-212	4/6/2021	P2101875	VOCs	--
KAFB-106116-150	SV116-150-212	4/6/2021	P2101875	VOCs	--
KAFB-106116-250	SV116-250-212	4/6/2021	P2101875	VOCs	--
KAFB-106116-350	SV116-350-212	4/6/2021	P2101875	VOCs	Field Duplicate
KAFB-106116-450	SV116-450-212	4/6/2021	P2101894	VOCs	--
KAFB-106117-025	SV117-025-212	4/6/2021	P2101894	VOCs	--
KAFB-106117-050	SV117-050-212	4/6/2021	P2101894	VOCs	--
KAFB-106117-150	SV117-150-212	4/6/2021	P2101894	VOCs	--
KAFB-106117-250	SV117-250-212	4/6/2021	P2101894	VOCs	--
KAFB-106117-350	SV117-350-212	4/6/2021	P2101894	VOCs	--
KAFB-106117-450	SV117-450-212	4/6/2021	P2101894	VOCs	--
KAFB-106118-025	SV118-025-212	4/19/2021	P2102243	VOCs	--
KAFB-106118-050	SV118-050-212	4/19/2021	P2102243	VOCs	--
KAFB-106118-160	SV118-160-212	4/19/2021	P2102243	VOCs	--
KAFB-106118-265	SV118-265-212	4/19/2021	P2102243	VOCs	--
KAFB-106118-350	SV118-350-212	4/19/2021	P2102243	VOCs	--
KAFB-106118-450	SV118-450-212	4/19/2021	P2102243	VOCs	Field Duplicate
KAFB-106119-025	SV119-025-212	4/20/2021	P2102243	VOCs	--
KAFB-106119-050	SV119-050-212	4/20/2021	P2102243	VOCs	--
KAFB-106119-150	SV119-150-212	4/20/2021	P2102243	VOCs	--
KAFB-106119-250	SV119-250-212	4/20/2021	P2102340	VOCs	--
KAFB-106119-350	SV119-350-212	4/20/2021	P2102340	VOCs	--
KAFB-106119-450	SV119-450-212	4/20/2021	P2102340	VOCs	--
KAFB-106120-025	SV120-025-212	4/12/2021	P2102031	VOCs	Field Duplicate
KAFB-106120-050	SV120-050-212	4/12/2021	P2102031	VOCs	--
KAFB-106120-150	SV120-150-212	4/12/2021	P2102031	VOCs	--
KAFB-106120-250	SV120-250-212	4/12/2021	P2102031	VOCs	--
KAFB-106120-350	SV120-350-212	4/12/2021	P2102031	VOCs	--
KAFB-106120-450	SV120-450-212	4/12/2021	P2102031	VOCs	--
KAFB-106121-025	SV121-025-212	4/12/2021	P2102031	VOCs	--
KAFB-106121-050	SV121-050-212	4/12/2021	P2102031	VOCs	--
KAFB-106121-145	SV121-145-212	4/12/2021	P2102031	VOCs	Field Duplicate
KAFB-106121-250	SV121-250-212	4/12/2021	P2102031	VOCs	--
KAFB-106121-350	SV121-350-212	4/12/2021	P2102031	VOCs	--
KAFB-106121-450	SV121-450-212	4/12/2021	P2102031	VOCs	--
KAFB-106122-025	SV122-025-212	4/12/2021	P2102031	VOCs	--
KAFB-106122-050	SV122-050-212	4/12/2021	P2102031	VOCs	--
KAFB-106122-150	SV122-150-212	4/12/2021	P2102031	VOCs	--
KAFB-106122-250	SV122-250-212	4/12/2021	P2102031	VOCs	--
KAFB-106122-350	SV122-350-212	4/12/2021	P2102031	VOCs	--
KAFB-106122-450	SV122-450-212	4/12/2021	P2102031	VOCs	--
KAFB-106123-025	SV123-025-212	4/12/2021	P2102031	VOCs	--
KAFB-106123-050	SV123-050-212	4/12/2021	P2102034	VOCs	--
KAFB-106123-150	SV123-150-212	4/12/2021	P2102034	VOCs	--
KAFB-106123-250	SV123-250-212	4/12/2021	P2102034	VOCs	--
KAFB-106123-350	SV123-350-212	4/12/2021	P2102034	VOCs	--
KAFB-106123-450	SV123-450-212	4/12/2021	P2102034	VOCs	--
KAFB-106124-025	SV124-025-212	4/5/2021	P2101894	VOCs	--
KAFB-106124-050	SV124-050-212	4/5/2021	P2101894	VOCs	--
KAFB-106124-150	SV124-150-212	4/5/2021	P2101894	VOCs	--
KAFB-106124-250	SV124-250-212	4/5/2021	P2101894	VOCs	Field Duplicate
KAFB-106124-350	SV124-350-212	4/5/2021	P2101894	VOCs	--

Table C-1-1
Soil Vapor Sample Collection Summary, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106124-450	SV124-450-212	4/5/2021	P2101894	VOCs	--
KAFB-106125-025	SV125-025-212	4/5/2021	P2101894	VOCs	--
KAFB-106125-050	SV125-050-212	4/5/2021	P2101894	VOCs	--
KAFB-106125-150	SV125-150-212	4/5/2021	P2101894	VOCs	--
KAFB-106125-250	SV125-250-212	4/5/2021	P2101894	VOCs	--
KAFB-106125-350	SV125-350-212	4/5/2021	P2101894	VOCs	--
KAFB-106125-450	SV125-450-212	4/5/2021	P2101894	VOCs	--
KAFB-106126-025	SV126-025-212	4/20/2021	P2102340	VOCs	--
KAFB-106126-050	SV126-050-212	4/20/2021	P2102340	VOCs	--
KAFB-106126-150	SV126-150-212	4/20/2021	P2102340	VOCs	--
KAFB-106126-250	SV126-250-212	4/20/2021	P2102340	VOCs	--
KAFB-106126-350	SV126-350-212	4/20/2021	P2102340	VOCs	--
KAFB-106126-450	SV126-450-212	4/20/2021	P2102340	VOCs	--
KAFB-106127-025	SV127-025-212	4/5/2021	P2101894	VOCs	--
KAFB-106127-050	SV127-050-212	4/5/2021	P2101894	VOCs	--
KAFB-106127-150	SV127-150-212	4/5/2021	P2101894	VOCs	--
KAFB-106127-250	SV127-250-212	4/5/2021	P2101896	VOCs	Field Duplicate
KAFB-106127-350	SV127-350-212	4/5/2021	P2101896	VOCs	--
KAFB-106127-450	SV127-450-212	4/5/2021	P2101896	VOCs	--
KAFB-106128-025	SV128-025-212	4/6/2021	P2101896	VOCs	--
KAFB-106128-050	SV128-050-212	4/6/2021	P2101896	VOCs	--
KAFB-106128-150	SV128-150-212	4/6/2021	P2101896	VOCs	--
KAFB-106128-250	SV128-250-212	4/6/2021	P2101896	VOCs	--
KAFB-106128-350	SV128-350-212	4/6/2021	P2101896	VOCs	--
KAFB-106128-450	SV128-450-212	4/6/2021	P2101896	VOCs	--
KAFB-106129-025	SV129-025-212	4/19/2021	P2102340	VOCs	--
KAFB-106129-050	SV129-050-212	4/19/2021	P2102340	VOCs	--
KAFB-106129-150	SV129-150-212	4/19/2021	P2102340	VOCs	--
KAFB-106129-250	SV129-250-212	4/19/2021	P2102340	VOCs	--
KAFB-106129-350	SV129-350-212	4/19/2021	P2102340	VOCs	--
KAFB-106129-450	SV129-450-212	4/19/2021	P2102340	VOCs	--
KAFB-106130-025	SV130-025-212	4/20/2021	P2102340	VOCs	--
KAFB-106130-050	SV130-050-212	4/20/2021	P2102340	VOCs	--
KAFB-106130-150	SV130-150-212	4/20/2021	P2102340	VOCs	--
KAFB-106130-250	SV130-250-212	4/20/2021	P2102340	VOCs	--
KAFB-106130-350	SV130-350-212	4/20/2021	P2102340	VOCs	--
KAFB-106130-450	SV130-450-212	4/20/2021	P2102340	VOCs	Field Duplicate
KAFB-106131-025	SV131-025-212	4/13/2021	P2102034	VOCs	--
KAFB-106131-055	SV131-055-212	4/13/2021	P2102034	VOCs	--
KAFB-106131-150	SV131-150-212	4/13/2021	P2102034	VOCs	--
KAFB-106131-245	SV131-245-212	4/13/2021	P2102034	VOCs	--
KAFB-106131-350	SV131-350-212	4/13/2021	P2102034	VOCs	--
KAFB-106131-450	SV131-450-212	4/13/2021	P2102034	VOCs	--
KAFB-106132-025	SV132-025-212	4/12/2021	P2102034	VOCs	--
KAFB-106132-050	SV132-050-212	4/12/2021	P2102034	VOCs	--
KAFB-106132-175	SV132-175-212	4/12/2021	P2102034	VOCs	--
KAFB-106132-250	SV132-250-212	4/12/2021	P2102034	VOCs	--
KAFB-106132-350	SV132-350-212	4/12/2021	P2102034	VOCs	--
KAFB-106132-450	SV132-450-212	4/12/2021	P2102034	VOCs	--
KAFB-106133-025	SV133-025-212	4/6/2021	P2101896	VOCs	--
KAFB-106133-050	SV133-050-212	4/6/2021	P2101896	VOCs	--
KAFB-106133-170	SV133-170-212	4/6/2021	P2101896	VOCs	--
KAFB-106133-250	SV133-250-212	4/6/2021	P2101896	VOCs	Field Duplicate

Table C-1-1
Soil Vapor Sample Collection Summary, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106133-350	SV133-350-212	4/6/2021	P2101896	VOCs	--
KAFB-106133-450	SV133-450-212	4/6/2021	P2101896	VOCs	--
KAFB-106134-025	SV134-025-212	4/12/2021	P2102034	VOCs	--
KAFB-106134-050	SV134-050-212	4/12/2021	P2102034	VOCs	--
KAFB-106134-170	SV134-170-212	4/12/2021	P2102034	VOCs	--
KAFB-106134-250	SV134-250-212	4/12/2021	P2102034	VOCs	--
KAFB-106134-350	SV134-350-212	4/12/2021	P2102034	VOCs	Field Duplicate
KAFB-106134-450	SV134-450-212	4/12/2021	P2102034	VOCs	--
KAFB-106135-025	SV135-025-212	4/12/2021	P2102163	VOCs	--
KAFB-106135-050	SV135-050-212	4/12/2021	P2102163	VOCs	--
KAFB-106135-150	SV135-150-212	4/12/2021	P2102163	VOCs	--
KAFB-106135-250	SV135-250-212	4/12/2021	P2102163	VOCs	Field Duplicate
KAFB-106135-350	SV135-350-212	4/12/2021	P2102163	VOCs	--
KAFB-106135-450	SV135-450-212	4/12/2021	P2102163	VOCs	--
KAFB-106136-025	SV136-025-212	4/6/2021	P2101896	VOCs	--
KAFB-106136-050	SV136-050-212	4/6/2021	P2101896	VOCs	--
KAFB-106136-150	SV136-150-212	4/6/2021	P2101896	VOCs	--
KAFB-106136-250	SV136-250-212	4/6/2021	P2101896	VOCs	--
KAFB-106136-350	SV136-350-212	4/6/2021	P2101896	VOCs	--
KAFB-106136-450	SV136-450-212	4/6/2021	P2101896	VOCs	--
KAFB-106137-025	SV137-025-212	4/12/2021	P2102163	VOCs	--
KAFB-106137-050	SV137-050-212	4/12/2021	P2102163	VOCs	--
KAFB-106137-150	SV137-150-212	4/12/2021	P2102163	VOCs	--
KAFB-106137-250	SV137-250-212	4/12/2021	P2102163	VOCs	--
KAFB-106137-350	SV137-350-212	4/12/2021	P2102163	VOCs	--
KAFB-106137-450	SV137-450-212	4/12/2021	P2102163	VOCs	--
KAFB-106138-025	SV138-025-212	4/6/2021	P2101896	VOCs	--
KAFB-106138-050	SV138-050-212	4/6/2021	P2101896	VOCs	--
KAFB-106138-150	SV138-150-212	4/6/2021	P2101902	VOCs	Field Duplicate
KAFB-106138-250	SV138-250-212	4/6/2021	P2101902	VOCs	--
KAFB-106138-350	SV138-350-212	4/6/2021	P2101902	VOCs	--
KAFB-106138-450	SV138-450-212	4/6/2021	P2101902	VOCs	--
KAFB-106139-025	SV139-025-212	4/12/2021	P2102163	VOCs	--
KAFB-106139-050	SV139-050-212	4/12/2021	P2102163	VOCs	Field Duplicate
KAFB-106139-150	SV139-150-212	4/12/2021	P2102163	VOCs	--
KAFB-106139-250	SV139-250-212	5/19/2021	P2102853	VOCs	Resample[b]
KAFB-106139-350	SV139-350-212	4/12/2021	P2102163	VOCs	--
KAFB-106139-450	SV139-450-212	4/12/2021	P2102163	VOCs	--
KAFB-106140-025	SV140-025-212	4/12/2021	P2102163	VOCs	--
KAFB-106140-050	SV140-050-212	4/12/2021	P2102163	VOCs	--
KAFB-106140-150	SV140-150-212	4/12/2021	P2102163	VOCs	--
KAFB-106140-250	SV140-250-212	4/12/2021	P2102163	VOCs	--
KAFB-106140-350	SV140-350-212	4/12/2021	P2102163	VOCs	--
KAFB-106140-450	SV140-450-212	4/12/2021	P2102163	VOCs	Field Duplicate
KAFB-106141-025	SV141-025-212	4/6/2021	P2101902	VOCs	--
KAFB-106141-050	SV141-050-212	4/6/2021	P2101902	VOCs	--
KAFB-106141-170	SV141-170-212	4/6/2021	P2101902	VOCs	--
KAFB-106141-250	SV141-250-212	4/6/2021	P2101902	VOCs	--
KAFB-106141-350	SV141-350-212	4/6/2021	P2101902	VOCs	--
KAFB-106141-450	SV141-450-212	4/6/2021	P2101902	VOCs	--
KAFB-106142-030	SV142-030-212	4/6/2021	P2101902	VOCs	--
KAFB-106142-050	SV142-050-212	4/6/2021	P2101902	VOCs	--
KAFB-106142-170	SV142-170-212	4/6/2021	P2101902	VOCs	Field Duplicate

Table C-1-1
Soil Vapor Sample Collection Summary, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
KAFB-106142-250	SV142-250-212	4/6/2021	P2101902	VOCs	--
KAFB-106142-350	SV142-350-212	4/6/2021	P2101902	VOCs	--
KAFB-106142-450	SV142-450-212	4/6/2021	P2101902	VOCs	--
KAFB-106V1-102	SV1-102-212	4/20/2021	P2102340	VOCs	--
KAFB-106V1-113	SV1-113-212	4/20/2021	P2102340	VOCs	--
KAFB-106V1-160	SV1-160-212	4/20/2021	P2102356	VOCs	--
KAFB-106V1-217	SV1-217-212	4/20/2021	P2102356	VOCs	--
KAFB-106V1-252	SV1-252-212	4/20/2021	P2102356	VOCs	--
KAFB-106V1-263	SV1-263-212	4/20/2021	P2102356	VOCs	--
KAFB-106V2-102	SV2-102-212	4/20/2021	P2102356	VOCs	--
KAFB-106V2-117	SV2-117-212	4/20/2021	P2102356	VOCs	--
KAFB-106V2-160	SV2-160-212	4/20/2021	P2102356	VOCs	--
KAFB-106V2-217	SV2-217-212	4/20/2021	P2102356	VOCs	--
KAFB-106V2-252	SV2-252-212	4/20/2021	P2102356	VOCs	--
KAFB-106V2-270	SV2-270-212	4/20/2021	P2102356	VOCs	--
KAFB-106V3-007	SV3-007-212	4/20/2021	P2102359	VOCs	Field Duplicate
KAFB-106V3-007	SV3-007-212A	6/24/2021	P2103567	VOCs	Confirmation sample
KAFB-106V3-015	SV3-015-212	4/20/2021	P2102359	VOCs	--
KAFB-106V3-015	SV3-015-212A	6/24/2021	P2103567	VOCs	Confirmation sample
KAFB-106V3-272	SV3-272-212	4/20/2021	P2102359	VOCs	--
KAFB-106V3-272	SV3-272-212A	6/24/2021	P2103567	VOCs	Confirmation sample
SVEW-01-260	SVE01-260-212	4/20/2021	P2102356	VOCs	--
SVEW-02-060	SVE02-060-212	4/20/2021	P2102356	VOCs	--
SVEW-03-160	SVE03-160-212	4/20/2021	P2102356	VOCs	--
SVEW-04-313	SVE04-313-212	4/20/2021	P2102356	VOCs	--
SVEW-05-460	SVE05-460-212	4/20/2021	P2102356	VOCs	--
SVEW-06-060	SVE06-060-212	4/5/2021	P2101902	VOCs	Field Duplicate
SVEW-07-160	SVE07-160-212	4/5/2021	P2101902	VOCs	--
SVEW-08-260	SVE08-260-212	4/5/2021	P2101902	VOCs	--
SVEW-09-460	SVE09-460-212	4/5/2021	P2101902	VOCs	--
SVEW-10-410	SVE10-410-212	4/19/2021	P2102356	VOCs	Field Duplicate
SVEW-11-410	SVE11-410-212	4/20/2021	P2102356	VOCs	Field Duplicate
SVEW-12-410	SVE12-410-212	4/13/2021	P2102163	VOCs	--
SVEW-13-410	SVE13-410-212	4/19/2021	P2102356	VOCs	--
SVMW-01-050	SV01-050-212	4/19/2021	P2102357	VOCs	--
SVMW-01-100	SV01-100-212	4/19/2021	P2102357	VOCs	--
SVMW-01-250	SV01-250-212	4/19/2021	P2102357	VOCs	--
SVMW-01-300	SV01-300-212	4/19/2021	P2102357	VOCs	--
SVMW-02-050	SV02-050-212	4/19/2021	P2102357	VOCs	--
SVMW-02-100	SV02-100-212	4/19/2021	P2102357	VOCs	--
SVMW-02-150	SV02-150-212	4/19/2021	P2102357	VOCs	Field Duplicate
SVMW-03-050	SV03-050-212	4/5/2021	P2101902	VOCs	--
SVMW-03-100	SV03-100-212	4/5/2021	P2101897	VOCs	--
SVMW-03-250	SV03-250-212	4/5/2021	P2101897	VOCs	--
SVMW-03-300	SV03-300-212	4/5/2021	P2101897	VOCs	--
SVMW-04-050	SV04-050-212	4/5/2021	P2101897	VOCs	Field Duplicate
SVMW-04-100	SV04-100-212	4/5/2021	P2101897	VOCs	--
SVMW-04-250	SV04-250-212	4/5/2021	P2101897	VOCs	--
SVMW-04-300	SV04-300-212	4/5/2021	P2101897	VOCs	--
SVMW-05-050	SV05-050-212	4/19/2021	P2102357	VOCs	Field Duplicate

Table C-1-1
Soil Vapor Sample Collection Summary, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Delivery Group	Analytical Parameter[a]	Comments
SVMW-05-100	SV05-100-212	4/19/2021	P2102357	VOCs	--
SVMW-05-230	SV05-230-212	4/19/2021	P2102357	VOCs	--
SVMW-05-290	SV05-290-212	4/19/2021	P2102357	VOCs	--
SVMW-06-050	SV06-050-212	4/19/2021	P2102357	VOCs	--
SVMW-06-100	SV06-100-212	4/19/2021	P2102357	VOCs	Field Duplicate
SVMW-06-252	SV06-252-212	4/19/2021	P2102357	VOCs	--
SVMW-06-302	SV06-302-212	4/19/2021	P2102357	VOCs	--
SVMW-07-050	SV07-050-212	4/21/2021	P2102357	VOCs	--
SVMW-07-100	SV07-100-212	4/21/2021	P2102357	VOCs	--
SVMW-07-150	SV07-150-212	4/21/2021	P2102357	VOCs	--
SVMW-08-050	SV08-050-212	4/5/2021	P2101897	VOCs	--
SVMW-08-100	SV08-100-212	4/5/2021	P2101897	VOCs	--
SVMW-08-250	SV08-250-212	4/5/2021	P2101897	VOCs	--
SVMW-09-050	SV09-050-212	4/5/2021	P2101897	VOCs	--
SVMW-09-100	SV09-100-212	4/5/2021	P2101897	VOCs	--
SVMW-09-250	SV09-250-212	4/5/2021	P2101897	VOCs	--
SVMW-09-266	SV09-266-212	4/5/2021	P2101897	VOCs	--
SVMW-10-050	SV10-050-212	4/20/2021	P2102357	VOCs	--
SVMW-10-100	SV10-100-212	4/20/2021	P2102357	VOCs	--
SVMW-10-150	SV10-150-212	4/20/2021	P2102357	VOCs	--
SVMW-10-250	SV10-250-212	4/20/2021	P2102358	VOCs	--
SVMW-11-050	SV11-050-212	4/20/2021	P2102358	VOCs	--
SVMW-11-100	SV11-100-212	4/20/2021	P2102358	VOCs	--
SVMW-11-250	SV11-250-212	4/20/2021	P2102358	VOCs	--
SVMW-11-260	SV11-260-212	4/20/2021	P2102358	VOCs	--
SVMW-12-150	SV12-150-212	4/19/2021	P2102358	VOCs	--
SVMW-12-250	SV12-250-212	4/19/2021	P2102358	VOCs	--
SVMW-12-350	SV12-350-212	4/19/2021	P2102358	VOCs	--
SVMW-12-450	SV12-450-212	4/19/2021	P2102358	VOCs	--
SVMW-13-150	SV13-150-212	4/20/2021	P2102358	VOCs	--
SVMW-13-250	SV13-250-212	4/20/2021	P2102358	VOCs	--
SVMW-13-350	SV13-350-212	4/20/2021	P2102358	VOCs	--
SVMW-13-450	SV13-450-212	4/20/2021	P2102358	VOCs	--
SVMW-14-150	SV14-150-212	4/13/2021	P2102163	VOCs	--
SVMW-14-250	SV14-250-212	4/13/2021	P2102163	VOCs	--
SVMW-14-350	SV14-350-212	4/13/2021	P2102163	VOCs	--
SVMW-14-450	SV14-450-212	4/13/2021	P2102163	VOCs	Field Duplicate
SVMW-15-150	SV15-150-212	4/19/2021	P2102358	VOCs	--
SVMW-15-250	SV15-250-212	4/19/2021	P2102358	VOCs	--
SVMW-15-350	SV15-350-212	4/19/2021	P2102358	VOCs	--
SVMW-15-450	SV15-450-212	4/19/2021	P2102358	VOCs	--

[a] VOCs analyzed in accordance with EPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Method TO-15.

[b] Sample was recollected due to faulty canister valve.

-- = no comments

EPA = U.S. Environmental Protection Agency

ID = Identification

VOC = Volatile organic compound

Table C-1-2
Data Qualification Flags and Reason Codes

Data Qualifier Definitions for Data Validation

Qualifier	Definition
	No Qualifier indicates that the data are acceptable both qualitatively and quantitatively.
U	The analyte was analyzed for but was not detected above the detection limit. The value associated with the U-qualifier is the limit of detection.
J	The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample. Results are estimated, although the data are considered usable and may be used as appropriate to meet project objectives. Results are qualitatively acceptable and quantitatively uncertain.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The analyte was analyzed for, but the presence or absence of the analyte has not been verified. Re-sampling and re-analysis may be necessary to confirm or deny the presence of the analyte. Results are rejected, and data are unusable for any purposes.
X	The sample results were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project QC criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team (includes project chemist).

Reason Codes for Data Validation

Reason Code	Description
CB/CCB	Calibration blank or continuing calibration blank outside of control limits
CCV	Calibration verification outside of control limits
EB	Equipment rinse blank contamination
FB	Field blank contamination
FD	Field duplicate sample results out of control criteria
HT	Holding time exceedance
ICS	Interference check sample
LCS	Laboratory control sample recovery out of control criteria
MB	Method blank contamination
MS/MSD	Matrix spike/matrix spike duplicate recovery outside of control criteria
RPD	Relative percent difference outside of control limits
SD	Inductively coupled plasma serial dilution out of control criteria
SURR	Surrogate recovery outside of control limits
TB	Trip blank contamination

Table C-1-3
Qualified Sample Results, Q2 2021

Well Location ID	Sample Name	Sample Delivery Group	Collection Method	Sample Type	Analyte	Data Qualifier	Validation Reason Code
KAFB-106114-025	SV114-025-212	P2101875	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106114-050	SV114-050-212	P2101875	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106114-250	SV114-250-212	P2101875	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106114-450	SV114-450-212	P2101875	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106116-250	SV116-250-212	P2101875	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106116-350	SV116-350-212	P2101875	SUMMA	N	Ethanol	J	Field Duplicate RPD
KAFB-106116-350	SV116-350-612	P2101875	SUMMA	FD	Ethanol	J	Field Duplicate RPD
KAFB-106136-450	SV136-450-212	P2101896	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106138-150	SV138-150-212	P2101902	SUMMA	N	Carbon disulfide	J	Field Duplicate RPD
KAFB-106138-150	SV138-150-612	P2101902	SUMMA	FD	Carbon disulfide	J	Field Duplicate RPD
KAFB-106138-150	SV138-150-212	P2101902	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106138-150	SV138-150-612	P2101902	SUMMA	FD	Ethyl acetate	J	Laboratory Control Spike
KAFB-106138-150	SV138-150-212	P2101902	SUMMA	N	Toluene	J	Field Duplicate RPD
KAFB-106138-150	SV138-150-612	P2101902	SUMMA	FD	Toluene	J	Field Duplicate RPD
KAFB-106138-250	SV138-250-212	P2101902	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106138-350	SV138-350-212	P2101902	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106141-025	SV141-025-212	P2101902	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106141-250	SV141-250-212	P2101902	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
KAFB-106V3-007	SV3-007-212	P2102359	SUMMA	N	Isopropyl alcohol	J	Field Duplicate RPD
KAFB-106V3-007	SV3-007-612	P2102359	SUMMA	FD	Isopropyl alcohol	J	Field Duplicate RPD
KAFB-106V3-007	SV3-007-212	P2102359	SUMMA	N	Propylene (propene)	J	Field Duplicate RPD
KAFB-106V3-007	SV3-007-612	P2102359	SUMMA	FD	Propylene (propene)	J	Field Duplicate RPD
KAFB-106V3-015	SV3-015-212	P2102359	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
SVMW-08-100	SV08-100-212	P2101897	SUMMA	N	Ethyl acetate	J	Laboratory Control Spike
SVMW-10-050	SV10-050-212	P2102357	SUMMA	N	1,3-Butadiene	U	Continuing Calibration Verification
SVMW-10-050	SV10-050-212	P2102357	SUMMA	N	Ethyl acetate	U	Continuing Calibration Verification
SVMW-10-050	SV10-050-212	P2102357	SUMMA	N	Hexane	J	Laboratory Control Spike
SVMW-10-050	SV10-050-212	P2102357	SUMMA	N	Propylene (propene)	U	Continuing Calibration Verification
SVMW-10-100	SV10-100-212	P2102357	SUMMA	N	1,3-Butadiene	U	Continuing Calibration Verification
SVMW-10-100	SV10-100-212	P2102357	SUMMA	N	Ethyl acetate	U	Continuing Calibration Verification
SVMW-10-100	SV10-100-212	P2102357	SUMMA	N	Hexane	J	Laboratory Control Spike
SVMW-10-100	SV10-100-212	P2102357	SUMMA	N	Propylene (propene)	J	Continuing Calibration Verification
SVMW-10-150	SV10-150-212	P2102357	SUMMA	N	1,3-Butadiene	U	Continuing Calibration Verification
SVMW-10-150	SV10-150-212	P2102357	SUMMA	N	Ethyl acetate	U	Continuing Calibration Verification

Table C-1-3
Qualified Sample Results, Q2 2021

Well Location ID	Sample Name	Sample Delivery Group	Collection Method	Sample Type	Analyte	Data Qualifier	Validation Reason Code
SVMW-10-150	SV10-150-212	P2102357	SUMMA	N	Propylene (propene)	J	Continuing Calibration Verification
SVMW-10-250	SV10-250-212	P2102358	SUMMA	N	Propylene (propene)	J	Continuing Calibration Verification

FD = field duplicate

ID = identification

N = normal field sample

RPD = relative percent difference

J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

U = Qualifier denotes the analyte was analyzed for but was not detected above the detection limit.

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106108-350			KAFB-106108-350			KAFB-106109-450			KAFB-106109-450			KAFB-106110-250			KAFB-106110-250		
		Field Sample ID:	SV108-350-212			SV108-350-612			SV109-450-212			SV109-450-612			SV110-250-212			SV110-250-612		
		Sample Date:	4/19/2021			4/19/2021			4/13/2021			4/13/2021			4/13/2021			4/13/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	2,100	--	5.7	1,800	--	13	21	--	0.83	23	--	0.74	ND	U	2,900	ND	U	2,000
		1,1-Dichloroethane	ND	U	11	ND	U	25	4.6	--	1.6	5	--	1.4	ND	U	5,600	ND	U	3,900
		1,2,4-Trichlorobenzene	ND	U	11	ND	U	25	ND	U	1.6	ND	U	1.4	ND	U	5,400	ND	U	3,700
		1,2,4-Trimethylbenzene	ND	U	5.7	ND	U	13	0.56	J	0.83	0.39	J	0.74	ND	U	2,900	ND	U	2,000
		1,2-Dibromoethane	ND	U	5.7	ND	U	13	ND	U	0.83	ND	U	0.74	ND	U	2,900	ND	U	2,000
		1,2-Dichloroethane	ND	U	5.7	ND	U	13	2.6	--	0.83	2.8	--	0.74	ND	U	2,900	ND	U	2,000
		1,3,5-Trimethylbenzene	2.6	J	5.7	ND	U	13	ND	U	0.83	ND	U	0.74	ND	U	2,900	ND	U	2,000
		1,3-Butadiene	ND	U	11	ND	U	25	ND	U	1.6	0.44	J	1.4	ND	U	5,400	ND	U	3,700
		1,4-Dioxane	ND	U	5.7	ND	U	13	ND	U	0.83	ND	U	0.74	ND	U	2,900	ND	U	2,000
		2-Butanone	6.1	J	11	ND	U	25	3.6	J	1.6	5.8	--	1.4	ND	U	5,400	ND	U	3,700
		2-Hexanone	ND	U	5.7	ND	U	13	0.57	J	0.83	0.67	J	0.74	ND	U	2,900	ND	U	2,000
		4-Methyl-2-pentanone	ND	U	5.7	ND	U	13	0.56	J	0.83	0.67	J	0.74	ND	U	2,900	ND	U	2,000
		Acetone	ND	U	91	ND	U	210	30	--	13	20	J	12	ND	U	46,000	ND	U	32,000
		Benzene	14	J	5.7	6.3	J	13	6.1	--	0.83	6.4	--	0.74	93,000	--	2,900	80,000	--	2,000
		Bromodichloromethane	ND	U	5.7	ND	U	13	ND	U	0.83	ND	U	0.74	ND	U	2,900	ND	U	2,000
		Bromoform	ND	U	11	ND	U	25	ND	U	1.6	ND	U	1.4	ND	U	5,400	ND	U	3,700
		Carbon disulfide	11	J	18	15	J	41	91	--	2.6	98	--	2.3	ND	U	9,200	ND	U	6,300
		Carbon tetrachloride	86	--	5.7	72	--	13	1.3	J	0.83	1.8	J	0.74	ND	U	2,900	ND	U	2,000
		Chloroethane	ND	U	11	ND	U	25	6	--	1.6	6.7	--	1.4	ND	U	5,400	ND	U	3,700
		Chloroform	14	J	5.7	12	J	13	0.47	J	0.83	0.44	J	0.74	ND	U	2,900	ND	U	2,000
		Chloromethane	ND	U	11	ND	U	25	14	--	1.6	18	--	1.4	ND	U	5,400	ND	U	3,700
		Cyclohexane	11,000	--	38	11,000	--	26	ND	U	1.7	0.8	J	1.5	1,200,000	--	5,800	1,000,000	--	4,000
		Dibromochloromethane	ND	U	5.7	ND	U	13	ND	U	0.83	ND	U	0.74	ND	U	2,900	ND	U	2,000
		Dichlorodifluoromethane	8.1	J	11	ND	U	25	2.8	--	1.6	2.2	J	1.4	ND	U	5,400	ND	U	3,700
		Ethanol	53	J	28	ND	U	64	44	--	4.1	6	J	3.6	9,000	J	14,000	ND	U	9,700
		Ethyl acetate	ND	U	22	ND	U	50	ND	U	3.2	58	--	2.8	ND	U	11,000	ND	U	7,600
		Ethylbenzene	5.2	J	5.7	ND	U	13	0.61	J	0.83	0.44	J	0.74	ND	U	2,900	ND	U	2,000
		Hexane	3,500	--	11	3,200	--	25	1.4	J	1.6	1.2	J	1.4	1,500,000	--	5,400	1,200,000	--	3,700
		Isopropyl alcohol	420	--	21	ND	U	48	ND	U	3.1	ND	U	2.7	ND	U	11,000	ND	U	7,400
		m- & p-Xylenes	20	J	11	18	J	26	2.3	J	1.7	1.6	J	1.5	15,000	J	5,800	13,000	--	4,000
		Methylene chloride	ND	U	11	ND	U	25	1.6	J	1.6	ND	U	1.4	ND	U	5,400	ND	U	3,700
		Naphthalene	ND	U	10	ND	U	24	ND	U	1.5	ND	U	1.3	ND	U	5,300	ND	U	3,600
		n-Heptane	170	--	11	110	--	25	0.88	J	1.6	0.72	J	1.4	1,200,000	--	5,400	1,000,000	--	3,700
		o-Xylene	59	--	5.7	53	--	13	0.77	J	0.83	0.49	J	0.74	4,900	J	2,900	4,600	J	2,000
		Propylene (propene)	190	--	11	110	--	25	4.8	--	1.6	4.6	--	1.4	10,000	--	5,400	8,200	--	3,700
		Styrene	ND	U	11	ND	U	25	ND	U	1.6	ND	U	1.4	ND	U	5,400	ND	U	3,700
		Tetrachloroethene	15	J	5.7	13	J	13	0.98	J	0.83	0.93	J	0.74	2,700	J	2,900	1,900	J	2,000
		Tetrahydrofuran	3	J	5.7	ND	U	13	30	--	0.83	48	--	0.74	ND	U	2,900	ND	U	2,000
		Toluene	47	--	5.7	39	J	13	14	--	0.83	15	--	0.74	69,000	--	2,900	60,000	--	2,000
		Trichloroethene	7.4	J	5.7	5.8	J	13	13	--	0.83	16	--	0.74	ND	U	2,900	ND	U	2,000
		Trichlorofluoromethane	20	--	11	17	J	25	0.71	J	1.6	0.38	J	1.4	ND	U	5,400	ND	U	3,700
		Vinyl chloride	ND	U	5.7	ND	U	13	7.9	--	0.83	8.6	--	0.74	ND	U	2,900	ND	U	2,000
		Xylenes, total	79	--	11	71	J	26	3.1	J	1.7	2.1	J	1.5	20,000	--	5,800	18,000	--	4,000

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106111-050			KAFB-106111-050			KAFB-106112-450			KAFB-106112-450			KAFB-106114-250			KAFB-106114-250		
		Field Sample ID:	SV111-050-212			SV111-050-612			SV112-450-212			SV112-450-612			SV114-250-212			SV114-250-612		
		Sample Date:	4/6/2021			4/6/2021			4/19/2021			4/19/2021			4/6/2021			4/6/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	130	J	94	98	J	90	120	J	160	120	J	150	24	--	0.8	24	--	0.8
		1,1-Dichloroethane	ND	U	180	ND	U	170	ND	U	300	ND	U	280	ND	U	1.6	ND	U	1.6
		1,2,4-Trichlorobenzene	ND	U	180	ND	U	170	ND	U	290	ND	U	270	ND	U	1.5	ND	U	1.5
		1,2,4-Trimethylbenzene	100	J	94	ND	U	90	940	--	160	740	--	150	0.78	J	0.8	ND	U	0.8
		1,2-Dibromoethane	ND	U	94	ND	U	90	ND	U	160	ND	U	150	ND	U	0.8	ND	U	0.8
		1,2-Dichloroethane	ND	U	94	ND	U	90	ND	U	160	ND	U	150	ND	U	0.8	ND	U	0.8
		1,3,5-Trimethylbenzene	ND	U	94	ND	U	90	1,200	--	160	1,100	--	150	ND	U	0.8	ND	U	0.8
		1,3-Butadiene	ND	U	180	ND	U	170	ND	U	290	ND	U	270	ND	U	1.5	ND	U	1.5
		1,4-Dioxane	ND	U	94	ND	U	90	ND	U	160	ND	U	150	0.3	J	0.8	1.2	J	0.8
		2-Butanone	210	J	180	76	J	170	ND	U	290	ND	U	270	13	--	1.5	2.1	J	1.5
		2-Hexanone	ND	U	94	ND	U	90	ND	U	160	ND	U	150	0.7	J	0.8	0.49	J	0.8
		4-Methyl-2-pentanone	ND	U	94	ND	U	90	ND	U	160	ND	U	150	0.38	J	0.8	ND	U	0.8
		Acetone	4,600	--	1,500	650	J	1,400	ND	U	2,500	ND	U	2,300	8.5	J	13	11	J	13
		Benzene	1,300	--	94	1,200	--	90	17,000	--	160	19,000	--	150	0.8	J	0.8	0.86	J	0.8
		Bromodichloromethane	ND	U	94	ND	U	90	ND	U	160	ND	U	150	ND	U	0.8	ND	U	0.8
		Bromoform	ND	U	180	ND	U	170	ND	U	290	ND	U	270	ND	U	1.5	ND	U	1.5
		Carbon disulfide	ND	U	300	ND	U	290	ND	U	490	ND	U	460	12	--	2.6	28	--	2.5
		Carbon tetrachloride	100	J	94	72	J	90	ND	U	160	ND	U	150	72	--	0.8	72	--	0.8
		Chloroethane	ND	U	180	ND	U	170	ND	U	290	ND	U	270	ND	U	1.5	ND	U	1.5
		Chloroform	ND	U	94	ND	U	90	ND	U	160	ND	U	150	5.9	--	0.8	6.1	--	0.8
		Chloromethane	ND	U	180	ND	U	170	ND	U	290	ND	U	270	ND	U	1.5	ND	U	1.5
		Cyclohexane	99	J	190	ND	U	180	210,000	--	1,200	250,000	--	1,200	ND	U	1.6	ND	U	1.6
		Dibromochloromethane	ND	U	94	ND	U	90	ND	U	160	ND	U	150	ND	U	0.8	ND	U	0.8
		Dichlorodifluoromethane	200	J	180	83	J	170	ND	U	290	ND	U	270	320	--	1.5	310	--	1.5
		Ethanol	7,900	--	460	3,100	--	440	ND	U	760	ND	U	710	11	J	3.9	5.1	J	3.9
		Ethyl acetate	210	J	360	160	J	340	ND	U	590	ND	U	560	5.1	J	3.1	ND	U	3.1
		Ethylbenzene	92	J	94	ND	U	90	1,500	--	160	1,500	--	150	2.5	--	0.8	ND	U	0.8
		Hexane	220	J	180	69	J	170	100,000	--	1,200	130,000	--	1,100	0.63	J	1.5	0.74	J	1.5
		Isopropyl alcohol	1,600	--	350	410	J	330	ND	U	580	ND	U	540	5.4	--	3	ND	U	3
		m- & p-Xylenes	290	J	190	90	J	180	9,100	--	310	9,300	--	290	3.9	J	1.6	ND	U	1.6
		Methylene chloride	1,000	--	180	400	--	170	ND	U	290	ND	U	270	2.6	--	1.5	ND	U	1.5
		Naphthalene	ND	U	170	ND	U	160	ND	U	280	ND	U	270	4.7	--	1.5	ND	U	1.5
		n-Heptane	110	J	180	ND	U	170	110,000	--	1,200	130,000	--	1,100	0.55	J	1.5	0.59	J	1.5
		o-Xylene	110	J	94	ND	U	90	6,100	--	160	6,200	--	150	0.95	J	0.8	ND	U	0.8
		Propylene (propene)	710	--	180	ND	U	170	730	--	290	1,200	--	270	2.6	--	1.5	2	J	1.5
		Styrene	ND	U	180	ND	U	170	ND	U	290	ND	U	270	0.52	J	1.5	ND	U	1.5
		Tetrachloroethene	ND	U	94	ND	U	90	69	J	160	63	J	150	1	J	0.8	0.9	J	0.8
		Tetrahydrofuran	42	J	94	ND	U	90	ND	U	160	ND	U	150	7.2	--	0.8	2.5	J	0.8
		Toluene	440	--	94	ND	U	90	18,000	--	160	19,000	--	150	3.8	--	0.8	1	J	0.8
		Trichloroethene	ND	U	94	ND	U	90	ND	U	160	ND	U	150	0.94	J	0.8	0.88	J	0.8
		Trichlorofluoromethane	93	J	180	ND	U	170	ND	U	290	ND	U	270	27	--	1.5	28	--	1.5
		Vinyl chloride	ND	U	94	ND	U	90	ND	U	160	ND	U	150	ND	U	0.8	ND	U	0.8
		Xylenes, total	400	J	190	90	J	180	15,000	--	310	16,000	--	290	4.9	--	1.6	ND	U	1.6

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106115-025			KAFB-106115-025			KAFB-106116-350			KAFB-106116-350			KAFB-106118-450			KAFB-106118-450		
		Field Sample ID:	SV115-025-212			SV115-025-612			SV116-350-212			SV116-350-612			SV118-450-212			SV118-450-612		
		Sample Date:	4/13/2021			4/13/2021			4/6/2021			4/6/2021			4/19/2021			4/19/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	J	0.75	0.56	J	0.8	26	J	24	ND	U	63	26	J	16	40	J	31
		1,1-Dichloroethane	ND	U	1.5	ND	U	1.6	ND	U	47	ND	U	120	ND	U	32	ND	U	60
		1,2,4-Trichlorobenzene	ND	U	1.4	ND	U	1.5	ND	U	46	ND	U	120	ND	U	31	ND	U	59
		1,2,4-Trimethylbenzene	20	--	0.75	31	--	0.8	11	J	24	ND	U	63	ND	U	16	56	J	31
		1,2-Dibromoethane	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		1,2-Dichloroethane	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		1,3,5-Trimethylbenzene	8.5	--	0.75	11	--	0.8	57	J	24	54	J	63	13	J	16	28	J	31
		1,3-Butadiene	ND	U	1.4	ND	U	1.5	ND	U	46	ND	U	120	ND	U	31	ND	U	59
		1,4-Dioxane	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		2-Butanone	10	--	1.4	11	--	1.5	ND	U	46	ND	U	120	ND	U	31	62	J	59
		2-Hexanone	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		4-Methyl-2-pentanone	0.55	J	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		Acetone	19	J	12	14	J	13	ND	U	390	ND	U	1,000	ND	U	260	ND	U	490
		Benzene	2.5	--	0.75	4.5	--	0.8	420	--	24	390	--	63	130	--	16	45	J	31
		Bromodichloromethane	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		Bromoform	ND	U	1.4	ND	U	1.5	ND	U	46	ND	U	120	ND	U	31	ND	U	59
		Carbon disulfide	3.5	J	2.4	2	J	2.5	ND	U	77	ND	U	200	120	--	52	220	--	99
		Carbon tetrachloride	3	--	0.75	2.9	--	0.8	ND	U	24	ND	U	63	46	J	16	56	J	31
		Chloroethane	ND	U	1.4	ND	U	1.5	ND	U	46	ND	U	120	ND	U	31	ND	U	59
		Chloroform	0.86	J	0.75	0.85	J	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		Chloromethane	ND	U	1.4	ND	U	1.5	ND	U	46	ND	U	120	13	J	31	20	J	59
		Cyclohexane	1.6	J	1.5	2.3	J	1.6	8,700	--	49	8,100	--	130	16,000	--	33	23,000	--	62
		Dibromochloromethane	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		Dichlorodifluoromethane	2.2	J	1.4	2.1	J	1.5	260	--	46	250	--	120	ND	U	31	ND	U	59
		Ethanol	34	--	3.7	28	--	3.9	860	J	120	1,700	J	310	ND	U	81	150	J	150
		Ethyl acetate	ND	U	2.9	ND	U	3.1	ND	U	93	ND	U	240	ND	U	63	ND	U	120
		Ethylbenzene	3	--	0.75	5.4	--	0.8	11	J	24	ND	U	63	ND	U	16	39	J	31
		Hexane	1.9	J	1.4	3.6	--	1.5	880	--	46	830	--	120	3,600	--	31	5,400	--	59
		Isopropyl alcohol	14	--	2.8	2.4	J	3	71	J	90	120	J	230	ND	U	61	ND	U	120
		m- & p-Xylenes	17	--	1.5	30	--	1.6	35	J	49	55	J	130	ND	U	33	82	J	62
		Methylene chloride	ND	U	1.4	ND	U	1.5	75	--	46	120	J	120	ND	U	31	ND	U	59
		Naphthalene	4.7	--	1.4	8.1	--	1.5	ND	U	44	ND	U	110	ND	U	30	ND	U	57
		n-Heptane	4.5	--	1.4	8.9	--	1.5	180	--	46	180	J	120	17	J	31	89	J	59
		o-Xylene	6.5	--	0.75	10	--	0.8	43	J	24	50	J	63	34	J	16	48	J	31
		Propylene (propene)	6.7	--	1.4	1.7	J	1.5	150	--	46	ND	U	120	47	J	31	ND	U	59
		Styrene	ND	U	1.4	ND	U	1.5	ND	U	46	ND	U	120	ND	U	31	ND	U	59
		Tetrachloroethene	0.74	J	0.75	0.77	J	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		Tetrahydrofuran	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	13	J	16	28	J	31
		Toluene	15	--	0.75	27	--	0.8	ND	U	24	ND	U	63	120	--	16	200	--	31
		Trichloroethene	ND	U	0.75	ND	U	0.8	21	J	24	ND	U	63	ND	U	16	ND	U	31
		Trichlorofluoromethane	1.1	J	1.4	1.1	J	1.5	37	J	46	38	J	120	ND	U	31	ND	U	59
		Vinyl chloride	ND	U	0.75	ND	U	0.8	ND	U	24	ND	U	63	ND	U	16	ND	U	31
		Xylenes, total	24	--	1.5	40	--	1.6	78	J	49	110	J	130	34	J	33	130	J	62

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106120-025			KAFB-106120-025			KAFB-106121-145			KAFB-106121-145			KAFB-106124-250			KAFB-106124-250		
		Field Sample ID:	SV120-025-212			SV120-025-612			SV121-145-212			SV121-145-612			SV124-250-212			SV124-250-612		
		Sample Date:	4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/5/2021			4/5/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	0.6	J	0.88	0.58	J	0.71	1.1	J	0.72	1.2	J	0.87	ND	U	0.81	ND	U	0.77
		1,1-Dichloroethane	ND	U	1.7	ND	U	1.4	ND	U	1.4	ND	U	1.7	ND	U	1.6	ND	U	1.5
		1,2,4-Trichlorobenzene	ND	U	1.6	ND	U	1.3	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		1,2,4-Trimethylbenzene	44	--	0.88	54	--	0.71	9.9	--	0.72	35	--	0.87	ND	U	0.81	ND	U	0.77
		1,2-Dibromoethane	ND	U	0.88	ND	U	0.71	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.77
		1,2-Dichloroethane	ND	U	0.88	ND	U	0.71	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.77
		1,3,5-Trimethylbenzene	10	--	0.88	13	--	0.71	2.1	J	0.72	7.5	--	0.87	ND	U	0.81	ND	U	0.77
		1,3-Butadiene	ND	U	1.6	ND	U	1.3	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		1,4-Dioxane	ND	U	0.88	ND	U	0.71	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.77
		2-Butanone	5.9	--	1.6	7.1	--	1.3	3.6	J	1.4	2.5	J	1.6	0.95	J	1.5	36	--	1.4
		2-Hexanone	2.6	J	0.88	ND	U	0.71	0.38	J	0.72	ND	U	0.87	ND	U	0.81	0.72	J	0.77
		4-Methyl-2-pentanone	0.43	J	0.88	0.31	J	0.71	ND	U	0.72	ND	U	0.87	ND	U	0.81	1.3	J	0.77
		Acetone	18	J	14	27	--	11	9.1	J	11	9.2	J	14	10	J	13	120	--	12
		Benzene	1.1	J	0.88	5.2	--	0.71	0.55	J	0.72	0.63	J	0.87	ND	U	0.81	0.51	J	0.77
		Bromodichloromethane	120	--	0.88	110	--	0.71	3.2	--	0.72	3.5	--	0.87	ND	U	0.81	0.35	J	0.77
		Bromoform	ND	U	1.6	ND	U	1.3	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		Carbon disulfide	40	--	2.8	1.9	J	2.3	4	J	2.3	2.9	J	2.8	7.7	--	2.6	13	--	2.4
		Carbon tetrachloride	3.3	--	0.88	3.1	--	0.71	13	--	0.72	14	--	0.87	4.7	--	0.81	4.1	--	0.77
		Chloroethane	ND	U	1.6	ND	U	1.3	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		Chloroform	460	--	0.88	430	--	7.1	34	--	0.72	37	--	0.87	3.7	--	0.81	4.4	--	0.77
		Chloromethane	ND	U	1.6	0.44	J	1.3	ND	U	1.4	ND	U	1.6	ND	U	1.5	2.1	J	1.4
		Cyclohexane	1.8	J	1.8	2	J	1.4	ND	U	1.4	ND	U	1.7	ND	U	1.6	ND	U	1.5
		Dibromochloromethane	3.6	--	0.88	3.3	--	0.71	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.77
		Dichlorodifluoromethane	4.9	--	1.6	4.8	--	1.3	23	--	1.4	25	--	1.6	1.3	J	1.5	1.3	J	1.4
		Ethanol	7.4	J	4.3	13	J	3.5	19	J	3.5	2.1	J	4.2	3.1	J	4	10	J	3.8
		Ethyl acetate	ND	U	3.3	25	--	2.7	7	--	2.7	ND	U	3.3	ND	U	3.1	ND	U	2.9
		Ethylbenzene	4.6	--	0.88	7.2	--	0.71	1.2	J	0.72	4.4	--	0.87	ND	U	0.81	ND	U	0.77
		Hexane	2.4	J	1.6	2.2	J	1.3	0.9	J	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		Isopropyl alcohol	ND	U	3.2	4.4	--	2.6	2.1	J	2.7	ND	U	3.2	ND	U	3	1.5	J	2.9
		m- & p-Xylenes	28	--	1.8	49	--	1.4	6.9	--	1.4	25	--	1.7	ND	U	1.6	ND	U	1.5
		Methylene chloride	2.2	J	1.6	2.8	--	1.3	4.6	--	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		Naphthalene	5.9	--	1.6	5.1	--	1.3	3	--	1.3	6.1	--	1.6	ND	U	1.5	ND	U	1.4
		n-Heptane	5.4	--	1.6	6.8	--	1.3	0.85	J	1.4	2	J	1.6	ND	U	1.5	ND	U	1.4
		o-Xylene	8.6	--	0.88	16	--	0.71	2	J	0.72	6.7	--	0.87	ND	U	0.81	ND	U	0.77
		Propylene (propene)	0.79	J	1.6	2.3	--	1.3	0.76	J	1.4	ND	U	1.6	ND	U	1.5	5.3	--	1.4
		Styrene	ND	U	1.6	ND	U	1.3	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.4
		Tetrachloroethene	3.6	--	0.88	3.8	--	0.71	2	J	0.72	3.1	--	0.87	0.41	J	0.81	0.64	J	0.77
		Tetrahydrofuran	0.96	J	0.88	1.6	J	0.71	9.4	--	0.72	11	--	0.87	4.8	--	0.81	11	--	0.77
		Toluene	9.1	--	0.88	30	--	0.71	4.4	--	0.72	6.9	--	0.87	ND	U	0.81	1.1	J	0.77
		Trichloroethene	2.2	J	0.88	2.2	--	0.71	ND	U	0.72	ND	U	0.87	1.1	J	0.81	ND	U	0.77
		Trichlorofluoromethane	1.3	J	1.6	1.4	J	1.3	2.1	J	1.4	2.2	J	1.6	1	J	1.5	1.1	J	1.4
		Vinyl chloride	ND	U	0.88	ND	U	0.71	ND	U	0.72	ND	U	0.87	ND	U	0.81	ND	U	0.77
		Xylenes, total	37	--	1.8	65	--	1.4	8.9	--	1.4	32	--	1.7	ND	U	1.6	ND	U	1.5

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106127-250			KAFB-106127-250			KAFB-106130-450			KAFB-106130-450			KAFB-106133-250			KAFB-106133-250		
		Field Sample ID:	SV127-250-212			SV127-250-612			SV130-450-212			SV130-450-612			SV133-250-212			SV133-250-612		
		Sample Date:	4/5/2021			4/5/2021			4/20/2021			4/20/2021			4/6/2021			4/6/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	0.77	J	1.1	ND	U	0.85	65	J	35	ND	U	14	13	--	0.82	11	--	0.79
		1,1-Dichloroethane	ND	U	2.2	ND	U	1.7	ND	U	68	ND	U	28	ND	U	1.6	ND	U	1.5
		1,2,4-Trichlorobenzene	ND	U	2.1	ND	U	1.6	ND	U	66	ND	U	27	ND	U	1.5	ND	U	1.5
		1,2,4-Trimethylbenzene	0.85	J	1.1	ND	U	0.85	19	J	35	30	J	14	ND	U	0.82	0.55	J	0.79
		1,2-Dibromoethane	ND	U	1.1	ND	U	0.85	ND	U	35	ND	U	14	ND	U	0.82	ND	U	0.79
		1,2-Dichloroethane	ND	U	1.1	ND	U	0.85	ND	U	35	ND	U	14	ND	U	0.82	ND	U	0.79
		1,3,5-Trimethylbenzene	ND	U	1.1	ND	U	0.85	19	J	35	12	J	14	ND	U	0.82	ND	U	0.79
		1,3-Butadiene	ND	U	2.1	ND	U	1.6	ND	U	66	ND	U	27	ND	U	1.5	ND	U	1.5
		1,4-Dioxane	ND	U	1.1	ND	U	0.85	ND	U	35	ND	U	14	ND	U	0.82	ND	U	0.79
		2-Butanone	ND	U	2.1	0.98	J	1.6	66	J	66	83	J	27	0.87	J	1.5	6.5	--	1.5
		2-Hexanone	2.3	J	1.1	ND	U	0.85	ND	U	35	ND	U	14	ND	U	0.82	ND	U	0.79
		4-Methyl-2-pentanone	1	J	1.1	ND	U	0.85	ND	U	35	19	J	14	ND	U	0.82	ND	U	0.79
		Acetone	64	--	18	9.5	J	14	ND	U	550	ND	U	230	19	J	13	44	--	13
		Benzene	0.9	J	1.1	0.4	J	0.85	2,600	--	35	2,000	--	14	3.5	--	0.82	3.5	--	0.79
		Bromodichloromethane	ND	U	1.1	ND	U	0.85	ND	U	35	ND	U	14	ND	U	0.82	ND	U	0.79
		Bromoform	ND	U	2.1	ND	U	1.6	ND	U	66	ND	U	27	ND	U	1.5	ND	U	1.5
		Carbon disulfide	340	--	3.5	8.1	--	2.7	94	J	110	110	--	45	9.7	--	2.6	17	--	2.5
		Carbon tetrachloride	6.1	--	1.1	4.1	--	0.85	ND	U	35	ND	U	14	8	--	0.82	6.9	--	0.79
		Chloroethane	ND	U	2.1	ND	U	1.6	ND	U	66	ND	U	27	ND	U	1.5	ND	U	1.5
		Chloroform	4.8	--	1.1	4	--	0.85	ND	U	35	ND	U	14	3.4	--	0.82	3	--	0.79
		Chloromethane	0.58	J	2.1	ND	U	1.6	27	J	66	31	J	27	ND	U	1.5	0.7	J	1.5
		Cyclohexane	ND	U	2.2	ND	U	1.7	1,300	--	70	870	--	28	ND	U	1.6	0.95	J	1.6
		Dibromochloromethane	ND	U	1.1	ND	U	0.85	ND	U	35	ND	U	14	ND	U	0.82	ND	U	0.79
		Dichlorodifluoromethane	3.9	--	2.1	1	J	1.6	24	J	66	ND	U	27	2.2	J	1.5	2.2	J	1.5
		Ethanol	45	--	5.4	2.4	J	4.2	990	J	170	45	J	69	7.2	J	4	43	--	3.9
		Ethyl acetate	23	--	4.3	ND	U	3.3	ND	U	130	ND	U	54	11	--	3.1	93	--	3
		Ethylbenzene	0.69	J	1.1	ND	U	0.85	59	J	35	62	--	14	ND	U	0.82	0.8	J	0.79
		Hexane	4.9	--	2.1	ND	U	1.6	350	--	66	320	--	27	ND	U	1.5	2.7	--	1.5
		Isopropyl alcohol	5.5	J	4.1	ND	U	3.2	80	J	130	33	J	53	5.7	--	3	8.4	--	2.9
		m- & p-Xylenes	2.4	J	2.2	ND	U	1.7	170	J	70	160	--	28	ND	U	1.6	2.5	J	1.6
		Methylene chloride	2.5	J	2.1	ND	U	1.6	67	J	66	ND	U	27	ND	U	1.5	1.8	J	1.5
		Naphthalene	ND	U	2	ND	U	1.6	ND	U	64	ND	U	26	ND	U	1.5	ND	U	1.4
		n-Heptane	1.1	J	2.1	ND	U	1.6	200	--	66	130	--	27	ND	U	1.5	1	J	1.5
		o-Xylene	0.85	J	1.1	ND	U	0.85	66	J	35	45	--	14	ND	U	0.82	0.91	J	0.79
		Propylene (propene)	2.7	J	2.1	ND	U	1.6	150	--	66	34	J	27	1.6	J	1.5	1.6	J	1.5
		Styrene	ND	U	2.1	ND	U	1.6	ND	U	66	ND	U	27	ND	U	1.5	0.46	J	1.5
		Tetrachloroethene	0.55	J	1.1	ND	U	0.85	17	J	35	ND	U	14	18	--	0.82	16	--	0.79
		Tetrahydrofuran	4	J	1.1	2	J	0.85	20	J	35	21	J	14	4.6	J	0.82	11	--	0.79
		Toluene	11	--	1.1	0.67	J	0.85	1,300	--	35	1,300	--	14	1.6	J	0.82	26	--	0.79
		Trichloroethene	ND	U	1.1	ND	U	0.85	19	J	35	18	J	14	1,600	--	8.2	1,400	--	10
		Trichlorofluoromethane	2.1	J	2.1	1.4	J	1.6	ND	U	66	ND	U	27	0.99	J	1.5	0.94	J	1.5
		Vinyl chloride	ND	U	1.1	ND	U	0.85	ND	U	35	5.1	J	14	ND	U	0.82	ND	U	0.79
		Xylenes, total	3.3	J	2.2	ND	U	1.7	240	--	70	200	--	28	ND	U	1.6	3.4	J	1.6

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106134-350			KAFB-106134-350			KAFB-106135-250			KAFB-106135-250			KAFB-106138-150			KAFB-106138-150		
		Field Sample ID:	SV134-350-212			SV134-350-612			SV135-250-212			SV135-250-612			SV138-150-212			SV138-150-612		
		Sample Date:	4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/6/2021			4/6/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	Analytical Method	Analyte	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	1	J	0.89	1	J	0.83	1.6	J	0.84	1.3	J	1	6.6	--	0.78	6.4	--	1.1
		1,1-Dichloroethane	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.5	ND	U	2.1
		1,2,4-Trichlorobenzene	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.5	ND	U	2
		1,2,4-Trimethylbenzene	ND	U	0.89	ND	U	0.83	1.8	J	0.84	1.9	J	1	1.5	J	0.78	11	--	1.1
		1,2-Dibromoethane	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	ND	U	0.78	ND	U	1.1
		1,2-Dichloroethane	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	ND	U	0.78	ND	U	1.1
		1,3,5-Trimethylbenzene	ND	U	0.89	ND	U	0.83	1.1	J	0.84	1.3	J	1	ND	U	0.78	1.9	J	1.1
		1,3-Butadiene	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.5	ND	U	2
		1,4-Dioxane	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	0.79	J	0.78	ND	U	1.1
		2-Butanone	9.1	--	1.7	8	--	1.6	1.5	J	1.6	4.3	J	2	1.1	J	1.5	8.3	--	2
		2-Hexanone	0.84	J	0.89	0.74	J	0.83	ND	U	0.84	1.3	J	1	ND	U	0.78	1.6	J	1.1
		4-Methyl-2-pentanone	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	ND	U	0.78	0.5	J	1.1
		Acetone	7.7	J	14	8.6	J	13	11	J	13	28	J	17	7	J	12	58	--	17
		Benzene	0.93	J	0.89	1	J	0.83	0.57	J	0.84	1.6	J	1	0.67	J	0.78	1	J	1.1
		Bromodichloromethane	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	7.4	--	0.78	7.2	--	1.1
		Bromoform	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.5	ND	U	2
		Carbon disulfide	11	--	2.8	13	--	2.6	19	--	2.7	7.1	--	3.3	8.5	J	2.5	51	J	3.4
		Carbon tetrachloride	0.6	J	0.89	0.65	J	0.83	1.1	J	0.84	0.79	J	1	3.2	--	0.78	3.1	J	1.1
		Chloroethane	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.5	ND	U	2
		Chloroform	0.96	J	0.89	1	J	0.83	2.1	J	0.84	1.6	J	1	39	--	0.78	38	--	1.1
		Chloromethane	ND	U	1.7	ND	U	1.6	ND	U	1.6	0.57	J	2	ND	U	1.5	ND	U	2
		Cyclohexane	ND	U	1.8	ND	U	1.7	ND	U	1.7	0.92	J	2.1	ND	U	1.6	ND	U	2.1
		Dibromochloromethane	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	0.61	J	0.78	0.66	J	1.1
		Dichlorodifluoromethane	2	J	1.7	2	J	1.6	1.1	J	1.6	1.3	J	2	6.1	--	1.5	6	--	2
		Ethanol	23	J	4.3	32	--	4.1	24	J	4.1	39	--	5.1	5.5	J	3.8	13	J	5.2
		Ethyl acetate	ND	U	3.4	1.9	J	3.2	ND	U	3.2	16	--	4	1.4	J	3	3.2	J	4.1
		Ethylbenzene	ND	U	0.89	ND	U	0.83	ND	U	0.84	0.74	J	1	ND	U	0.78	1.6	J	1.1
		Hexane	ND	U	1.7	ND	U	1.6	ND	U	1.6	0.69	J	2	ND	U	1.5	0.69	J	2
		Isopropyl alcohol	1.8	J	3.3	1.5	J	3.1	ND	U	3.1	8.1	--	3.9	ND	U	2.9	3.5	J	4
		m- & p-Xylenes	ND	U	1.8	ND	U	1.7	4.9	J	1.7	9.8	--	2.1	0.87	J	1.6	9	--	2.1
		Methylene chloride	ND	U	1.7	ND	U	1.6	ND	U	1.6	1.8	J	2	ND	U	1.5	ND	U	2
		Naphthalene	ND	U	1.6	ND	U	1.5	ND	U	1.5	ND	U	1.9	1	J	1.4	3	J	2
		n-Heptane	ND	U	1.7	ND	U	1.6	ND	U	1.6	3.5	--	2	ND	U	1.5	0.98	J	2
		o-Xylene	ND	U	0.89	ND	U	0.83	3.1	--	0.84	4.6	--	1	ND	U	0.78	2.1	J	1.1
		Propylene (propene)	1.2	J	1.7	0.79	J	1.6	0.68	J	1.6	2.4	J	2	ND	U	1.5	2.9	J	2
		Styrene	ND	U	1.7	ND	U	1.6	ND	U	1.6	ND	U	2	ND	U	1.5	ND	U	2
		Tetrachloroethene	0.83	J	0.89	0.85	J	0.83	1.7	J	0.84	1.1	J	1	1.2	J	0.78	1.1	J	1.1
		Tetrahydrofuran	5.3	--	0.89	5.4	--	0.83	2.8	J	0.84	3.2	J	1	0.51	J	0.78	3.1	J	1.1
		Toluene	0.52	J	0.89	0.81	J	0.83	1.7	J	0.84	6.6	--	1	1.1	J	0.78	70	J	1.1
		Trichloroethene	79	--	0.89	80	--	0.83	600	--	67	480	--	1	4.2	--	0.78	4.1	--	1.1
		Trichlorofluoromethane	0.79	J	1.7	0.77	J	1.6	0.61	J	1.6	0.73	J	2	21	--	1.5	20	--	2
		Vinyl chloride	ND	U	0.89	ND	U	0.83	ND	U	0.84	ND	U	1	ND	U	0.78	ND	U	1.1
		Xylenes, total	ND	U	1.8	ND	U	1.7	7.9	--	1.7	14	--	2.1	0.87	J	1.6	11	--	2.1

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106139-050			KAFB-106139-050			KAFB-106140-450			KAFB-106140-450			KAFB-106142-170			KAFB-106142-170		
		Field Sample ID:	SV139-050-212			SV139-050-612			SV140-450-212			SV140-450-612			SV142-170-212			SV142-170-612		
		Sample Date:	4/12/2021			4/12/2021			4/12/2021			4/12/2021			4/6/2021			4/6/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	48	--	0.95	53	--	0.76	ND	U	1.8	ND	U	1.9	0.58	J	0.75	0.57	J	1
		1,1-Dichloroethane	ND	U	1.8	ND	U	1.5	ND	U	3.4	ND	U	3.6	ND	U	1.5	ND	U	1.9
		1,2,4-Trichlorobenzene	ND	U	1.8	ND	U	1.4	ND	U	3.3	ND	U	3.5	ND	U	1.4	ND	U	1.9
		1,2,4-Trimethylbenzene	0.81	J	0.95	0.69	J	0.76	8	--	1.8	42	--	1.9	8.6	--	0.75	2.7	J	1
		1,2-Dibromoethane	ND	U	0.95	ND	U	0.76	ND	U	1.8	ND	U	1.9	ND	U	0.75	ND	U	1
		1,2-Dichloroethane	ND	U	0.95	ND	U	0.76	0.9	J	1.8	0.91	J	1.9	ND	U	0.75	ND	U	1
		1,3,5-Trimethylbenzene	ND	U	0.95	0.35	J	0.76	2	J	1.8	10	--	1.9	1.5	J	0.75	0.5	J	1
		1,3-Butadiene	ND	U	1.8	ND	U	1.4	ND	U	3.3	ND	U	3.5	ND	U	1.4	ND	U	1.9
		1,4-Dioxane	0.66	J	0.95	0.9	J	0.76	2.5	J	1.8	ND	U	1.9	ND	U	0.75	2.3	J	1
		2-Butanone	2.9	J	1.8	3.3	J	1.4	140	--	3.3	320	--	3.5	7.6	--	1.4	12	--	1.9
		2-Hexanone	ND	U	0.95	0.38	J	0.76	ND	U	1.8	ND	U	1.9	1.9	J	0.75	1.1	J	1
		4-Methyl-2-pentanone	ND	U	0.95	ND	U	0.76	3.3	J	1.8	4.3	J	1.9	0.6	J	0.75	0.8	J	1
		Acetone	19	J	15	19	J	12	180	--	28	390	--	30	40	--	12	33	--	16
		Benzene	0.64	J	0.95	0.48	J	0.76	61	--	1.8	53	--	1.9	1	J	0.75	0.71	J	1
		Bromodichloromethane	ND	U	0.95	ND	U	0.76	ND	U	1.8	ND	U	1.9	ND	U	0.75	ND	U	1
		Bromoform	ND	U	1.8	ND	U	1.4	ND	U	3.3	ND	U	3.5	ND	U	1.4	ND	U	1.9
		Carbon disulfide	6.1	--	3	6.5	--	2.4	35	--	5.6	15	--	5.9	8.1	--	2.4	120	--	3.2
		Carbon tetrachloride	20	--	0.95	23	--	0.76	2.8	J	1.8	2.8	J	1.9	1.1	J	0.75	1.6	J	1
		Chloroethane	ND	U	1.8	ND	U	1.4	1.3	J	3.3	1.2	J	3.5	ND	U	1.4	ND	U	1.9
		Chloroform	6.6	--	0.95	7.6	--	0.76	1.8	J	1.8	1.7	J	1.9	0.92	J	0.75	0.79	J	1
		Chloromethane	ND	U	1.8	ND	U	1.4	7.1	--	3.3	7.3	--	3.5	0.63	J	1.4	ND	U	1.9
		Cyclohexane	1.8	J	1.9	ND	U	1.5	20	--	3.5	20	--	3.7	1.3	J	1.5	ND	U	2
		Dibromochloromethane	ND	U	0.95	ND	U	0.76	ND	U	1.8	ND	U	1.9	ND	U	0.75	ND	U	1
		Dichlorodifluoromethane	2.3	J	1.8	2.4	--	1.4	8.7	--	3.3	8.6	--	3.5	17	--	1.4	23	--	1.9
		Ethanol	32	--	4.6	6.8	J	3.7	13	J	8.6	30	J	9.1	50	--	3.7	8.1	J	4.9
		Ethyl acetate	11	--	3.6	2.4	J	2.9	ND	U	6.8	ND	U	7.2	58	--	2.9	ND	U	3.8
		Ethylbenzene	ND	U	0.95	ND	U	0.76	2.6	J	1.8	7.6	--	1.9	1.4	J	0.75	ND	U	1
		Hexane	0.66	J	1.8	ND	U	1.4	3.5	J	3.3	4.1	J	3.5	3.3	--	1.4	ND	U	1.9
		Isopropyl alcohol	5.3	J	3.5	ND	U	2.8	2.9	J	6.6	3.8	J	6.9	22	--	2.8	1.4	J	3.7
		m- & p-Xylenes	2.7	J	1.9	3.1	J	1.5	8.7	J	3.5	36	--	3.7	6.1	--	1.5	1.6	J	2
		Methylene chloride	0.99	J	1.8	4	--	1.4	ND	U	3.3	ND	U	3.5	4.7	--	1.4	ND	U	1.9
		Naphthalene	ND	U	1.7	ND	U	1.4	ND	U	3.2	4.9	J	3.4	5.8	--	1.4	2.6	J	1.8
		n-Heptane	6.9	--	1.8	ND	U	1.4	1.5	J	3.3	4.1	J	3.5	2.2	J	1.4	ND	U	1.9
		o-Xylene	1.2	J	0.95	1.5	J	0.76	2.8	J	1.8	10	--	1.9	1.9	J	0.75	0.5	J	1
		Propylene (propene)	1.7	J	1.8	0.69	J	1.4	1.8	J	3.3	2.1	J	3.5	4.5	--	1.4	1.4	J	1.9
		Styrene	0.54	J	1.8	ND	U	1.4	ND	U	3.3	ND	U	3.5	0.44	J	1.4	ND	U	1.9
		Tetrachloroethene	0.49	J	0.95	0.47	J	0.76	0.93	J	1.8	1.7	J	1.9	0.66	J	0.75	0.7	J	1
		Tetrahydrofuran	8.3	--	0.95	9.9	--	0.76	49	--	1.8	110	--	1.9	1	J	0.75	1.1	J	1
		Toluene	5.4	--	0.95	1.5	J	0.76	36	--	1.8	42	--	1.9	9.9	--	0.75	1.3	J	1
		Trichloroethene	ND	U	0.95	0.59	J	0.76	ND	U	1.8	2.2	J	1.9	ND	U	0.75	ND	U	1
		Trichlorofluoromethane	3.7	--	1.8	4.1	--	1.4	1.2	J	3.3	1.3	J	3.5	13	--	1.4	18	--	1.9
		Vinyl chloride	ND	U	0.95	ND	U	0.76	0.82	J	1.8	0.75	J	1.9	ND	U	0.75	ND	U	1
		Xylenes, total	3.8	J	1.9	4.6	--	1.5	11	--	3.5	46	--	3.7	8	--	1.5	2.1	J	2

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	KAFB-106V3-007			KAFB-106V3-007			SVEW-06-060			SVEW-06-060			SVEW-10-410			SVEW-10-410		
		Field Sample ID:	SV3-007-212			SV3-007-612			SVE06-060-212			SVE06-060-612			SVE10-410-212			SVE10-410-612		
		Sample Date:	4/20/2021			4/20/2021			4/5/2021			4/5/2021			4/19/2021			4/19/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	--	0.76	3.6	--	0.79	ND	U	1,600	ND	U	1,400	280	--	4	270	--	4
		1,1-Dichloroethane	ND	U	1.5	ND	U	1.5	ND	U	3,100	ND	U	2,800	ND	U	8	ND	U	9
		1,2,4-Trichlorobenzene	ND	U	1.4	ND	U	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		1,2,4-Trimethylbenzene	26	--	0.76	39	--	0.79	21,000	--	1,600	13,000	--	1,400	7	J	4	6.3	J	4
		1,2-Dibromoethane	6.8	--	0.76	6.6	--	0.79	ND	U	1,600	ND	U	1,400	ND	U	4	ND	U	4
		1,2-Dichloroethane	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	ND	U	4	ND	U	4
		1,3,5-Trimethylbenzene	29	--	0.76	28	--	0.79	7,300	--	1,600	4,800	--	1,400	5.6	J	4	5.3	J	4
		1,3-Butadiene	ND	U	1.4	ND	U	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		1,4-Dioxane	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	ND	U	4	ND	U	4
		2-Butanone	14	--	1.4	11	--	1.5	31,000	--	3,000	30,000	--	2,700	8.1	J	8	6.2	J	9
		2-Hexanone	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	ND	U	4	ND	U	4
		4-Methyl-2-pentanone	0.49	J	0.76	0.59	J	0.79	1,100	J	1,600	1,100	J	1,400	ND	U	4	ND	U	4
		Acetone	24	--	12	32	--	12	140,000	--	25,000	140,000	--	23,000	ND	U	69	ND	U	77
		Benzene	260	--	0.76	210	--	0.79	150,000	--	1,600	140,000	--	1,400	500	--	4	470	--	4
		Bromodichloromethane	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	ND	U	4	ND	U	4
		Bromoform	ND	U	1.4	ND	U	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		Carbon disulfide	1.7	J	2.4	ND	U	2.5	ND	U	5,100	ND	U	4,600	45	--	14	39	--	15
		Carbon tetrachloride	0.78	J	0.76	0.76	J	0.79	ND	U	1,600	ND	U	1,400	5.1	J	4	5.1	J	4
		Chloroethane	ND	U	1.4	ND	U	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		Chloroform	0.6	J	0.76	0.54	J	0.79	ND	U	1,600	ND	U	1,400	3	J	4	2.7	J	4
		Chloromethane	ND	U	1.4	ND	U	1.5	ND	U	3,000	ND	U	2,700	43	--	8	43	--	9
		Cyclohexane	1,200	--	15	1,300	--	16	790,000	--	3,200	760,000	--	2,900	30	--	8	28	J	9
		Dibromochloromethane	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	ND	U	4	ND	U	4
		Dichlorodifluoromethane	2.3	--	1.4	1.3	J	1.5	ND	U	3,000	ND	U	2,700	3.2	J	8	3.1	J	9
		Ethanol	32	--	3.7	33	--	3.8	27,000	J	7,800	24,000	J	7,000	21	J	21	20	J	24
		Ethyl acetate	ND	U	2.9	ND	U	3	ND	U	6,100	ND	U	5,500	ND	U	17	ND	U	19
		Ethylbenzene	110	--	0.76	91	--	0.79	76,000	--	1,600	63,000	--	1,400	60	--	4	56	--	4
		Hexane	320	--	1.4	360	--	1.5	820,000	--	3,000	800,000	--	2,700	160	--	8	150	--	9
		Isopropyl alcohol	5.3	J	2.8	1,600	J	29	6,200	J	5,900	5,300	J	5,300	26	J	16	ND	U	18
		m- & p-Xylenes	190	--	1.5	170	--	1.6	78,000	--	3,200	62,000	--	2,900	230	--	8	210	--	9
		Methylene chloride	ND	U	1.4	ND	U	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		Naphthalene	5.3	--	1.4	9.5	--	1.4	ND	U	2,900	ND	U	2,600	ND	U	8	ND	U	8
		n-Heptane	160	--	1.4	180	--	1.5	730,000	--	3,000	690,000	--	2,700	63	--	8	59	--	9
		o-Xylene	120	--	0.76	100	--	0.79	29,000	--	1,600	22,000	--	1,400	57	--	4	53	--	4
		Propylene (propene)	5.5	J	1.4	170	J	1.5	4,300	J	3,000	4,200	J	2,700	11	J	8	11	J	9
		Styrene	0.65	J	1.4	0.73	J	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		Tetrachloroethene	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	7.8	J	4	7.5	J	4
		Tetrahydrofuran	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	73	--	4	75	--	4
		Toluene	840	--	7.6	700	--	7.9	340,000	--	1,600	310,000	--	1,400	2,600	--	4	2,500	--	4
		Trichloroethene	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	20	--	4	19	--	4
		Trichlorofluoromethane	1.3	J	1.4	1.1	J	1.5	ND	U	3,000	ND	U	2,700	ND	U	8	ND	U	9
		Vinyl chloride	ND	U	0.76	ND	U	0.79	ND	U	1,600	ND	U	1,400	3.2	J	4	3.2	J	4
		Xylenes, total	310	--	1.5	270	--	1.6	110,000	--	3,200	85,000	--	2,900	290	--	8	270	--	9

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	SVEW-11-410			SVEW-11-410			SVMW-02-150			SVMW-02-150			SVMW-04-050			SVMW-04-050		
		Field Sample ID:	SVE11-410-212			SVE11-410-612			SV02-150-212			SV02-150-612			SV04-050-212			SV04-050-612		
		Sample Date:	4/20/2021			4/20/2021			4/19/2021			4/19/2021			4/5/2021			4/5/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	Analytical Method	Analyte	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD	Result	Val Qual	LOD
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		1,1-Dichloroethane	ND	U	57	ND	U	62	ND	U	5,100	ND	U	4,900	ND	U	7,100	ND	U	6,900
		1,2,4-Trichlorobenzene	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		1,2,4-Trimethylbenzene	440	--	29	380	--	32	19,000	--	2,600	23,000	--	2,500	ND	U	3,700	ND	U	3,600
		1,2-Dibromoethane	ND	U	29	ND	U	32	1,300	J	2,600	1,600	J	2,500	ND	U	3,700	ND	U	3,600
		1,2-Dichloroethane	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		1,3,5-Trimethylbenzene	490	--	29	430	--	32	13,000	--	2,600	15,000	--	2,500	ND	U	3,700	ND	U	3,600
		1,3-Butadiene	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		1,4-Dioxane	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		2-Butanone	ND	U	55	ND	U	60	6,900	J	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		2-Hexanone	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		4-Methyl-2-pentanone	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Acetone	ND	U	460	ND	U	510	ND	U	42,000	ND	U	40,000	ND	U	58,000	ND	U	57,000
		Benzene	5,600	--	29	5,200	--	32	570,000	--	2,600	590,000	--	2,500	39,000	--	3,700	50,000	--	3,600
		Bromodichloromethane	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Bromoform	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Carbon disulfide	ND	U	93	ND	U	100	ND	U	8,300	ND	U	8,000	ND	U	12,000	ND	U	11,000
		Carbon tetrachloride	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Chloroethane	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Chloroform	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Chloromethane	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Cyclohexane	27,000	--	58	26,000	--	64	1,700,000	--	5,200	1,700,000	--	5,000	ND	U	7,300	ND	U	7,100
		Dibromochloromethane	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Dichlorodifluoromethane	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Ethanol	ND	U	140	ND	U	160	ND	U	13,000	ND	U	12,000	ND	U	18,000	ND	U	17,000
		Ethyl acetate	ND	U	110	68	J	120	ND	U	10,000	ND	U	9,700	ND	U	14,000	ND	U	14,000
		Ethylbenzene	510	--	29	480	--	32	90,000	--	2,600	98,000	--	2,500	ND	U	3,700	ND	U	3,600
		Hexane	6,300	--	55	5,800	--	60	1,400,000	--	4,900	1,500,000	--	4,800	ND	U	6,900	ND	U	6,700
		Isopropyl alcohol	ND	U	110	ND	U	120	ND	U	9,700	ND	U	9,400	ND	U	14,000	ND	U	13,000
		m- & p-Xylenes	5,700	--	58	5,400	--	64	310,000	--	5,200	340,000	--	5,000	ND	U	7,300	ND	U	7,100
		Methylene chloride	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Naphthalene	ND	U	53	ND	U	59	ND	U	4,800	4,500	J	4,600	ND	U	6,700	ND	U	6,500
		n-Heptane	4,600	--	55	4,300	--	60	2,800,000	--	9,900	2,800,000	--	12,000	ND	U	6,900	ND	U	6,700
		o-Xylene	2,200	--	29	2,000	--	32	100,000	--	2,600	110,000	--	2,500	ND	U	3,700	ND	U	3,600
		Propylene (propene)	300	--	55	280	--	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Styrene	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Tetrachloroethene	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Tetrahydrofuran	17	J	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Toluene	8,300	--	29	7,900	--	32	1,200,000	--	2,600	1,300,000	--	2,500	2,500	J	3,700	3,900	J	3,600
		Trichloroethene	ND	U	29	ND	U	32	ND	U	2,600	1,400	J	2,500	ND	U	3,700	ND	U	3,600
		Trichlorofluoromethane	ND	U	55	ND	U	60	ND	U	4,900	ND	U	4,800	ND	U	6,900	ND	U	6,700
		Vinyl chloride	ND	U	29	ND	U	32	ND	U	2,600	ND	U	2,500	ND	U	3,700	ND	U	3,600
		Xylenes, total	7,900	--	58	7,400	--	64	410,000	--	5,200	450,000	--	5,000	ND	U	7,300	ND	U	7,100

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

		Well Location ID:	SVMW-05-050			SVMW-05-050			SVMW-06-100			SVMW-06-100			SVMW-14-450			SVMW-14-450		
		Field Sample ID:	SV05-050-212			SV05-050-612			SV06-100-212			SV06-100-612			SV14-450-212			SV14-450-612		
		Sample Date:	4/19/2021			4/19/2021			4/19/2021			4/19/2021			4/13/2021			4/13/2021		
		Sample Type:	REG			Field Duplicate			REG			Field Duplicate			REG			Field Duplicate		
Parameter	**Analytical Method**	**Analyte**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**	**Result**	**Val Qual**	**LOD**
VOCs	Method TO-15 ($\mu g/m^3$)	1,1,2-Trichloro-1,2,2-trifluoroethane	74	--	0.78	75	--	0.74	99	--	0.82	90	--	0.75	0.42	J	0.81	0.4	J	0.79
		1,1-Dichloroethane	ND	U	1.5	ND	U	1.4	ND	U	1.6	ND	U	1.5	ND	U	1.6	ND	U	1.5
		1,2,4-Trichlorobenzene	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.5
		1,2,4-Trimethylbenzene	32	--	0.78	49	--	0.74	27	--	0.82	27	--	0.75	ND	U	0.81	ND	U	0.79
		1,2-Dibromoethane	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	ND	U	0.81	ND	U	0.79
		1,2-Dichloroethane	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	ND	U	0.81	ND	U	0.79
		1,3,5-Trimethylbenzene	11	--	0.78	15	--	0.74	7.7	--	0.82	7.6	--	0.75	ND	U	0.81	ND	U	0.79
		1,3-Butadiene	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.5
		1,4-Dioxane	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	ND	U	0.81	ND	U	0.79
		2-Butanone	5.3	--	1.5	7.5	--	1.4	3.8	J	1.5	1.4	J	1.4	8.5	--	1.5	9.4	--	1.5
		2-Hexanone	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	0.93	J	0.81	1.5	J	0.79
		4-Methyl-2-pentanone	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	ND	U	0.81	ND	U	0.79
		Acetone	14	J	12	7.7	J	12	14	J	13	29	--	12	8.7	J	13	11	J	13
		Benzene	3.9	--	0.78	14	--	0.74	6.4	--	0.82	6.6	--	0.75	0.71	J	0.81	1.2	J	0.79
		Bromodichloromethane	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	ND	U	0.81	ND	U	0.79
		Bromoform	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.5
		Carbon disulfide	2.2	J	2.5	2.4	J	2.3	2	J	2.6	10	--	2.4	2.5	J	2.6	4.8	--	2.5
		Carbon tetrachloride	1.1	J	0.78	1.1	J	0.74	25	--	0.82	23	--	0.75	1.9	J	0.81	2	J	0.79
		Chloroethane	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.5
		Chloroform	ND	U	0.78	ND	U	0.74	2.4	J	0.82	2.4	--	0.75	ND	U	0.81	ND	U	0.79
		Chloromethane	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	0.41	J	1.5	0.77	J	1.5
		Cyclohexane	18	--	1.6	37	--	1.5	4.4	J	1.6	5.1	--	1.5	ND	U	1.6	1.6	J	1.6
		Dibromochloromethane	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	ND	U	0.81	ND	U	0.79
		Dichlorodifluoromethane	5.1	--	1.5	5.2	--	1.4	22	--	1.5	20	--	1.4	11	--	1.5	11	--	1.5
		Ethanol	13	J	3.8	15	J	3.6	7.9	J	4	16	J	3.7	25	J	3.9	27	--	3.9
		Ethyl acetate	ND	U	3	ND	U	2.8	3.1	J	3.1	110	--	2.9	1.9	J	3.1	ND	U	3
		Ethylbenzene	4.1	--	0.78	8.1	--	0.74	8.7	--	0.82	8.7	--	0.75	ND	U	0.81	ND	U	0.79
		Hexane	17	--	1.5	71	--	1.4	7.8	--	1.5	7.8	--	1.4	0.79	J	1.5	4	--	1.5
		Isopropyl alcohol	19	--	2.9	ND	U	2.7	3.1	J	3	850	--	2.8	2.6	J	3	3.3	J	2.9
		m- & p-Xylenes	31	--	1.6	57	--	1.5	49	--	1.6	48	--	1.5	ND	U	1.6	0.85	J	1.6
		Methylene chloride	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.5
		Naphthalene	6.3	--	1.4	13	--	1.3	6.1	--	1.5	7.6	--	1.4	ND	U	1.5	ND	U	1.4
		n-Heptane	31	--	1.5	84	--	1.4	21	--	1.5	23	--	1.4	1.1	J	1.5	6.2	--	1.5
		o-Xylene	13	--	0.78	20	--	0.74	15	--	0.82	15	--	0.75	ND	U	0.81	ND	U	0.79
		Propylene (propene)	7.6	--	1.5	1.5	J	1.4	2.2	J	1.5	270	--	1.4	0.76	J	1.5	0.9	J	1.5
		Styrene	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.4	ND	U	1.5	ND	U	1.5
		Tetrachloroethene	2.2	J	0.78	2.2	J	0.74	2	J	0.82	2	J	0.75	2.3	J	0.81	2.4	J	0.79
		Tetrahydrofuran	13	--	0.78	24	--	0.74	0.6	J	0.82	0.91	J	0.75	5	--	0.81	11	--	0.79
		Toluene	12	--	0.78	33	--	0.74	59	--	0.82	64	--	0.75	1.9	J	0.81	3.2	--	0.79
		Trichloroethene	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	0.76	J	0.81	0.83	J	0.79
		Trichlorofluoromethane	15	--	1.5	15	--	1.4	5.7	--	1.5	5.3	--	1.4	0.52	J	1.5	0.49	J	1.5
		Vinyl chloride	ND	U	0.78	ND	U	0.74	ND	U	0.82	ND	U	0.75	1.2	J	0.81	1.8	J	0.79
		Xylenes, total	44	--	1.6	77	--	1.5	64	--	1.6	63	--	1.5	ND	U	1.6	0.85	J	1.6

Table C-1-4
Field Duplicate Sample Results – Soil Vapor, Q2 2021

ID = identification
LOD = limit of detection
ND = not detected above the detection limit
Val Qual = validation qualifier
VOC = volatile organic compound
REG = normal field sample
$\mu g/m^3$ = microgram per cubic meter
Shading = detected concentrations above the detection limit
Qualifiers:
Val Qual based on independent data validation.
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
-- = Validation qualifier not assigned.

Table C-1-5
Qualified Sample Results Above Project Screening Levels, Q2 2021

Well Location ID	Field Sample ID	Sample Date	Sample Type	Analytical Method	Analyte	Result	LOD	Unit	Val Qual	Validation Reason Code	Project Screening Level [a]
SVMW-10-050	SV10-050-212	4/20/2021	N	TO-15	Hexane	3,300,000	10,000	µg/m^3	J	LCS	24,300
SVMW-10-100	SV10-100-212	4/20/2021	N	TO-15	Hexane	340,000	2,800	µg/m^3	J	LCS	24,300

[a] The project screening level equals the New Mexico Environment Department Vapor Intrusion Screening Level for Residential Soil Gas (2019).

µg/m^3 = microgram per cubic meter

ID = identification

LCS = laboratory control spike

LOD = limit of detection

N = Field sample

Val Quals based on independent data validation

J = Denotes the analyte was positively identified, but the associated numerical value is estimated.

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106028-150	SV028-150-212	4/5/2021	N	P2101875	TO-15	6	1,2-Dibromoethane	< 1	µg/m^3	U	0.38	1	3.2	1.56
KAFB-106028-250	SV028-250-212	4/5/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.77	µg/m^3	U	0.28	0.77	2.4	1.56
KAFB-106028-350	SV028-350-212	4/5/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.77	µg/m^3	U	0.28	0.77	2.3	1.56
KAFB-106028-450	SV028-450-212	4/5/2021	N	P2101875	TO-15	6	1,2-Dibromoethane	3.8	µg/m^3		0.35	0.95	2.9	1.56
KAFB-106108-025	SV108-025-212	4/19/2021	N	P2102243	TO-15	4.4	1,2-Dibromoethane	< 0.75	µg/m^3	U	0.27	0.75	2.3	1.56
KAFB-106108-050	SV108-050-212	4/19/2021	N	P2102243	TO-15	5.05	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	1,2,4-Trichlorobenzene	< 120	µg/m^3	U	48	120	370	69.5
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	1,2-Dibromoethane	< 63	µg/m^3	U	23	63	190	1.56
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	1,2-Dichloroethane	< 63	µg/m^3	U	22	63	190	36
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	1,3-Butadiene	< 120	µg/m^3	U	33	120	190	31.2
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	1,4-Dioxane	< 63	µg/m^3	U	23	63	190	187
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Benzene	1,000	µg/m^3		28	63	190	120
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Bromodichloromethane	< 63	µg/m^3	U	28	63	190	25.3
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Carbon tetrachloride	54	µg/m^3	J	27	63	190	156
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Chloroform	< 63	µg/m^3	U	26	63	200	40.7
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Dibromochloromethane	< 63	µg/m^3	U	26	63	190	34.7
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Naphthalene	< 110	µg/m^3	U	48	110	190	27.5
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Trichloroethene	< 63	µg/m^3	U	27	63	190	69.5
KAFB-106108-150	SV108-150-212	4/19/2021	N	P2102243	TO-15	370	Vinyl chloride	< 63	µg/m^3	U	21	63	200	55.9
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	1,1-Dichloroethane	< 3000	µg/m^3	U	710	3,000	4,900	585
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	1,2,4-Trichlorobenzene	< 2900	µg/m^3	U	1,200	2,900	9,200	69.5
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	1,2-Dibromoethane	< 1600	µg/m^3	U	570	1,600	4,800	1.56
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	1,2-Dichloroethane	< 1600	µg/m^3	U	540	1,600	4,800	36
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	1,3-Butadiene	< 2900	µg/m^3	U	810	2,900	4,800	31.2
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	1,4-Dioxane	< 1600	µg/m^3	U	580	1,600	4,800	187
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Benzene	4,200	µg/m^3	J	700	1,600	4,800	120
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Bromodichloromethane	< 1600	µg/m^3	U	700	1,600	4,800	25.3
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Bromoform	< 2900	µg/m^3	U	1,000	2,900	4,800	851
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Carbon tetrachloride	< 1600	µg/m^3	U	680	1,600	4,700	156
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Chloroform	< 1600	µg/m^3	U	650	1,600	4,800	40.7
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Chloromethane	< 2900	µg/m^3	U	790	2,900	4,800	520
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Dibromochloromethane	< 1600	µg/m^3	U	640	1,600	4,800	34.7
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Dichlorodifluoromethane	< 2900	µg/m^3	U	800	2,900	4,800	3,480
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Ethyl acetate	< 5900	µg/m^3	U	2,600	5,900	9,200	2,430
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Ethylbenzene	< 1600	µg/m^3	U	690	1,600	4,800	374
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	m- & p-Xylenes	< 3100	µg/m^3	U	1,300	3,100	9,200	3,480
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Naphthalene	< 2800	µg/m^3	U	1,200	2,800	4,800	27.5
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	o-Xylene	2,000	µg/m^3	J	700	1,600	4,800	3,480
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Tetrachloroethene	770	µg/m^3	J	630	1,600	4,800	1,390
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Trichloroethene	< 1600	µg/m^3	U	660	1,600	4,700	69.5
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Vinyl chloride	< 1600	µg/m^3	U	520	1,600	4,800	55.9
KAFB-106108-250	SV108-250-212	4/19/2021	N	P2102243	TO-15	9,150	Xylenes, total	2,000	µg/m^3	J	1,300	3,100	9,200	3,480
KAFB-106108-350	SV108-350-212	4/19/2021	N	P2102243	TO-15	33.8	1,2-Dibromoethane	< 5.7	µg/m^3	U	2.1	5.7	18	1.56
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	1,2,4-Trichlorobenzene	< 25	µg/m^3	U	10	25	77	69.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	1,2-Dibromoethane	< 13	µg/m^3	U	4.8	13	40	1.56
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	1,2-Dichloroethane	< 13	µg/m^3	U	4.5	13	40	36

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	1,3-Butadiene	< 25	µg/m^3	U	6.8	25	40	31.2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	Bromodichloromethane	< 13	µg/m^3	U	5.9	13	40	25.3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	Chloroform	12	µg/m^3	J	5.5	13	41	40.7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	Dibromochloromethane	< 13	µg/m^3	U	5.4	13	40	34.7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	P2102243	TO-15	76.8	Naphthalene	< 24	µg/m^3	U	10	24	40	27.5
KAFB-106108-450	SV108-450-212	4/19/2021	N	P2102243	TO-15	4.75	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.29	0.81	2.5	1.56
KAFB-106109-025	SV109-025-212	4/13/2021	N	P2102025	TO-15	4.53	1,2-Dibromoethane	< 0.77	µg/m^3	U	0.28	0.77	2.4	1.56
KAFB-106109-050	SV109-050-212	4/13/2021	N	P2102025	TO-15	4.55	1,2-Dibromoethane	< 0.77	µg/m^3	U	0.28	0.77	2.4	1.56
KAFB-106109-150	SV109-150-212	4/13/2021	N	P2102025	TO-15	5.58	1,2-Dibromoethane	< 0.95	µg/m^3	U	0.35	0.95	2.9	1.56
KAFB-106109-250	SV109-250-212	4/13/2021	N	P2102025	TO-15	4.13	1,2-Dibromoethane	< 0.7	µg/m^3	U	0.26	0.7	2.1	1.56
KAFB-106109-350	SV109-350-212	4/13/2021	N	P2102025	TO-15	5.45	1,2-Dibromoethane	< 0.93	µg/m^3	U	0.34	0.93	2.8	1.56
KAFB-106109-450	SV109-450-212	4/13/2021	N	P2102025	TO-15	4.9	1,2-Dibromoethane	< 0.83	µg/m^3	U	0.3	0.83	2.5	1.56
KAFB-106109-450	SV109-450-612	4/13/2021	FD	P2102025	TO-15	4.33	1,2-Dibromoethane	< 0.74	µg/m^3	U	0.27	0.74	2.2	1.56
KAFB-106110-025	SV110-025-212	4/13/2021	N	P2102025	TO-15	5.1	1,2-Dibromoethane	< 0.87	µg/m^3	U	0.32	0.87	2.7	1.56
KAFB-106110-050	SV110-050-212	4/13/2021	N	P2102025	TO-15	4.28	1,2-Dibromoethane	< 0.73	µg/m^3	U	0.27	0.73	2.2	1.56
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	1,1-Dichloroethane	< 700	µg/m^3	U	160	700	1,100	585
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	1,2,4-Trichlorobenzene	< 680	µg/m^3	U	270	680	2,100	69.5
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	1,2-Dibromoethane	< 360	µg/m^3	U	130	360	1,100	1.56
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	1,2-Dichloroethane	< 360	µg/m^3	U	120	360	1,100	36
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	1,3-Butadiene	< 680	µg/m^3	U	190	680	1,100	31.2
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	1,4-Dioxane	< 360	µg/m^3	U	130	360	1,100	187
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Benzene	6,700	µg/m^3		160	360	1,100	120
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Bromodichloromethane	< 360	µg/m^3	U	160	360	1,100	25.3
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Bromoform	< 680	µg/m^3	U	230	680	1,100	851
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Carbon tetrachloride	< 360	µg/m^3	U	160	360	1,100	156
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Chloroform	< 360	µg/m^3	U	150	360	1,100	40.7
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Chloromethane	< 680	µg/m^3	U	180	680	1,100	520
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Dibromochloromethane	< 360	µg/m^3	U	150	360	1,100	34.7
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Ethylbenzene	< 360	µg/m^3	U	160	360	1,100	374
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Naphthalene	< 650	µg/m^3	U	270	650	1,100	27.5
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Trichloroethene	180	µg/m^3	J	150	360	1,100	69.5
KAFB-106110-150	SV110-150-212	4/13/2021	N	P2102025	TO-15	2,110	Vinyl chloride	< 360	µg/m^3	U	120	360	1,100	55.9
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	1,1-Dichloroethane	< 5600	µg/m^3	U	1,300	5,600	9,200	585
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	1,2,4-Trichlorobenzene	< 5400	µg/m^3	U	2,200	5,400	17,000	69.5
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	1,2-Dibromoethane	< 2900	µg/m^3	U	1,100	2,900	8,800	1.56
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	1,2-Dichloroethane	< 2900	µg/m^3	U	1,000	2,900	8,800	36
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	1,3-Butadiene	< 5400	µg/m^3	U	1,500	5,400	8,800	31.2
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	1,4-Dioxane	< 2900	µg/m^3	U	1,100	2,900	8,800	187
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Benzene	93,000	µg/m^3		1,300	2,900	8,800	120
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Bromodichloromethane	< 2900	µg/m^3	U	1,300	2,900	8,800	25.3
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Bromoform	< 5400	µg/m^3	U	1,900	5,400	9,000	851
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Carbon tetrachloride	< 2900	µg/m^3	U	1,300	2,900	8,700	156
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Chloroform	< 2900	µg/m^3	U	1,200	2,900	9,000	40.7
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Chloromethane	< 5400	µg/m^3	U	1,500	5,400	8,800	520
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Dibromochloromethane	< 2900	µg/m^3	U	1,200	2,900	8,800	34.7
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Dichlorodifluoromethane	< 5400	µg/m^3	U	1,500	5,400	8,800	3,480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Ethyl acetate	< 11000	µg/m^3	U	4,800	11,000	17,000	2,430
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Ethylbenzene	< 2900	µg/m^3	U	1,300	2,900	8,800	374
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	m- & p-Xylenes	15,000	µg/m^3	J	2,400	5,800	17,000	3,480
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Naphthalene	< 5300	µg/m^3	U	2,200	5,300	8,800	27.5
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	o-Xylene	4,900	µg/m^3	J	1,300	2,900	9,000	3,480
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Tetrachloroethene	2,700	µg/m^3	J	1,200	2,900	8,800	1,390
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Trichloroethene	< 2900	µg/m^3	U	1,200	2,900	8,700	69.5
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Vinyl chloride	< 2900	µg/m^3	U	970	2,900	9,000	55.9
KAFB-106110-250	SV110-250-212	4/13/2021	N	P2102025	TO-15	17,000	Xylenes, total	20,000	µg/m^3		2,400	5,800	17,000	3,480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	1,1-Dichloroethane	< 3900	µg/m^3	U	910	3,900	6,300	585
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	1,2,4-Trichlorobenzene	< 3700	µg/m^3	U	1,500	3,700	12,000	69.5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	1,2-Dibromoethane	< 2000	µg/m^3	U	720	2,000	6,100	1.56
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	1,2-Dichloroethane	< 2000	µg/m^3	U	690	2,000	6,100	36
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	1,3-Butadiene	< 3700	µg/m^3	U	1,000	3,700	6,100	31.2
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	1,4-Dioxane	< 2000	µg/m^3	U	740	2,000	6,100	187
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Benzene	80,000	µg/m^3		900	2,000	6,100	120
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Bromodichloromethane	< 2000	µg/m^3	U	900	2,000	6,100	25.3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Bromoform	< 3700	µg/m^3	U	1,300	3,700	6,200	851
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Carbon tetrachloride	< 2000	µg/m^3	U	860	2,000	6,000	156
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Chloroform	< 2000	µg/m^3	U	830	2,000	6,200	40.7
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Chloromethane	< 3700	µg/m^3	U	1,000	3,700	6,100	520
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Dibromochloromethane	< 2000	µg/m^3	U	820	2,000	6,100	34.7
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Dichlorodifluoromethane	< 3700	µg/m^3	U	1,000	3,700	6,100	3,480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Ethyl acetate	< 7600	µg/m^3	U	3,300	7,600	12,000	2,430
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Ethylbenzene	< 2000	µg/m^3	U	880	2,000	6,100	374
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	m- & p-Xylenes	13,000	µg/m^3		1,600	4,000	12,000	3,480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Naphthalene	< 3600	µg/m^3	U	1,500	3,600	6,100	27.5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	o-Xylene	4,600	µg/m^3	J	900	2,000	6,200	3,480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Tetrachloroethene	1,900	µg/m^3	J	810	2,000	6,100	1,390
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Trichloroethene	< 2000	µg/m^3	U	840	2,000	6,000	69.5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Vinyl chloride	< 2000	µg/m^3	U	670	2,000	6,200	55.9
KAFB-106110-250	SV110-250-612	4/13/2021	FD	P2102025	TO-15	11,700	Xylenes, total	18,000	µg/m^3		1,600	4,000	12,000	3,480
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	1,1-Dichloroethane	< 460	µg/m^3	U	110	460	760	585
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	1,2,4-Trichlorobenzene	< 450	µg/m^3	U	180	450	1,400	69.5
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	1,2-Dibromoethane	< 240	µg/m^3	U	87	240	730	1.56
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	1,2-Dichloroethane	< 240	µg/m^3	U	83	240	730	36
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	1,3-Butadiene	< 450	µg/m^3	U	120	450	730	31.2
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	1,4-Dioxane	< 240	µg/m^3	U	89	240	730	187
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Benzene	< 240	µg/m^3	U	110	240	730	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Bromodichloromethane	< 240	µg/m^3	U	110	240	730	25.3
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Carbon tetrachloride	< 240	µg/m^3	U	100	240	720	156
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Chloroform	< 240	µg/m^3	U	100	240	750	40.7
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Chloromethane	< 450	µg/m^3	U	120	450	730	520
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Dibromochloromethane	< 240	µg/m^3	U	98	240	730	34.7
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Ethylbenzene	< 240	µg/m^3	U	110	240	730	374
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Naphthalene	< 440	µg/m^3	U	180	440	730	27.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Trichloroethene	< 240	µg/m^3	U	100	240	720	69.5
KAFB-106110-350	SV110-350-212	4/13/2021	N	P2102025	TO-15	1,410	Vinyl chloride	< 240	µg/m^3	U	80	240	750	55.9
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	1,2,4-Trichlorobenzene	< 40	µg/m^3	U	16	40	120	69.5
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	1,2-Dibromoethane	< 21	µg/m^3	U	7.7	21	65	1.56
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	1,2-Dichloroethane	< 21	µg/m^3	U	7.4	21	65	36
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	1,3-Butadiene	< 40	µg/m^3	U	11	40	65	31.2
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	Bromodichloromethane	< 21	µg/m^3	U	9.6	21	65	25.3
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	Chloroform	< 21	µg/m^3	U	8.9	21	66	40.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	Dibromochloromethane	< 21	µg/m^3	U	8.7	21	65	34.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	Naphthalene	< 39	µg/m^3	U	16	39	65	27.5
KAFB-106110-450	SV110-450-212	4/13/2021	N	P2102025	TO-15	125	Vinyl chloride	8.2	µg/m^3	J	7.1	21	66	55.9
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	1,2,4-Trichlorobenzene	< 45	µg/m^3	U	18	45	140	69.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	1,2-Dibromoethane	< 24	µg/m^3	U	8.8	24	73	1.56
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	1,2-Dichloroethane	< 24	µg/m^3	U	8.3	24	73	36
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	1,3-Butadiene	< 45	µg/m^3	U	12	45	73	31.2
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	Bromodichloromethane	< 24	µg/m^3	U	11	24	73	25.3
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	Chloroform	< 24	µg/m^3	U	10	24	75	40.7
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	Dibromochloromethane	< 24	µg/m^3	U	9.9	24	73	34.7
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	Naphthalene	< 44	µg/m^3	U	18	44	73	27.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	Trichloroethene	33	µg/m^3	J	10	24	72	69.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	P2101875	TO-15	141	Vinyl chloride	14	µg/m^3	J	8.1	24	75	55.9
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	1,2,4-Trichlorobenzene	< 180	µg/m^3	U	72	180	550	69.5
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	1,2-Dibromoethane	< 94	µg/m^3	U	34	94	290	1.56
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	1,2-Dichloroethane	< 94	µg/m^3	U	33	94	290	36
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	1,3-Butadiene	< 180	µg/m^3	U	49	180	290	31.2
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	1,4-Dioxane	< 94	µg/m^3	U	35	94	290	187
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Benzene	1,300	µg/m^3		42	94	290	120
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Bromodichloromethane	< 94	µg/m^3	U	42	94	290	25.3
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Carbon tetrachloride	100	µg/m^3	J	41	94	280	156
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Chloroform	< 94	µg/m^3	U	39	94	290	40.7
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Dibromochloromethane	< 94	µg/m^3	U	39	94	290	34.7
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Naphthalene	< 170	µg/m^3	U	72	170	290	27.5
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Trichloroethene	< 94	µg/m^3	U	40	94	280	69.5
KAFB-106111-050	SV111-050-212	4/6/2021	N	P2101875	TO-15	551	Vinyl chloride	< 94	µg/m^3	U	31	94	290	55.9
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	1,2,4-Trichlorobenzene	< 170	µg/m^3	U	69	170	530	69.5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	1,2-Dibromoethane	< 90	µg/m^3	U	33	90	280	1.56
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	1,2-Dichloroethane	< 90	µg/m^3	U	31	90	280	36
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	1,3-Butadiene	< 170	µg/m^3	U	47	170	280	31.2
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	1,4-Dioxane	< 90	µg/m^3	U	33	90	280	187
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Benzene	1,200	µg/m^3		41	90	280	120
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Bromodichloromethane	< 90	µg/m^3	U	41	90	280	25.3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Carbon tetrachloride	72	µg/m^3	J	39	90	270	156
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Chloroform	< 90	µg/m^3	U	38	90	280	40.7
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Dibromochloromethane	< 90	µg/m^3	U	37	90	280	34.7
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Naphthalene	< 160	µg/m^3	U	69	160	280	27.5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Trichloroethene	< 90	µg/m^3	U	38	90	270	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106111-050	SV111-050-612	4/6/2021	FD	P2101875	TO-15	530	Vinyl chloride	< 90	µg/m^3	U	30	90	280	55.9
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	1,2,4-Trichlorobenzene	< 200	µg/m^3	U	82	200	630	69.5
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	1,2-Dibromoethane	< 110	µg/m^3	U	39	110	330	1.56
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	1,2-Dichloroethane	< 110	µg/m^3	U	37	110	330	36
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	1,3-Butadiene	< 200	µg/m^3	U	56	200	330	31.2
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	1,4-Dioxane	< 110	µg/m^3	U	40	110	330	187
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Benzene	2,500	µg/m^3		49	110	330	120
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Bromodichloromethane	< 110	µg/m^3	U	49	110	330	25.3
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Carbon tetrachloride	94	µg/m^3	J	47	110	320	156
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Chloroform	< 110	µg/m^3	U	45	110	340	40.7
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Dibromochloromethane	< 110	µg/m^3	U	44	110	330	34.7
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Naphthalene	< 200	µg/m^3	U	82	200	330	27.5
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Trichloroethene	< 110	µg/m^3	U	46	110	320	69.5
KAFB-106111-150	SV111-150-212	4/6/2021	N	P2101875	TO-15	633	Vinyl chloride	< 110	µg/m^3	U	36	110	340	55.9
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	1,1-Dichloroethane	< 570	µg/m^3	U	140	570	940	585
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	1,2,4-Trichlorobenzene	< 560	µg/m^3	U	230	560	1,700	69.5
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	1,2-Dibromoethane	< 300	µg/m^3	U	110	300	900	1.56
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	1,2-Dichloroethane	< 300	µg/m^3	U	100	300	900	36
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	1,3-Butadiene	< 560	µg/m^3	U	150	560	900	31.2
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	1,4-Dioxane	< 300	µg/m^3	U	110	300	900	187
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Benzene	44,000	µg/m^3		130	300	900	120
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Bromodichloromethane	< 300	µg/m^3	U	130	300	900	25.3
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Bromoform	< 560	µg/m^3	U	190	560	920	851
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Carbon tetrachloride	230	µg/m^3	J	130	300	890	156
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Chloroform	< 300	µg/m^3	U	120	300	920	40.7
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Chloromethane	< 560	µg/m^3	U	150	560	900	520
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Dibromochloromethane	< 300	µg/m^3	U	120	300	900	34.7
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Ethylbenzene	< 300	µg/m^3	U	130	300	900	374
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Naphthalene	< 540	µg/m^3	U	230	540	900	27.5
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Trichloroethene	< 300	µg/m^3	U	130	300	890	69.5
KAFB-106111-250	SV111-250-212	4/6/2021	N	P2101875	TO-15	1,740	Vinyl chloride	< 300	µg/m^3	U	99	300	920	55.9
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	1,1-Dichloroethane	< 2400	µg/m^3	U	570	2,400	4,000	585
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	1,2,4-Trichlorobenzene	< 2400	µg/m^3	U	960	2,400	7,400	69.5
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	1,2-Dibromoethane	< 1300	µg/m^3	U	460	1,300	3,800	1.56
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	1,2-Dichloroethane	< 1300	µg/m^3	U	430	1,300	3,800	36
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	1,3-Butadiene	< 2400	µg/m^3	U	650	2,400	3,800	31.2
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	1,4-Dioxane	< 1300	µg/m^3	U	460	1,300	3,800	187
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Benzene	140,000	µg/m^3		570	1,300	3,800	120
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Bromodichloromethane	< 1300	µg/m^3	U	570	1,300	3,800	25.3
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Bromoform	< 2400	µg/m^3	U	810	2,400	3,900	851
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Carbon tetrachloride	< 1300	µg/m^3	U	550	1,300	3,800	156
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Chloroform	< 1300	µg/m^3	U	520	1,300	3,900	40.7
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Chloromethane	< 2400	µg/m^3	U	630	2,400	3,800	520
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Dibromochloromethane	< 1300	µg/m^3	U	520	1,300	3,800	34.7
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Dichlorodifluoromethane	950	µg/m^3	J	640	2,400	3,800	3,480
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Ethyl acetate	3,900	µg/m^3	J	2,100	4,800	7,400	2,430

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Ethylbenzene	1,900	µg/m^3	J	550	1,300	3,800	374
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	m- & p-Xylenes	4,100	µg/m^3	J	1,000	2,500	7,400	3,480
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Naphthalene	< 2300	µg/m^3	U	960	2,300	3,800	27.5
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	o-Xylene	13,000	µg/m^3		570	1,300	3,900	3,480
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Tetrachloroethene	< 1300	µg/m^3	U	510	1,300	3,800	1,390
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Trichloroethene	< 1300	µg/m^3	U	530	1,300	3,800	69.5
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Vinyl chloride	< 1300	µg/m^3	U	420	1,300	3,900	55.9
KAFB-106111-350	SV111-350-212	4/6/2021	N	P2101875	TO-15	7,370	Xylenes, total	17,000	µg/m^3		1,000	2,500	7,400	3,480
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	1,2,4-Trichlorobenzene	< 160	µg/m^3	U	65	160	500	69.5
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	1,2-Dibromoethane	< 85	µg/m^3	U	31	85	260	1.56
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	1,2-Dichloroethane	< 85	µg/m^3	U	30	85	260	36
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	1,3-Butadiene	< 160	µg/m^3	U	44	160	260	31.2
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	1,4-Dioxane	< 85	µg/m^3	U	32	85	260	187
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Benzene	6,900	µg/m^3		39	85	260	120
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Bromodichloromethane	< 85	µg/m^3	U	39	85	260	25.3
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Carbon tetrachloride	< 85	µg/m^3	U	37	85	260	156
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Chloroform	< 85	µg/m^3	U	36	85	270	40.7
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Dibromochloromethane	< 85	µg/m^3	U	35	85	260	34.7
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Naphthalene	< 160	µg/m^3	U	65	160	260	27.5
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Trichloroethene	< 85	µg/m^3	U	36	85	260	69.5
KAFB-106111-450	SV111-450-212	4/6/2021	N	P2101875	TO-15	503	Vinyl chloride	< 85	µg/m^3	U	29	85	270	55.9
KAFB-106112-025	SV112-025-212	4/19/2021	N	P2102243	TO-15	4.68	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106112-050	SV112-050-212	4/19/2021	N	P2102243	TO-15	4.78	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.3	0.81	2.5	1.56
KAFB-106112-150	SV112-150-212	4/19/2021	N	P2102243	TO-15	4.25	1,2-Dibromoethane	< 0.72	µg/m^3	U	0.26	0.72	2.2	1.56
KAFB-106112-250	SV112-250-212	4/19/2021	N	P2102243	TO-15	4.65	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106112-350	SV112-350-212	4/19/2021	N	P2102243	TO-15	4.33	1,2-Dibromoethane	0.54	µg/m^3	J	0.27	0.74	2.2	1.56
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	1,2,4-Trichlorobenzene	< 290	µg/m^3	U	120	290	920	69.5
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	1,2-Dibromoethane	< 160	µg/m^3	U	57	160	480	1.56
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	1,2-Dichloroethane	< 160	µg/m^3	U	54	160	480	36
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	1,3-Butadiene	< 290	µg/m^3	U	81	290	480	31.2
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	1,4-Dioxane	< 160	µg/m^3	U	58	160	480	187
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Benzene	17,000	µg/m^3		70	160	480	120
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Bromodichloromethane	< 160	µg/m^3	U	70	160	480	25.3
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Carbon tetrachloride	< 160	µg/m^3	U	68	160	470	156
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Chloroform	< 160	µg/m^3	U	65	160	480	40.7
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Dibromochloromethane	< 160	µg/m^3	U	64	160	480	34.7
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Ethylbenzene	1,500	µg/m^3		69	160	480	374
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Naphthalene	< 280	µg/m^3	U	120	280	480	27.5
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Trichloroethene	< 160	µg/m^3	U	66	160	470	69.5
KAFB-106112-450	SV112-450-212	4/19/2021	N	P2102243	TO-15	915	Vinyl chloride	< 160	µg/m^3	U	52	160	480	55.9
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	1,2,4-Trichlorobenzene	< 270	µg/m^3	U	110	270	860	69.5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	1,2-Dibromoethane	< 150	µg/m^3	U	53	150	440	1.56
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	1,2-Dichloroethane	< 150	µg/m^3	U	50	150	440	36
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	1,3-Butadiene	< 270	µg/m^3	U	75	270	440	31.2
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	1,4-Dioxane	< 150	µg/m^3	U	54	150	440	187
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Benzene	19,000	µg/m^3		66	150	440	120

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Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Bromodichloromethane	< 150	µg/m^3	U	66	150	440	25.3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Carbon tetrachloride	< 150	µg/m^3	U	63	150	440	156
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Chloroform	< 150	µg/m^3	U	61	150	450	40.7
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Dibromochloromethane	< 150	µg/m^3	U	60	150	440	34.7
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Ethylbenzene	1,500	µg/m^3		64	150	440	374
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Naphthalene	< 270	µg/m^3	U	110	270	440	27.5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Trichloroethene	< 150	µg/m^3	U	62	150	440	69.5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	P2102243	TO-15	855	Vinyl chloride	< 150	µg/m^3	U	49	150	450	55.9
KAFB-106113-020	SV113-020-212	4/13/2021	N	P2102025	TO-15	4.48	1,2-Dibromoethane	< 0.76	µg/m^3	U	0.28	0.76	2.3	1.56
KAFB-106113-050	SV113-050-212	4/13/2021	N	P2102025	TO-15	4.65	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106113-150	SV113-150-212	4/13/2021	N	P2102025	TO-15	4.53	1,2-Dibromoethane	< 0.77	µg/m^3	U	0.28	0.77	2.4	1.56
KAFB-106113-250	SV113-250-212	4/13/2021	N	P2102025	TO-15	4.38	1,2-Dibromoethane	< 0.74	µg/m^3	U	0.27	0.74	2.3	1.56
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	1,2,4-Trichlorobenzene	< 78	µg/m^3	U	32	78	240	69.5
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	1,2-Dibromoethane	< 41	µg/m^3	U	15	41	130	1.56
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	1,2-Dichloroethane	< 41	µg/m^3	U	14	41	130	36
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	1,3-Butadiene	< 78	µg/m^3	U	21	78	130	31.2
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Benzene	1,700	µg/m^3		19	41	130	120
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Bromodichloromethane	< 41	µg/m^3	U	19	41	130	25.3
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Chloroform	< 41	µg/m^3	U	17	41	130	40.7
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Dibromochloromethane	< 41	µg/m^3	U	17	41	130	34.7
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Naphthalene	< 75	µg/m^3	U	32	75	130	27.5
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Trichloroethene	26	µg/m^3	J	17	41	120	69.5
KAFB-106113-350	SV113-350-212	4/13/2021	N	P2102025	TO-15	243	Vinyl chloride	< 41	µg/m^3	U	14	41	130	55.9
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	1,1-Dichloroethane	< 400	µg/m^3	U	96	400	660	585
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	1,2,4-Trichlorobenzene	< 390	µg/m^3	U	160	390	1,200	69.5
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	1,2-Dibromoethane	170	µg/m^3	J	76	210	640	1.56
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	1,2-Dichloroethane	< 210	µg/m^3	U	72	210	640	36
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	1,3-Butadiene	< 390	µg/m^3	U	110	390	640	31.2
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	1,4-Dioxane	< 210	µg/m^3	U	77	210	640	187
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Benzene	38,000	µg/m^3		94	210	640	120
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Bromodichloromethane	< 210	µg/m^3	U	94	210	640	25.3
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Carbon tetrachloride	< 210	µg/m^3	U	91	210	630	156
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Chloroform	< 210	µg/m^3	U	87	210	650	40.7
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Chloromethane	< 390	µg/m^3	U	110	390	640	520
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Dibromochloromethane	< 210	µg/m^3	U	86	210	640	34.7
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Ethylbenzene	4,900	µg/m^3		92	210	640	374
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Naphthalene	< 380	µg/m^3	U	160	380	640	27.5
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Trichloroethene	< 210	µg/m^3	U	88	210	630	69.5
KAFB-106113-450	SV113-450-212	4/13/2021	N	P2102025	TO-15	1,230	Vinyl chloride	< 210	µg/m^3	U	70	210	650	55.9
KAFB-106114-025	SV114-025-212	4/6/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.28	0.78	2.4	1.56
KAFB-106114-050	SV114-050-212	4/6/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106114-150	SV114-150-212	4/6/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106114-250	SV114-250-212	4/6/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.8	µg/m^3	U	0.29	0.8	2.5	1.56
KAFB-106114-250	SV114-250-612	4/6/2021	FD	P2101875	TO-15	5	1,2-Dibromoethane	< 0.8	µg/m^3	U	0.29	0.8	2.4	1.56
KAFB-106114-350	SV114-350-212	4/6/2021	N	P2101875	TO-15	51	1,2-Dibromoethane	< 8.6	µg/m^3	U	3.1	8.6	26	1.56
KAFB-106114-350	SV114-350-212	4/6/2021	N	P2101875	TO-15	51	Bromodichloromethane	< 8.6	µg/m^3	U	3.9	8.6	26	25.3

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	1,1-Dichloroethane	< 1200	µg/m^3	U	280	1,200	1,900	585
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	1,2,4-Trichlorobenzene	< 1200	µg/m^3	U	470	1,200	3,600	69.5
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	1,2-Dibromoethane	< 610	µg/m^3	U	220	610	1,900	1.56
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	1,2-Dichloroethane	< 610	µg/m^3	U	210	610	1,900	36
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	1,3-Butadiene	< 1200	µg/m^3	U	320	1,200	1,900	31.2
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	1,4-Dioxane	< 610	µg/m^3	U	230	610	1,900	187
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Benzene	15,000	µg/m^3		280	610	1,900	120
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Bromodichloromethane	< 610	µg/m^3	U	280	610	1,900	25.3
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Bromoform	< 1200	µg/m^3	U	400	1,200	1,900	851
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Carbon tetrachloride	< 610	µg/m^3	U	270	610	1,800	156
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Chloroform	< 610	µg/m^3	U	260	610	1,900	40.7
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Chloromethane	< 1200	µg/m^3	U	310	1,200	1,900	520
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Dibromochloromethane	< 610	µg/m^3	U	250	610	1,900	34.7
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Ethyl acetate	1,300	µg/m^3	J	1,000	2,300	3,600	2,430
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Ethylbenzene	6,700	µg/m^3		270	610	1,900	374
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	m- & p-Xylenes	60,000	µg/m^3		500	1,200	3,600	3,480
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Naphthalene	< 1100	µg/m^3	U	470	1,100	1,900	27.5
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Tetrachloroethene	< 610	µg/m^3	U	250	610	1,900	1,390
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Trichloroethene	< 610	µg/m^3	U	260	610	1,800	69.5
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Vinyl chloride	< 610	µg/m^3	U	210	610	1,900	55.9
KAFB-106114-450	SV114-450-212	4/6/2021	N	P2101875	TO-15	3,600	Xylenes, total	94,000	µg/m^3		500	1,200	3,600	3,480
KAFB-106115-025	SV115-025-212	4/13/2021	N	P2102025	TO-15	4.4	1,2-Dibromoethane	< 0.75	µg/m^3	U	0.27	0.75	2.3	1.56
KAFB-106115-025	SV115-025-612	4/13/2021	FD	P2102025	TO-15	4.7	1,2-Dibromoethane	< 0.8	µg/m^3	U	0.29	0.8	2.4	1.56
KAFB-106115-050	SV115-050-212	4/13/2021	N	P2102025	TO-15	5.35	1,2-Dibromoethane	< 0.91	µg/m^3	U	0.33	0.91	2.8	1.56
KAFB-106115-150	SV115-150-212	4/13/2021	N	P2102025	TO-15	5.03	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
KAFB-106115-250	SV115-250-212	4/13/2021	N	P2102031	TO-15	4.28	1,2-Dibromoethane	< 0.73	µg/m^3	U	0.27	0.73	2.2	1.56
KAFB-106115-350	SV115-350-212	4/13/2021	N	P2102031	TO-15	4.93	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	1,2,4-Trichlorobenzene	< 160	µg/m^3	U	65	160	500	69.5
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	1,2-Dibromoethane	< 84	µg/m^3	U	31	84	260	1.56
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	1,2-Dichloroethane	< 84	µg/m^3	U	29	84	260	36
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	1,3-Butadiene	< 160	µg/m^3	U	44	160	260	31.2
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	1,4-Dioxane	< 84	µg/m^3	U	31	84	260	187
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Benzene	2,700	µg/m^3		38	84	260	120
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Bromodichloromethane	< 84	µg/m^3	U	38	84	260	25.3
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Carbon tetrachloride	< 84	µg/m^3	U	37	84	250	156
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Chloroform	< 84	µg/m^3	U	35	84	260	40.7
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Dibromochloromethane	< 84	µg/m^3	U	35	84	260	34.7
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Naphthalene	< 150	µg/m^3	U	65	150	260	27.5
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Trichloroethene	< 84	µg/m^3	U	36	84	250	69.5
KAFB-106115-450	SV115-450-212	4/13/2021	N	P2102031	TO-15	497	Vinyl chloride	< 84	µg/m^3	U	28	84	260	55.9
KAFB-106116-025	SV116-025-212	4/6/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	< 0.87	µg/m^3	U	0.32	0.87	2.7	1.56
KAFB-106116-050	SV116-050-212	4/6/2021	N	P2101875	TO-15	5	1,2-Dibromoethane	0.5	µg/m^3	J	0.33	0.92	2.8	1.56
KAFB-106116-150	SV116-150-212	4/6/2021	N	P2101875	TO-15	6	1,2-Dibromoethane	< 0.95	µg/m^3	U	0.35	0.95	2.9	1.56
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	1,2,4-Trichlorobenzene	< 38	µg/m^3	U	15	38	120	69.5
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	1,2-Dibromoethane	< 20	µg/m^3	U	7.3	20	61	1.56
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	1,2-Dichloroethane	< 20	µg/m^3	U	7	20	61	36

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	1,3-Butadiene	< 38	µg/m^3	U	10	38	61	31.2
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	Bromodichloromethane	< 20	µg/m^3	U	9.1	20	61	25.3
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	Chloroform	< 20	µg/m^3	U	8.4	20	63	40.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	Dibromochloromethane	< 20	µg/m^3	U	8.3	20	61	34.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	Naphthalene	< 37	µg/m^3	U	15	37	61	27.5
KAFB-106116-250	SV116-250-212	4/6/2021	N	P2101875	TO-15	118	Vinyl chloride	< 20	µg/m^3	U	6.7	20	63	55.9
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	1,2,4-Trichlorobenzene	< 46	µg/m^3	U	19	46	140	69.5
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	1,2-Dibromoethane	< 24	µg/m^3	U	8.8	24	74	1.56
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	1,2-Dichloroethane	< 24	µg/m^3	U	8.4	24	74	36
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	1,3-Butadiene	< 46	µg/m^3	U	13	46	74	31.2
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	Bromodichloromethane	< 24	µg/m^3	U	11	24	74	25.3
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	Chloroform	< 24	µg/m^3	U	10	24	76	40.7
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	Dibromochloromethane	< 24	µg/m^3	U	10	24	74	34.7
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	Naphthalene	< 44	µg/m^3	U	19	44	74	27.5
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	Trichloroethene	21	µg/m^3	J	10	24	73	69.5
KAFB-106116-350	SV116-350-212	4/6/2021	N	P2101875	TO-15	143	Vinyl chloride	< 24	µg/m^3	U	8.1	24	76	55.9
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	1,2,4-Trichlorobenzene	< 120	µg/m^3	U	48	120	370	69.5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	1,2-Dibromoethane	< 63	µg/m^3	U	23	63	190	1.56
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	1,2-Dichloroethane	< 63	µg/m^3	U	22	63	190	36
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	1,3-Butadiene	< 120	µg/m^3	U	33	120	190	31.2
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	1,4-Dioxane	< 63	µg/m^3	U	23	63	190	187
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Benzene	390	µg/m^3		28	63	190	120
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Bromodichloromethane	< 63	µg/m^3	U	28	63	190	25.3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Carbon tetrachloride	< 63	µg/m^3	U	27	63	190	156
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Chloroform	< 63	µg/m^3	U	26	63	200	40.7
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Dibromochloromethane	< 63	µg/m^3	U	26	63	190	34.7
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Naphthalene	< 110	µg/m^3	U	48	110	190	27.5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Trichloroethene	< 63	µg/m^3	U	27	63	190	69.5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	P2101875	TO-15	370	Vinyl chloride	< 63	µg/m^3	U	21	63	200	55.9
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	1,1-Dichloroethane	< 2700	µg/m^3	U	630	2,700	4,400	585
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	1,2,4-Trichlorobenzene	< 2600	µg/m^3	U	1,100	2,600	8,100	69.5
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	1,2-Dibromoethane	< 1400	µg/m^3	U	500	1,400	4,200	1.56
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	1,2-Dichloroethane	< 1400	µg/m^3	U	480	1,400	4,200	36
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	1,3-Butadiene	< 2600	µg/m^3	U	710	2,600	4,200	31.2
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	1,4-Dioxane	< 1400	µg/m^3	U	510	1,400	4,200	187
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Benzene	48,000	µg/m^3		630	1,400	4,200	120
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Bromodichloromethane	< 1400	µg/m^3	U	630	1,400	4,200	25.3
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Bromoform	< 2600	µg/m^3	U	890	2,600	4,300	851
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Carbon tetrachloride	< 1400	µg/m^3	U	600	1,400	4,100	156
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Chloroform	< 1400	µg/m^3	U	580	1,400	4,300	40.7
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Chloromethane	< 2600	µg/m^3	U	700	2,600	4,200	520
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Dibromochloromethane	< 1400	µg/m^3	U	570	1,400	4,200	34.7
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Dichlorodifluoromethane	890	µg/m^3	J	710	2,600	4,200	3,480
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Ethyl acetate	< 5300	µg/m^3	U	2,300	5,300	8,100	2,430
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Ethylbenzene	8,000	µg/m^3		610	1,400	4,200	374
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	m- & p-Xylenes	41,000	µg/m^3		1,100	2,800	8,100	3,480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Naphthalene	< 2500	µg/m^3	U	1,100	2,500	4,200	27.5
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	o-Xylene	29,000	µg/m^3		630	1,400	4,300	3,480
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Tetrachloroethene	< 1400	µg/m^3	U	560	1,400	4,200	1,390
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Trichloroethene	< 1400	µg/m^3	U	580	1,400	4,100	69.5
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Vinyl chloride	< 1400	µg/m^3	U	460	1,400	4,300	55.9
KAFB-106116-450	SV116-450-212	4/6/2021	N	P2101894	TO-15	8,120	Xylenes, total	71,000	µg/m^3		1,100	2,800	8,100	3,480
KAFB-106117-025	SV117-025-212	4/6/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106117-050	SV117-050-212	4/6/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106117-150	SV117-150-212	4/6/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	1,1-Dichloroethane	< 1100	µg/m^3	U	250	1,100	1,800	585
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	1,2,4-Trichlorobenzene	< 1000	µg/m^3	U	420	1,000	3,300	69.5
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	1,2-Dibromoethane	< 560	µg/m^3	U	200	560	1,700	1.56
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	1,2-Dichloroethane	< 560	µg/m^3	U	190	560	1,700	36
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	1,3-Butadiene	< 1000	µg/m^3	U	290	1,000	1,700	31.2
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	1,4-Dioxane	< 560	µg/m^3	U	210	560	1,700	187
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Benzene	3,200	µg/m^3		250	560	1,700	120
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Bromodichloromethane	< 560	µg/m^3	U	250	560	1,700	25.3
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Bromoform	< 1000	µg/m^3	U	360	1,000	1,700	851
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Carbon tetrachloride	< 560	µg/m^3	U	240	560	1,700	156
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Chloroform	< 560	µg/m^3	U	230	560	1,700	40.7
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Chloromethane	< 1000	µg/m^3	U	280	1,000	1,700	520
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Dibromochloromethane	< 560	µg/m^3	U	230	560	1,700	34.7
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Ethyl acetate	< 2100	µg/m^3	U	910	2,100	3,300	2,430
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Ethylbenzene	< 560	µg/m^3	U	250	560	1,700	374
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Naphthalene	< 1000	µg/m^3	U	420	1,000	1,700	27.5
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Tetrachloroethene	< 560	µg/m^3	U	230	560	1,700	1,390
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Trichloroethene	< 560	µg/m^3	U	240	560	1,700	69.5
KAFB-106117-250	SV117-250-212	4/6/2021	N	P2101894	TO-15	3,270	Vinyl chloride	< 560	µg/m^3	U	190	560	1,700	55.9
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	1,2,4-Trichlorobenzene	< 200	µg/m^3	U	80	200	610	69.5
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	1,2-Dibromoethane	370	µg/m^3		38	100	320	1.56
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	1,2-Dichloroethane	< 100	µg/m^3	U	36	100	320	36
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	1,3-Butadiene	< 200	µg/m^3	U	54	200	320	31.2
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	1,4-Dioxane	< 100	µg/m^3	U	39	100	320	187
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Benzene	410	µg/m^3		47	100	320	120
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Bromodichloromethane	< 100	µg/m^3	U	47	100	320	25.3
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Carbon tetrachloride	< 100	µg/m^3	U	45	100	310	156
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Chloroform	< 100	µg/m^3	U	44	100	330	40.7
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Dibromochloromethane	< 100	µg/m^3	U	43	100	320	34.7
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Naphthalene	< 190	µg/m^3	U	80	190	320	27.5
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Trichloroethene	< 100	µg/m^3	U	44	100	310	69.5
KAFB-106117-350	SV117-350-212	4/6/2021	N	P2101894	TO-15	613	Vinyl chloride	< 100	µg/m^3	U	35	100	330	55.9
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	1,1-Dichloroethane	< 3100	µg/m^3	U	730	3,100	5,100	585
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	1,2,4-Trichlorobenzene	< 3000	µg/m^3	U	1,200	3,000	9,400	69.5
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	1,2-Dibromoethane	2,900	µg/m^3	J	580	1,600	4,900	1.56
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	1,2-Dichloroethane	< 1600	µg/m^3	U	550	1,600	4,900	36
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	1,3-Butadiene	< 3000	µg/m^3	U	830	3,000	4,900	31.2

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	1,4-Dioxane	< 1600	µg/m^3	U	590	1,600	4,900	187
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Benzene	22,000	µg/m^3		720	1,600	4,900	120
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Bromodichloromethane	< 1600	µg/m^3	U	720	1,600	4,900	25.3
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Bromoform	< 3000	µg/m^3	U	1,000	3,000	5,000	851
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Carbon tetrachloride	< 1600	µg/m^3	U	700	1,600	4,800	156
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Chloroform	1,400	µg/m^3	J	670	1,600	5,000	40.7
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Chloromethane	< 3000	µg/m^3	U	810	3,000	4,900	520
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Dibromochloromethane	< 1600	µg/m^3	U	660	1,600	4,900	34.7
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Dichlorodifluoromethane	1,500	µg/m^3	J	820	3,000	4,900	3,480
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Ethyl acetate	< 6100	µg/m^3	U	2,600	6,100	9,400	2,430
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Ethylbenzene	29,000	µg/m^3		710	1,600	4,900	374
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	m- & p-Xylenes	360,000	µg/m^3		1,300	3,200	9,400	3,480
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Naphthalene	< 2900	µg/m^3	U	1,200	2,900	4,900	27.5
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	o-Xylene	130,000	µg/m^3		720	1,600	5,000	3,480
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Tetrachloroethene	< 1600	µg/m^3	U	650	1,600	4,900	1,390
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Trichloroethene	< 1600	µg/m^3	U	680	1,600	4,800	69.5
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Vinyl chloride	< 1600	µg/m^3	U	540	1,600	5,000	55.9
KAFB-106117-450	SV117-450-212	4/6/2021	N	P2101894	TO-15	9,400	Xylenes, total	490,000	µg/m^3		1,300	3,200	9,400	3,480
KAFB-106118-025	SV118-025-212	4/19/2021	N	P2102243	TO-15	4.98	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
KAFB-106118-050	SV118-050-212	4/19/2021	N	P2102243	TO-15	4.75	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.29	0.81	2.5	1.56
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	1,2,4-Trichlorobenzene	< 55	µg/m^3	U	22	55	170	69.5
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	1,2-Dibromoethane	< 29	µg/m^3	U	11	29	89	1.56
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	1,2-Dichloroethane	< 29	µg/m^3	U	10	29	89	36
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	1,3-Butadiene	< 55	µg/m^3	U	15	55	89	31.2
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	Bromodichloromethane	< 29	µg/m^3	U	13	29	89	25.3
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	Chloroform	< 29	µg/m^3	U	12	29	91	40.7
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	Dibromochloromethane	< 29	µg/m^3	U	12	29	89	34.7
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	Naphthalene	< 53	µg/m^3	U	22	53	89	27.5
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	Trichloroethene	< 29	µg/m^3	U	12	29	88	69.5
KAFB-106118-160	SV118-160-212	4/19/2021	N	P2102243	TO-15	172	Vinyl chloride	< 29	µg/m^3	U	9.8	29	91	55.9
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	1,1-Dichloroethane	< 590	µg/m^3	U	140	590	970	585
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	1,2,4-Trichlorobenzene	< 570	µg/m^3	U	230	570	1,800	69.5
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	1,2-Dibromoethane	< 300	µg/m^3	U	110	300	930	1.56
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	1,2-Dichloroethane	< 300	µg/m^3	U	110	300	930	36
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	1,3-Butadiene	< 570	µg/m^3	U	160	570	930	31.2
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	1,4-Dioxane	< 300	µg/m^3	U	110	300	930	187
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Benzene	< 300	µg/m^3	U	140	300	930	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Bromodichloromethane	< 300	µg/m^3	U	140	300	930	25.3
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Bromoform	< 570	µg/m^3	U	200	570	950	851
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Carbon tetrachloride	< 300	µg/m^3	U	130	300	910	156
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Chloroform	< 300	µg/m^3	U	130	300	950	40.7
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Chloromethane	< 570	µg/m^3	U	150	570	930	520
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Dibromochloromethane	< 300	µg/m^3	U	130	300	930	34.7
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Ethylbenzene	< 300	µg/m^3	U	130	300	930	374
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Naphthalene	< 550	µg/m^3	U	230	550	930	27.5
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Trichloroethene	< 300	µg/m^3	U	130	300	910	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106118-265	SV118-265-212	4/19/2021	N	P2102243	TO-15	1,790	Vinyl chloride	< 300	µg/m^3	U	100	300	950	55.9
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	1,2,4-Trichlorobenzene	< 180	µg/m^3	U	75	180	570	69.5
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	1,2-Dibromoethane	< 97	µg/m^3	U	36	97	300	1.56
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	1,2-Dichloroethane	< 97	µg/m^3	U	34	97	300	36
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	1,3-Butadiene	< 180	µg/m^3	U	50	180	300	31.2
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	1,4-Dioxane	< 97	µg/m^3	U	36	97	300	187
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Benzene	< 97	µg/m^3	U	44	97	300	120
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Bromodichloromethane	< 97	µg/m^3	U	44	97	300	25.3
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Carbon tetrachloride	< 97	µg/m^3	U	42	97	290	156
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Chloroform	< 97	µg/m^3	U	41	97	300	40.7
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Dibromochloromethane	< 97	µg/m^3	U	40	97	300	34.7
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Naphthalene	< 180	µg/m^3	U	75	180	300	27.5
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Trichloroethene	< 97	µg/m^3	U	41	97	290	69.5
KAFB-106118-350	SV118-350-212	4/19/2021	N	P2102243	TO-15	573	Vinyl chloride	< 97	µg/m^3	U	33	97	300	55.9
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	1,2,4-Trichlorobenzene	< 31	µg/m^3	U	13	31	97	69.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	1,2-Dibromoethane	< 16	µg/m^3	U	6	16	50	1.56
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	1,2-Dichloroethane	< 16	µg/m^3	U	5.7	16	50	36
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	1,3-Butadiene	< 31	µg/m^3	U	8.5	31	50	31.2
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	Bromodichloromethane	< 16	µg/m^3	U	7.5	16	50	25.3
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	Chloroform	< 16	µg/m^3	U	6.9	16	51	40.7
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	Dibromochloromethane	< 16	µg/m^3	U	6.8	16	50	34.7
KAFB-106118-450	SV118-450-212	4/19/2021	N	P2102243	TO-15	97	Naphthalene	< 30	µg/m^3	U	13	30	50	27.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	1,2,4-Trichlorobenzene	< 59	µg/m^3	U	24	59	180	69.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	1,2-Dibromoethane	< 31	µg/m^3	U	11	31	95	1.56
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	1,2-Dichloroethane	< 31	µg/m^3	U	11	31	95	36
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	1,3-Butadiene	< 59	µg/m^3	U	16	59	95	31.2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	Bromodichloromethane	< 31	µg/m^3	U	14	31	95	25.3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	Chloroform	< 31	µg/m^3	U	13	31	97	40.7
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	Dibromochloromethane	< 31	µg/m^3	U	13	31	95	34.7
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	Naphthalene	< 57	µg/m^3	U	24	57	95	27.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	Trichloroethene	< 31	µg/m^3	U	13	31	93	69.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	P2102243	TO-15	183	Vinyl chloride	< 31	µg/m^3	U	10	31	97	55.9
KAFB-106119-025	SV119-025-212	4/20/2021	N	P2102243	TO-15	4.78	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.3	0.81	2.5	1.56
KAFB-106119-050	SV119-050-212	4/20/2021	N	P2102243	TO-15	4.6	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.29	0.78	2.4	1.56
KAFB-106119-150	SV119-150-212	4/20/2021	N	P2102243	TO-15	8.55	1,2-Dibromoethane	< 1.5	µg/m^3	U	0.53	1.5	4.4	1.56
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	1,1-Dichloroethane	< 1100	µg/m^3	U	260	1,100	1,800	585
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	1,2,4-Trichlorobenzene	< 1100	µg/m^3	U	430	1,100	3,300	69.5
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	1,2-Dibromoethane	< 560	µg/m^3	U	210	560	1,700	1.56
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	1,2-Dichloroethane	< 560	µg/m^3	U	200	560	1,700	36
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	1,3-Butadiene	< 1100	µg/m^3	U	290	1,100	1,700	31.2
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	1,4-Dioxane	< 560	µg/m^3	U	210	560	1,700	187
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Benzene	63,000	µg/m^3		260	560	1,700	120
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Bromodichloromethane	< 560	µg/m^3	U	260	560	1,700	25.3
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Bromoform	< 1100	µg/m^3	U	370	1,100	1,800	851
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Carbon tetrachloride	< 560	µg/m^3	U	250	560	1,700	156
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Chloroform	< 560	µg/m^3	U	240	560	1,800	40.7

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Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Chloromethane	< 1100	µg/m^3	U	290	1,100	1,700	520
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Dibromochloromethane	< 560	µg/m^3	U	230	560	1,700	34.7
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Ethyl acetate	< 2200	µg/m^3	U	930	2,200	3,300	2,430
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Ethylbenzene	< 560	µg/m^3	U	250	560	1,700	374
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Naphthalene	< 1000	µg/m^3	U	430	1,000	1,700	27.5
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Tetrachloroethene	< 560	µg/m^3	U	230	560	1,700	1,390
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Trichloroethene	< 560	µg/m^3	U	240	560	1,700	69.5
KAFB-106119-250	SV119-250-212	4/20/2021	N	P2102340	TO-15	3,320	Vinyl chloride	< 560	µg/m^3	U	190	560	1,800	55.9
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	1,1-Dichloroethane	< 950	µg/m^3	U	220	950	1,500	585
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	1,2,4-Trichlorobenzene	< 920	µg/m^3	U	370	920	2,900	69.5
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	1,2-Dibromoethane	< 490	µg/m^3	U	180	490	1,500	1.56
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	1,2-Dichloroethane	< 490	µg/m^3	U	170	490	1,500	36
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	1,3-Butadiene	< 920	µg/m^3	U	250	920	1,500	31.2
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	1,4-Dioxane	< 490	µg/m^3	U	180	490	1,500	187
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Benzene	40,000	µg/m^3		220	490	1,500	120
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Bromodichloromethane	< 490	µg/m^3	U	220	490	1,500	25.3
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Bromoform	< 920	µg/m^3	U	320	920	1,500	851
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Carbon tetrachloride	< 490	µg/m^3	U	210	490	1,500	156
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Chloroform	< 490	µg/m^3	U	200	490	1,500	40.7
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Chloromethane	< 920	µg/m^3	U	250	920	1,500	520
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Dibromochloromethane	< 490	µg/m^3	U	200	490	1,500	34.7
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Ethyl acetate	< 1900	µg/m^3	U	800	1,900	2,900	2,430
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Ethylbenzene	< 490	µg/m^3	U	220	490	1,500	374
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Naphthalene	< 890	µg/m^3	U	370	890	1,500	27.5
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Tetrachloroethene	< 490	µg/m^3	U	200	490	1,500	1,390
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Trichloroethene	< 490	µg/m^3	U	210	490	1,500	69.5
KAFB-106119-350	SV119-350-212	4/20/2021	N	P2102340	TO-15	2,870	Vinyl chloride	< 490	µg/m^3	U	160	490	1,500	55.9
KAFB-106119-450	SV119-450-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106120-025	SV120-025-212	4/12/2021	N	P2102031	TO-15	5.15	1,2-Dibromoethane	< 0.88	µg/m^3	U	0.32	0.88	2.7	1.56
KAFB-106120-025	SV120-025-612	4/12/2021	FD	P2102031	TO-15	4.18	1,2-Dibromoethane	< 0.71	µg/m^3	U	0.26	0.71	2.2	1.56
KAFB-106120-050	SV120-050-212	4/12/2021	N	P2102031	TO-15	4.6	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.29	0.78	2.4	1.56
KAFB-106120-150	SV120-150-212	4/12/2021	N	P2102031	TO-15	5.63	1,2-Dibromoethane	< 0.96	µg/m^3	U	0.35	0.96	2.9	1.56
KAFB-106120-250	SV120-250-212	4/12/2021	N	P2102031	TO-15	4.23	1,2-Dibromoethane	< 0.72	µg/m^3	U	0.26	0.72	2.2	1.56
KAFB-106120-350	SV120-350-212	4/12/2021	N	P2102031	TO-15	13.5	1,2-Dibromoethane	< 2.3	µg/m^3	U	0.84	2.3	7	1.56
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	1,2,4-Trichlorobenzene	< 47	µg/m^3	U	19	47	150	69.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	1,2-Dibromoethane	< 25	µg/m^3	U	9.1	25	76	1.56
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	1,2-Dichloroethane	< 25	µg/m^3	U	8.7	25	76	36
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	1,3-Butadiene	< 47	µg/m^3	U	13	47	76	31.2
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	Bromodichloromethane	< 25	µg/m^3	U	11	25	76	25.3
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	Chloroform	< 25	µg/m^3	U	10	25	78	40.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	Dibromochloromethane	< 25	µg/m^3	U	10	25	76	34.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	Naphthalene	< 45	µg/m^3	U	19	45	76	27.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	Trichloroethene	< 25	µg/m^3	U	11	25	75	69.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	P2102031	TO-15	147	Vinyl chloride	< 25	µg/m^3	U	8.4	25	78	55.9
KAFB-106121-025	SV121-025-212	4/12/2021	N	P2102031	TO-15	6.35	1,2-Dibromoethane	< 1.1	µg/m^3	U	0.39	1.1	3.3	1.56
KAFB-106121-050	SV121-050-212	4/12/2021	N	P2102031	TO-15	6.52	1,2-Dibromoethane	< 1.1	µg/m^3	U	0.4	1.1	3.4	1.56

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Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106121-145	SV121-145-212	4/12/2021	N	P2102031	TO-15	4.23	1,2-Dibromoethane	< 0.72	µg/m^3	U	0.26	0.72	2.2	1.56
KAFB-106121-145	SV121-145-612	4/12/2021	FD	P2102031	TO-15	5.1	1,2-Dibromoethane	< 0.87	µg/m^3	U	0.32	0.87	2.7	1.56
KAFB-106121-250	SV121-250-212	4/12/2021	N	P2102031	TO-15	4.75	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.29	0.81	2.5	1.56
KAFB-106121-350	SV121-350-212	4/12/2021	N	P2102031	TO-15	4.48	1,2-Dibromoethane	< 0.76	µg/m^3	U	0.28	0.76	2.3	1.56
KAFB-106121-450	SV121-450-212	4/12/2021	N	P2102031	TO-15	5	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
KAFB-106122-025	SV122-025-212	4/12/2021	N	P2102031	TO-15	4.65	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106122-050	SV122-050-212	4/12/2021	N	P2102031	TO-15	4.95	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106122-150	SV122-150-212	4/12/2021	N	P2102031	TO-15	4.78	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.3	0.81	2.5	1.56
KAFB-106122-250	SV122-250-212	4/12/2021	N	P2102031	TO-15	4.93	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106122-350	SV122-350-212	4/12/2021	N	P2102031	TO-15	4.75	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.29	0.81	2.5	1.56
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	1,2,4-Trichlorobenzene	< 31	µg/m^3	U	13	31	97	69.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	1,2-Dibromoethane	< 16	µg/m^3	U	6	16	50	1.56
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	1,2-Dichloroethane	< 16	µg/m^3	U	5.7	16	50	36
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	1,3-Butadiene	< 31	µg/m^3	U	8.5	31	50	31.2
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	Bromodichloromethane	< 16	µg/m^3	U	7.5	16	50	25.3
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	Chloroform	9	µg/m^3	J	6.9	16	51	40.7
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	Dibromochloromethane	< 16	µg/m^3	U	6.8	16	50	34.7
KAFB-106122-450	SV122-450-212	4/12/2021	N	P2102031	TO-15	97	Naphthalene	< 30	µg/m^3	U	13	30	50	27.5
KAFB-106123-025	SV123-025-212	4/12/2021	N	P2102031	TO-15	4.6	1,2-Dibromoethane	0.9	µg/m^3	J	0.29	0.78	2.4	1.56
KAFB-106123-050	SV123-050-212	4/12/2021	N	P2102034	TO-15	5.3	1,2-Dibromoethane	< 0.9	µg/m^3	U	0.33	0.9	2.8	1.56
KAFB-106123-150	SV123-150-212	4/12/2021	N	P2102034	TO-15	4.8	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
KAFB-106123-250	SV123-250-212	4/12/2021	N	P2102034	TO-15	4.45	1,2-Dibromoethane	< 0.76	µg/m^3	U	0.28	0.76	2.3	1.56
KAFB-106123-350	SV123-350-212	4/12/2021	N	P2102034	TO-15	3.9	1,2-Dibromoethane	0.79	µg/m^3	J	0.24	0.66	2	1.56
KAFB-106123-450	SV123-450-212	4/12/2021	N	P2102034	TO-15	4.88	1,2-Dibromoethane	< 0.83	µg/m^3	U	0.3	0.83	2.5	1.56
KAFB-106124-025	SV124-025-212	4/5/2021	N	P2101894	TO-15	3	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106124-050	SV124-050-212	4/5/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106124-150	SV124-150-212	4/5/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106124-250	SV124-250-212	4/5/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106124-250	SV124-250-612	4/5/2021	FD	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106124-350	SV124-350-212	4/5/2021	N	P2101894	TO-15	9	1,2-Dibromoethane	< 1	µg/m^3	U	0	1	5	1.56
KAFB-106124-450	SV124-450-212	4/5/2021	N	P2101894	TO-15	32	1,2-Dibromoethane	< 5	µg/m^3	U	2	5	17	1.56
KAFB-106125-025	SV125-025-212	4/5/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106125-050	SV125-050-212	4/5/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106125-150	SV125-150-212	4/5/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106125-250	SV125-250-212	4/5/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106125-350	SV125-350-212	4/5/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	3	1.56
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	1,2,4-Trichlorobenzene	< 100	µg/m^3	U	40	100	310	69.5
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	1,2-Dibromoethane	< 53	µg/m^3	U	19	53	160	1.56
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	1,2-Dichloroethane	< 53	µg/m^3	U	18	53	160	36
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	1,3-Butadiene	< 100	µg/m^3	U	27	100	160	31.2
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Benzene	170	µg/m^3		24	53	160	120
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Bromodichloromethane	34	µg/m^3	J	24	53	160	25.3
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Carbon tetrachloride	< 53	µg/m^3	U	23	53	160	156
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Chloroform	410	µg/m^3		22	53	170	40.7
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Dibromochloromethane	< 53	µg/m^3	U	22	53	160	34.7
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Naphthalene	< 97	µg/m^3	U	40	97	160	27.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Trichloroethene	< 53	µg/m^3	U	22	53	160	69.5
KAFB-106125-450	SV125-450-212	4/5/2021	N	P2101894	TO-15	311	Vinyl chloride	< 53	µg/m^3	U	18	53	170	55.9
KAFB-106126-025	SV126-025-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106126-050	SV126-050-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106126-150	SV126-150-212	4/20/2021	N	P2102340	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106126-250	SV126-250-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106126-350	SV126-350-212	4/20/2021	N	P2102340	TO-15	34	1,2-Dibromoethane	< 5	µg/m^3	U	2	5	18	1.56
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	1,2,4-Trichlorobenzene	< 270	µg/m^3	U	110	270	840	69.5
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	1,2-Dibromoethane	< 140	µg/m^3	U	52	140	440	1.56
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	1,2-Dichloroethane	< 140	µg/m^3	U	50	140	440	36
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	1,3-Butadiene	< 270	µg/m^3	U	74	270	440	31.2
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	1,4-Dioxane	< 140	µg/m^3	U	53	140	440	187
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Benzene	< 140	µg/m^3	U	65	140	440	120
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Bromodichloromethane	< 140	µg/m^3	U	65	140	440	25.3
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Carbon tetrachloride	< 140	µg/m^3	U	62	140	430	156
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Chloroform	< 140	µg/m^3	U	60	140	450	40.7
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Dibromochloromethane	< 140	µg/m^3	U	59	140	440	34.7
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Ethylbenzene	< 140	µg/m^3	U	63	140	440	374
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Naphthalene	< 260	µg/m^3	U	110	260	440	27.5
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Trichloroethene	< 140	µg/m^3	U	60	140	430	69.5
KAFB-106126-450	SV126-450-212	4/20/2021	N	P2102340	TO-15	840	Vinyl chloride	< 140	µg/m^3	U	48	140	450	55.9
KAFB-106127-025	SV127-025-212	4/5/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106127-050	SV127-050-212	4/5/2021	N	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106127-150	SV127-150-212	4/5/2021	N	P2101894	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106127-250	SV127-250-212	4/5/2021	N	P2101896	TO-15	6.55	1,2-Dibromoethane	< 1.1	µg/m^3	U	0.41	1.1	3.4	1.56
KAFB-106127-250	SV127-250-612	4/5/2021	FD	P2101894	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106127-350	SV127-350-212	4/5/2021	N	P2101896	TO-15	5.18	1,2-Dibromoethane	< 0.88	µg/m^3	U	0.32	0.88	2.7	1.56
KAFB-106127-450	SV127-450-212	4/5/2021	N	P2101896	TO-15	7.27	1,2-Dibromoethane	< 1.2	µg/m^3	U	0.45	1.2	3.8	1.56
KAFB-106128-025	SV128-025-212	4/6/2021	N	P2101896	TO-15	6.77	1,2-Dibromoethane	< 1.2	µg/m^3	U	0.42	1.2	3.5	1.56
KAFB-106128-050	SV128-050-212	4/6/2021	N	P2101896	TO-15	9.4	1,2-Dibromoethane	< 1.6	µg/m^3	U	0.58	1.6	4.9	1.56
KAFB-106128-150	SV128-150-212	4/6/2021	N	P2101896	TO-15	4.95	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	1,1-Dichloroethane	< 1000	µg/m^3	U	240	1,000	1,600	585
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	1,2,4-Trichlorobenzene	< 970	µg/m^3	U	390	970	3,000	69.5
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	1,2-Dibromoethane	< 510	µg/m^3	U	190	510	1,600	1.56
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	1,2-Dichloroethane	< 510	µg/m^3	U	180	510	1,600	36
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	1,3-Butadiene	< 970	µg/m^3	U	270	970	1,600	31.2
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	1,4-Dioxane	< 510	µg/m^3	U	190	510	1,600	187
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Benzene	4,100	µg/m^3		230	510	1,600	120
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Bromodichloromethane	< 510	µg/m^3	U	230	510	1,600	25.3
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Bromoform	< 970	µg/m^3	U	330	970	1,600	851
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Carbon tetrachloride	< 510	µg/m^3	U	220	510	1,500	156
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Chloroform	< 510	µg/m^3	U	220	510	1,600	40.7
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Chloromethane	< 970	µg/m^3	U	260	970	1,600	520
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Dibromochloromethane	< 510	µg/m^3	U	210	510	1,600	34.7
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Ethyl acetate	< 2000	µg/m^3	U	850	2,000	3,000	2,430
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Ethylbenzene	4,700	µg/m^3		230	510	1,600	374

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Naphthalene	< 940	µg/m^3	U	390	940	1,600	27.5
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Tetrachloroethene	< 510	µg/m^3	U	210	510	1,600	1,390
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Trichloroethene	< 510	µg/m^3	U	220	510	1,500	69.5
KAFB-106128-250	SV128-250-212	4/6/2021	N	P2101896	TO-15	3,030	Vinyl chloride	< 510	µg/m^3	U	170	510	1,600	55.9
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	1,1-Dichloroethane	< 2000	µg/m^3	U	460	2,000	3,200	585
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	1,2,4-Trichlorobenzene	< 1900	µg/m^3	U	770	1,900	5,900	69.5
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	1,2-Dibromoethane	1,300	µg/m^3	J	370	1,000	3,100	1.56
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	1,2-Dichloroethane	< 1000	µg/m^3	U	350	1,000	3,100	36
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	1,3-Butadiene	< 1900	µg/m^3	U	520	1,900	3,100	31.2
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	1,4-Dioxane	< 1000	µg/m^3	U	370	1,000	3,100	187
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Benzene	60,000	µg/m^3		460	1,000	3,100	120
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Bromodichloromethane	< 1000	µg/m^3	U	460	1,000	3,100	25.3
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Bromoform	< 1900	µg/m^3	U	650	1,900	3,100	851
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Carbon tetrachloride	< 1000	µg/m^3	U	440	1,000	3,000	156
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Chloroform	< 1000	µg/m^3	U	420	1,000	3,100	40.7
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Chloromethane	< 1900	µg/m^3	U	510	1,900	3,100	520
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Dibromochloromethane	< 1000	µg/m^3	U	420	1,000	3,100	34.7
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Ethyl acetate	< 3900	µg/m^3	U	1,700	3,900	5,900	2,430
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Ethylbenzene	14,000	µg/m^3		450	1,000	3,100	374
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	m- & p-Xylenes	140,000	µg/m^3		830	2,000	5,900	3,480
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Naphthalene	< 1800	µg/m^3	U	770	1,800	3,100	27.5
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Tetrachloroethene	< 1000	µg/m^3	U	410	1,000	3,100	1,390
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Trichloroethene	< 1000	µg/m^3	U	430	1,000	3,000	69.5
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Vinyl chloride	< 1000	µg/m^3	U	340	1,000	3,100	55.9
KAFB-106128-350	SV128-350-212	4/6/2021	N	P2101896	TO-15	5,940	Xylenes, total	190,000	µg/m^3		830	2,000	5,900	3,480
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	1,1-Dichloroethane	< 2500	µg/m^3	U	600	2,500	4,100	585
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	1,2,4-Trichlorobenzene	< 2400	µg/m^3	U	990	2,400	7,600	69.5
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	1,2-Dibromoethane	4,800	µg/m^3		470	1,300	4,000	1.56
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	1,2-Dichloroethane	< 1300	µg/m^3	U	450	1,300	4,000	36
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	1,3-Butadiene	< 2400	µg/m^3	U	670	2,400	4,000	31.2
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	1,4-Dioxane	< 1300	µg/m^3	U	480	1,300	4,000	187
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Benzene	33,000	µg/m^3		590	1,300	4,000	120
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Bromodichloromethane	< 1300	µg/m^3	U	590	1,300	4,000	25.3
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Bromoform	< 2400	µg/m^3	U	840	2,400	4,000	851
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Carbon tetrachloride	< 1300	µg/m^3	U	570	1,300	3,900	156
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Chloroform	< 1300	µg/m^3	U	540	1,300	4,000	40.7
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Chloromethane	< 2400	µg/m^3	U	660	2,400	4,000	520
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Dibromochloromethane	< 1300	µg/m^3	U	530	1,300	4,000	34.7
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Dichlorodifluoromethane	2,800	µg/m^3	J	660	2,400	4,000	3,480
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Ethyl acetate	< 5000	µg/m^3	U	2,100	5,000	7,600	2,430
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Ethylbenzene	17,000	µg/m^3		570	1,300	4,000	374
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	m- & p-Xylenes	310,000	µg/m^3		1,100	2,600	7,600	3,480
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Naphthalene	< 2400	µg/m^3	U	990	2,400	4,000	27.5
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	o-Xylene	83,000	µg/m^3		590	1,300	4,000	3,480
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Tetrachloroethene	< 1300	µg/m^3	U	530	1,300	4,000	1,390
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Trichloroethene	1,000	µg/m^3	J	550	1,300	3,900	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Vinyl chloride	< 1300	µg/m^3	U	440	1,300	4,000	55.9
KAFB-106128-450	SV128-450-212	4/6/2021	N	P2101896	TO-15	7,640	Xylenes, total	400,000	µg/m^3		1,100	2,600	7,600	3,480
KAFB-106129-025	SV129-025-212	4/19/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106129-050	SV129-050-212	4/19/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106129-150	SV129-150-212	4/19/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106129-250	SV129-250-212	4/19/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106129-350	SV129-350-212	4/19/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	1,2,4-Trichlorobenzene	< 30	µg/m^3	U	12	30	95	69.5
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	1,2-Dibromoethane	< 16	µg/m^3	U	5	16	49	1.56
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	1,2-Dichloroethane	< 16	µg/m^3	U	5	16	49	36
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	1,3-Butadiene	< 30	µg/m^3	U	8	30	49	31.2
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	Bromodichloromethane	< 16	µg/m^3	U	7	16	49	25.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	Chloroform	< 16	µg/m^3	U	6	16	50	40.7
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	Dibromochloromethane	< 16	µg/m^3	U	6	16	49	34.7
KAFB-106129-450	SV129-450-212	4/19/2021	N	P2102340	TO-15	94	Naphthalene	< 29	µg/m^3	U	12	29	49	27.5
KAFB-106130-025	SV130-025-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106130-150	SV130-150-212	4/20/2021	N	P2102340	TO-15	19	1,2-Dibromoethane	< 3	µg/m^3	U	1	3	10	1.56
KAFB-106130-250	SV130-250-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106130-350	SV130-350-212	4/20/2021	N	P2102340	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	1,2,4-Trichlorobenzene	< 66	µg/m^3	U	27	66	210	69.5
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	1,2-Dibromoethane	< 35	µg/m^3	U	13	35	110	1.56
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	1,2-Dichloroethane	< 35	µg/m^3	U	12	35	110	36
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	1,3-Butadiene	< 66	µg/m^3	U	18	66	110	31.2
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	Bromodichloromethane	< 35	µg/m^3	U	16	35	110	25.3
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	Chloroform	< 35	µg/m^3	U	15	35	110	40.7
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	Dibromochloromethane	< 35	µg/m^3	U	14	35	110	34.7
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	Naphthalene	< 64	µg/m^3	U	27	64	110	27.5
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	Trichloroethene	19	µg/m^3	J	15	35	100	69.5
KAFB-106130-450	SV130-450-212	4/20/2021	N	P2102340	TO-15	205	Vinyl chloride	< 35	µg/m^3	U	12	35	110	55.9
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	1,2,4-Trichlorobenzene	< 27	µg/m^3	U	11	27	84	69.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	1,2-Dibromoethane	< 14	µg/m^3	U	5	14	43	1.56
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	1,2-Dichloroethane	< 14	µg/m^3	U	4	14	43	36
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	1,3-Butadiene	< 27	µg/m^3	U	7	27	43	31.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	Bromodichloromethane	< 14	µg/m^3	U	6	14	43	25.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	Chloroform	< 14	µg/m^3	U	5	14	44	40.7
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	Dibromochloromethane	< 14	µg/m^3	U	5	14	43	34.7
KAFB-106130-450	SV130-450-612	4/20/2021	FD	P2102340	TO-15	83	Naphthalene	< 26	µg/m^3	U	11	26	43	27.5
KAFB-106131-025	SV131-025-212	4/13/2021	N	P2102034	TO-15	5.23	1,2-Dibromoethane	< 0.89	µg/m^3	U	0.32	0.89	2.7	1.56
KAFB-106131-055	SV131-055-212	4/13/2021	N	P2102034	TO-15	4.78	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.3	0.81	2.5	1.56
KAFB-106131-150	SV131-150-212	4/13/2021	N	P2102034	TO-15	4.6	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.29	0.78	2.4	1.56
KAFB-106131-245	SV131-245-212	4/13/2021	N	P2102034	TO-15	4.63	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106131-350	SV131-350-212	4/13/2021	N	P2102034	TO-15	65	1,2-Dibromoethane	< 11	µg/m^3	U	4	11	34	1.56
KAFB-106131-350	SV131-350-212	4/13/2021	N	P2102034	TO-15	65	1,3-Butadiene	< 21	µg/m^3	U	5.7	21	34	31.2
KAFB-106131-350	SV131-350-212	4/13/2021	N	P2102034	TO-15	65	Bromodichloromethane	< 11	µg/m^3	U	5	11	34	25.3
KAFB-106131-350	SV131-350-212	4/13/2021	N	P2102034	TO-15	65	Naphthalene	< 20	µg/m^3	U	8.5	20	34	27.5
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	1,2,4-Trichlorobenzene	< 290	µg/m^3	U	120	290	910	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	1,2-Dibromoethane	< 150	µg/m^3	U	56	150	470	1.56
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	1,2-Dichloroethane	< 150	µg/m^3	U	54	150	470	36
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	1,3-Butadiene	< 290	µg/m^3	U	80	290	470	31.2
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	1,4-Dioxane	< 150	µg/m^3	U	57	150	470	187
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Benzene	4,500	µg/m^3		70	150	470	120
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Bromodichloromethane	< 150	µg/m^3	U	70	150	470	25.3
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Carbon tetrachloride	< 150	µg/m^3	U	67	150	460	156
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Chloroform	< 150	µg/m^3	U	65	150	480	40.7
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Dibromochloromethane	< 150	µg/m^3	U	64	150	470	34.7
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Ethylbenzene	140	µg/m^3	J	68	150	470	374
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Naphthalene	< 280	µg/m^3	U	120	280	470	27.5
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Trichloroethene	< 150	µg/m^3	U	66	150	460	69.5
KAFB-106131-450	SV131-450-212	4/13/2021	N	P2102034	TO-15	910	Vinyl chloride	< 150	µg/m^3	U	52	150	480	55.9
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	1,2,4-Trichlorobenzene	< 34	µg/m^3	U	14	34	110	69.5
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	1,2-Dibromoethane	< 18	µg/m^3	U	6.6	18	55	1.56
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	1,2-Dichloroethane	< 18	µg/m^3	U	6.3	18	55	36
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	1,3-Butadiene	< 34	µg/m^3	U	9.4	34	55	31.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	Bromodichloromethane	< 18	µg/m^3	U	8.2	18	55	25.3
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	Chloroform	12	µg/m^3	J	7.6	18	56	40.7
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	Dibromochloromethane	< 18	µg/m^3	U	7.5	18	55	34.7
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	Naphthalene	< 33	µg/m^3	U	14	33	55	27.5
KAFB-106132-025	SV132-025-212	4/12/2021	N	P2102034	TO-15	107	Vinyl chloride	< 18	µg/m^3	U	6.1	18	56	55.9
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	1,2,4-Trichlorobenzene	< 43	µg/m^3	U	17	43	130	69.5
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	1,2-Dibromoethane	< 23	µg/m^3	U	8.2	23	69	1.56
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	1,2-Dichloroethane	< 23	µg/m^3	U	7.8	23	69	36
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	1,3-Butadiene	< 43	µg/m^3	U	12	43	69	31.2
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	Bromodichloromethane	< 23	µg/m^3	U	10	23	69	25.3
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	Chloroform	19	µg/m^3	J	9.4	23	70	40.7
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	Dibromochloromethane	< 23	µg/m^3	U	9.3	23	69	34.7
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	Naphthalene	< 41	µg/m^3	U	17	41	69	27.5
KAFB-106132-050	SV132-050-212	4/12/2021	N	P2102034	TO-15	133	Vinyl chloride	< 23	µg/m^3	U	7.6	23	70	55.9
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	1,2,4-Trichlorobenzene	< 100	µg/m^3	U	41	100	310	69.5
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	1,2-Dibromoethane	< 53	µg/m^3	U	19	53	160	1.56
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	1,2-Dichloroethane	< 53	µg/m^3	U	18	53	160	36
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	1,3-Butadiene	< 100	µg/m^3	U	28	100	160	31.2
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Benzene	< 53	µg/m^3	U	24	53	160	120
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Bromodichloromethane	< 53	µg/m^3	U	24	53	160	25.3
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Carbon tetrachloride	27	µg/m^3	J	23	53	160	156
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Chloroform	< 53	µg/m^3	U	22	53	170	40.7
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Dibromochloromethane	< 53	µg/m^3	U	22	53	160	34.7
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Naphthalene	< 97	µg/m^3	U	41	97	160	27.5
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Trichloroethene	30000	µg/m^3		23	53	160	69.5
KAFB-106132-175	SV132-175-212	4/12/2021	N	P2102034	TO-15	313	Vinyl chloride	< 53	µg/m^3	U	18	53	170	55.9
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	1,2,4-Trichlorobenzene	< 64	µg/m^3	U	26	64	200	69.5
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	1,2-Dibromoethane	< 34	µg/m^3	U	12	34	100	1.56
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	1,2-Dichloroethane	< 34	µg/m^3	U	12	34	100	36

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Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	1,3-Butadiene	< 64	µg/m^3	U	18	64	100	31.2
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	Bromodichloromethane	< 34	µg/m^3	U	15	34	100	25.3
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	Chloroform	34	µg/m^3	J	14	34	110	40.7
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	Dibromochloromethane	< 34	µg/m^3	U	14	34	100	34.7
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	Naphthalene	< 62	µg/m^3	U	26	62	100	27.5
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	Trichloroethene	19000	µg/m^3		14	34	100	69.5
KAFB-106132-250	SV132-250-212	4/12/2021	N	P2102034	TO-15	201	Vinyl chloride	< 34	µg/m^3	U	11	34	110	55.9
KAFB-106132-350	SV132-350-212	4/12/2021	N	P2102034	TO-15	5.03	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
KAFB-106132-450	SV132-450-212	4/12/2021	N	P2102034	TO-15	5.43	1,2-Dibromoethane	< 0.92	µg/m^3	U	0.34	0.92	2.8	1.56
KAFB-106133-025	SV133-025-212	4/6/2021	N	P2101896	TO-15	5.78	1,2-Dibromoethane	< 0.98	µg/m^3	U	0.36	0.98	3	1.56
KAFB-106133-050	SV133-050-212	4/6/2021	N	P2101896	TO-15	4.9	1,2-Dibromoethane	< 0.83	µg/m^3	U	0.3	0.83	2.5	1.56
KAFB-106133-170	SV133-170-212	4/6/2021	N	P2101896	TO-15	8.48	1,2-Dibromoethane	< 1.4	µg/m^3	U	0.53	1.4	4.4	1.56
KAFB-106133-250	SV133-250-212	4/6/2021	N	P2101896	TO-15	4.83	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
KAFB-106133-250	SV133-250-612	4/6/2021	FD	P2101896	TO-15	4.68	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106133-350	SV133-350-212	4/6/2021	N	P2101896	TO-15	5.43	1,2-Dibromoethane	< 0.92	µg/m^3	U	0.34	0.92	2.8	1.56
KAFB-106133-450	SV133-450-212	4/6/2021	N	P2101896	TO-15	67	1,2-Dibromoethane	< 11	µg/m^3	U	4.2	11	35	1.56
KAFB-106133-450	SV133-450-212	4/6/2021	N	P2101896	TO-15	67	1,3-Butadiene	< 21	µg/m^3	U	5.9	21	35	31.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	P2101896	TO-15	67	Bromodichloromethane	< 11	µg/m^3	U	5.2	11	35	25.3
KAFB-106133-450	SV133-450-212	4/6/2021	N	P2101896	TO-15	67	Dibromochloromethane	< 11	µg/m^3	U	4.7	11	35	34.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	P2101896	TO-15	67	Naphthalene	< 21	µg/m^3	U	8.7	21	35	27.5
KAFB-106134-025	SV134-025-212	4/12/2021	N	P2102034	TO-15	5.4	1,2-Dibromoethane	< 0.92	µg/m^3	U	0.33	0.92	2.8	1.56
KAFB-106134-050	SV134-050-212	4/12/2021	N	P2102034	TO-15	5.7	1,2-Dibromoethane	< 0.97	µg/m^3	U	0.35	0.97	3	1.56
KAFB-106134-170	SV134-170-212	4/12/2021	N	P2102034	TO-15	5.28	1,2-Dibromoethane	< 0.9	µg/m^3	U	0.33	0.9	2.7	1.56
KAFB-106134-250	SV134-250-212	4/12/2021	N	P2102034	TO-15	5.05	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56
KAFB-106134-350	SV134-350-212	4/12/2021	N	P2102034	TO-15	5.23	1,2-Dibromoethane	< 0.89	µg/m^3	U	0.32	0.89	2.7	1.56
KAFB-106134-350	SV134-350-612	4/12/2021	FD	P2102034	TO-15	4.9	1,2-Dibromoethane	< 0.83	µg/m^3	U	0.3	0.83	2.5	1.56
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	1,2,4-Trichlorobenzene	< 23	µg/m^3	U	9.1	23	70	69.5
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	1,2-Dibromoethane	< 12	µg/m^3	U	4.4	12	37	1.56
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	1,2-Dichloroethane	< 12	µg/m^3	U	4.1	12	37	36
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	1,3-Butadiene	< 23	µg/m^3	U	6.2	23	37	31.2
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	Bromodichloromethane	< 12	µg/m^3	U	5.4	12	37	25.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	Dibromochloromethane	< 12	µg/m^3	U	4.9	12	37	34.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	P2102034	TO-15	70.3	Naphthalene	< 22	µg/m^3	U	9.1	22	37	27.5
KAFB-106135-025	SV135-025-212	4/12/2021	N	P2102163	TO-15	4.83	1,2-Dibromoethane	0.58	µg/m^3	J	0.3	0.82	2.5	1.56
KAFB-106135-050	SV135-050-212	4/12/2021	N	P2102163	TO-15	5.15	1,2-Dibromoethane	< 0.88	µg/m^3	U	0.32	0.88	2.7	1.56
KAFB-106135-150	SV135-150-212	4/12/2021	N	P2102163	TO-15	4.98	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
KAFB-106135-250	SV135-250-212	4/12/2021	N	P2102163	TO-15	4.95	1,2-Dibromoethane	< 0.84	µg/m^3	U	0.31	0.84	2.6	1.56
KAFB-106135-250	SV135-250-212	4/12/2021	N	P2102163	TO-15	396	Trichloroethene	600	µg/m^3		29	67	200	69.5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	P2102163	TO-15	6.15	1,2-Dibromoethane	< 1	µg/m^3	U	0.38	1	3.2	1.56
KAFB-106135-350	SV135-350-212	4/12/2021	N	P2102163	TO-15	5.08	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56
KAFB-106135-450	SV135-450-212	4/12/2021	N	P2102163	TO-15	4.58	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.28	0.78	2.4	1.56
KAFB-106136-025	SV136-025-212	4/6/2021	N	P2101896	TO-15	7.63	1,2-Dibromoethane	< 1.3	µg/m^3	U	0.47	1.3	4	1.56
KAFB-106136-050	SV136-050-212	4/6/2021	N	P2101896	TO-15	9.88	1,2-Dibromoethane	< 1.7	µg/m^3	U	0.61	1.7	5.1	1.56
KAFB-106136-150	SV136-150-212	4/6/2021	N	P2101896	TO-15	6.45	1,2-Dibromoethane	< 1.1	µg/m^3	U	0.4	1.1	3.4	1.56
KAFB-106136-250	SV136-250-212	4/6/2021	N	P2101896	TO-15	6.18	1,2-Dibromoethane	< 1	µg/m^3	U	0.38	1	3.2	1.56
KAFB-106136-350	SV136-350-212	4/6/2021	N	P2101896	TO-15	6.58	1,2-Dibromoethane	< 1.1	µg/m^3	U	0.41	1.1	3.4	1.56

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106136-450	SV136-450-212	4/6/2021	N	P2101896	TO-15	8.15	1,2-Dibromoethane	< 1.4	µg/m^3	U	0.51	1.4	4.2	1.56
KAFB-106137-025	SV137-025-212	4/12/2021	N	P2102163	TO-15	4.35	1,2-Dibromoethane	< 0.74	µg/m^3	U	0.27	0.74	2.3	1.56
KAFB-106137-050	SV137-050-212	4/12/2021	N	P2102163	TO-15	4.85	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
KAFB-106137-150	SV137-150-212	4/12/2021	N	P2102163	TO-15	4.83	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
KAFB-106137-250	SV137-250-212	4/12/2021	N	P2102163	TO-15	4.25	1,2-Dibromoethane	< 0.72	µg/m^3	U	0.26	0.72	2.2	1.56
KAFB-106137-350	SV137-350-212	4/12/2021	N	P2102163	TO-15	4.63	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	1,2,4-Trichlorobenzene	< 75	µg/m^3	U	30	75	230	69.5
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	1,2-Dibromoethane	530	µg/m^3		15	40	120	1.56
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	1,2-Dichloroethane	< 40	µg/m^3	U	14	40	120	36
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	1,3-Butadiene	< 75	µg/m^3	U	21	75	120	31.2
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	Bromodichloromethane	< 40	µg/m^3	U	18	40	120	25.3
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	Chloroform	< 40	µg/m^3	U	17	40	120	40.7
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	Dibromochloromethane	< 40	µg/m^3	U	16	40	120	34.7
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	Naphthalene	< 73	µg/m^3	U	30	73	120	27.5
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	Trichloroethene	49	µg/m^3	J	17	40	120	69.5
KAFB-106137-450	SV137-450-212	4/12/2021	N	P2102163	TO-15	234	Vinyl chloride	< 40	µg/m^3	U	13	40	120	55.9
KAFB-106138-025	SV138-025-212	4/6/2021	N	P2101896	TO-15	7.28	1,2-Dibromoethane	< 1.2	µg/m^3	U	0.45	1.2	3.8	1.56
KAFB-106138-050	SV138-050-212	4/6/2021	N	P2101896	TO-15	7.4	1,2-Dibromoethane	< 1.3	µg/m^3	U	0.46	1.3	3.8	1.56
KAFB-106138-150	SV138-150-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.28	0.78	2.4	1.56
KAFB-106138-150	SV138-150-612	4/6/2021	FD	P2101902	TO-15	6	1,2-Dibromoethane	< 1.1	µg/m^3	U	0.39	1.1	3.3	1.56
KAFB-106138-250	SV138-250-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56
KAFB-106138-350	SV138-350-212	4/6/2021	N	P2101902	TO-15	6	1,2-Dibromoethane	< 0.96	µg/m^3	U	0.35	0.96	2.9	1.56
KAFB-106138-450	SV138-450-212	4/6/2021	N	P2101902	TO-15	6	1,2-Dibromoethane	< 0.96	µg/m^3	U	0.35	0.96	2.9	1.56
KAFB-106139-025	SV139-025-212	4/12/2021	N	P2102163	TO-15	5.43	1,2-Dibromoethane	< 0.92	µg/m^3	U	0.34	0.92	2.8	1.56
KAFB-106139-050	SV139-050-212	4/12/2021	N	P2102163	TO-15	5.6	1,2-Dibromoethane	< 0.95	µg/m^3	U	0.35	0.95	2.9	1.56
KAFB-106139-050	SV139-050-612	4/12/2021	FD	P2102163	TO-15	4.48	1,2-Dibromoethane	< 0.76	µg/m^3	U	0.28	0.76	2.3	1.56
KAFB-106139-150	SV139-150-212	4/12/2021	N	P2102163	TO-15	41	1,2-Dibromoethane	< 7	µg/m^3	U	2.5	7	21	1.56
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	1,2,4-Trichlorobenzene	< 77	µg/m^3	U	31	77	240	69.5
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	1,2-Dibromoethane	< 41	µg/m^3	U	15	41	120	1.56
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	1,2-Dichloroethane	< 41	µg/m^3	U	14	41	120	36
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	1,3-Butadiene	< 77	µg/m^3	U	21	77	120	31.2
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	Bromodichloromethane	< 41	µg/m^3	U	18	41	120	25.3
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	Chloroform	340	µg/m^3		17	41	130	40.7
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	Dibromochloromethane	< 41	µg/m^3	U	17	41	120	34.7
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	Naphthalene	< 74	µg/m^3	U	31	74	120	27.5
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	Trichloroethene	< 41	µg/m^3	U	17	41	120	69.5
KAFB-106139-250	SV139-250-212	5/19/2021	N	P2102853	TO-15	240	Vinyl chloride	< 41	µg/m^3	U	14	41	130	55.9
KAFB-106139-350	SV139-350-212	4/12/2021	N	P2102163	TO-15	4.38	1,2-Dibromoethane	< 0.74	µg/m^3	U	0.27	0.74	2.3	1.56
KAFB-106139-450	SV139-450-212	4/12/2021	N	P2102163	TO-15	5.83	1,2-Dibromoethane	< 0.99	µg/m^3	U	0.36	0.99	3	1.56
KAFB-106140-025	SV140-025-212	4/12/2021	N	P2102163	TO-15	4.28	1,2-Dibromoethane	< 0.73	µg/m^3	U	0.27	0.73	2.2	1.56
KAFB-106140-050	SV140-050-212	4/12/2021	N	P2102163	TO-15	5.75	1,2-Dibromoethane	< 0.98	µg/m^3	U	0.36	0.98	3	1.56
KAFB-106140-150	SV140-150-212	4/12/2021	N	P2102163	TO-15	4.83	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
KAFB-106140-250	SV140-250-212	4/12/2021	N	P2102163	TO-15	5.45	1,2-Dibromoethane	< 0.93	µg/m^3	U	0.34	0.93	2.8	1.56
KAFB-106140-350	SV140-350-212	4/12/2021	N	P2102163	TO-15	4.55	1,2-Dibromoethane	< 0.77	µg/m^3	U	0.28	0.77	2.4	1.56
KAFB-106140-450	SV140-450-212	4/12/2021	N	P2102163	TO-15	10.4	1,2-Dibromoethane	< 1.8	µg/m^3	U	0.64	1.8	5.4	1.56
KAFB-106140-450	SV140-450-612	4/12/2021	FD	P2102163	TO-15	11	1,2-Dibromoethane	< 1.9	µg/m^3	U	0.68	1.9	5.7	1.56

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106141-025	SV141-025-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.83	µg/m^3	U	0.3	0.83	2.5	1.56
KAFB-106141-050	SV141-050-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.88	µg/m^3	U	0.32	0.88	2.7	1.56
KAFB-106141-170	SV141-170-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
KAFB-106141-250	SV141-250-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56
KAFB-106141-350	SV141-350-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.91	µg/m^3	U	0.33	0.91	2.8	1.56
KAFB-106141-450	SV141-450-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.91	µg/m^3	U	0.33	0.91	2.8	1.56
KAFB-106142-030	SV142-030-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.91	µg/m^3	U	0.33	0.91	2.8	1.56
KAFB-106142-050	SV142-050-212	4/6/2021	N	P2101902	TO-15	6	1,2-Dibromoethane	< 0.94	µg/m^3	U	0.34	0.94	2.9	1.56
KAFB-106142-170	SV142-170-212	4/6/2021	N	P2101902	TO-15	4	1,2-Dibromoethane	< 0.75	µg/m^3	U	0.27	0.75	2.3	1.56
KAFB-106142-170	SV142-170-612	4/6/2021	FD	P2101902	TO-15	6	1,2-Dibromoethane	< 1	µg/m^3	U	0.36	1	3.1	1.56
KAFB-106142-250	SV142-250-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
KAFB-106142-350	SV142-350-212	4/6/2021	N	P2101902	TO-15	5	1,2-Dibromoethane	2	µg/m^3	J	0.3	0.83	2.5	1.56
KAFB-106142-450	SV142-450-212	4/6/2021	N	P2101902	TO-15	21	1,2-Dibromoethane	< 3.6	µg/m^3	U	1.3	3.6	11	1.56
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	1,1-Dichloroethane	< 13000	µg/m^3	U	3100	13000	21000	585
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	1,2,4-Trichlorobenzene	< 13000	µg/m^3	U	5100	13000	40000	69.5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	1,2-Dibromoethane	< 6700	µg/m^3	U	2500	6700	21000	1.56
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	1,2-Dichloroethane	< 6700	µg/m^3	U	2300	6700	21000	36
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	1,3-Butadiene	< 13000	µg/m^3	U	3500	13000	21000	31.2
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	1,4-Dioxane	< 6700	µg/m^3	U	2500	6700	21000	187
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Benzene	950000	µg/m^3		3000	6700	21000	120
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Bromodichloromethane	< 6700	µg/m^3	U	3000	6700	21000	25.3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Bromoform	< 13000	µg/m^3	U	4400	13000	21000	851
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Carbon disulfide	< 21000	µg/m^3	U	6300	21000	40000	24300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Carbon tetrachloride	< 6700	µg/m^3	U	2900	6700	20000	156
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Chloroform	< 6700	µg/m^3	U	2800	6700	21000	40.7
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Chloromethane	< 13000	µg/m^3	U	3400	13000	21000	520
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Dibromochloromethane	< 6700	µg/m^3	U	2800	6700	21000	34.7
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Dichlorodifluoromethane	< 13000	µg/m^3	U	3400	13000	21000	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Ethyl acetate	< 26000	µg/m^3	U	11000	26000	40000	2430
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Ethylbenzene	70000	µg/m^3		3000	6700	21000	374
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	m- & p-Xylenes	110000	µg/m^3		5500	13000	40000	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Methylene chloride	< 13000	µg/m^3	U	5900	13000	21000	20900
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Naphthalene	< 12000	µg/m^3	U	5100	12000	21000	27.5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	o-Xylene	36000	µg/m^3		3000	6700	21000	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Tetrachloroethene	< 6700	µg/m^3	U	2700	6700	21000	1390
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Trichloroethene	< 6700	µg/m^3	U	2900	6700	20000	69.5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Vinyl chloride	< 6700	µg/m^3	U	2300	6700	21000	55.9
KAFB-106V1-102	SV1-102-212	4/20/2021	N	P2102340	TO-15	39,600	Xylenes, total	140000	µg/m^3		5500	13000	40000	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	1,1-Dichloroethane	< 13000	µg/m^3	U	3100	13000	22000	585
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	1,2,4-Trichlorobenzene	< 13000	µg/m^3	U	5200	13000	40000	69.5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	1,2-Dibromoethane	< 6800	µg/m^3	U	2500	6800	21000	1.56
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	1,2-Dichloroethane	< 6800	µg/m^3	U	2400	6800	21000	36
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	1,3-Butadiene	< 13000	µg/m^3	U	3500	13000	21000	31.2
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	1,4-Dioxane	< 6800	µg/m^3	U	2500	6800	21000	187
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Benzene	720000	µg/m^3		3100	6800	21000	120
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Bromodichloromethane	< 6800	µg/m^3	U	3100	6800	21000	25.3

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Bromoform	< 13000	µg/m^3	U	4400	13000	21000	851
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Carbon disulfide	< 22000	µg/m^3	U	6400	22000	40000	24300
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Carbon tetrachloride	< 6800	µg/m^3	U	3000	6800	20000	156
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Chloroform	< 6800	µg/m^3	U	2800	6800	21000	40.7
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Chloromethane	< 13000	µg/m^3	U	3400	13000	21000	520
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Dibromochloromethane	< 6800	µg/m^3	U	2800	6800	21000	34.7
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Dichlorodifluoromethane	< 13000	µg/m^3	U	3500	13000	21000	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Ethyl acetate	< 26000	µg/m^3	U	11000	26000	40000	2430
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Ethylbenzene	45000	µg/m^3		3000	6800	21000	374
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	m- & p-Xylenes	69000	µg/m^3		5600	14000	40000	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Methylene chloride	< 13000	µg/m^3	U	6000	13000	21000	20900
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Naphthalene	< 12000	µg/m^3	U	5200	12000	21000	27.5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	o-Xylene	21000	µg/m^3	J	3100	6800	21000	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Tetrachloroethene	< 6800	µg/m^3	U	2800	6800	21000	1390
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Trichloroethene	< 6800	µg/m^3	U	2900	6800	20000	69.5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Vinyl chloride	< 6800	µg/m^3	U	2300	6800	21000	55.9
KAFB-106V1-113	SV1-113-212	4/20/2021	N	P2102340	TO-15	40,000	Xylenes, total	90000	µg/m^3		5600	14000	40000	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	1,1-Dichloroethane	< 3300	µg/m^3	U	770	3300	5300	585
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	1,2,4-Trichlorobenzene	< 3200	µg/m^3	U	1300	3200	9900	69.5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	1,2-Dibromoethane	< 1700	µg/m^3	U	610	1700	5100	1.56
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	1,2-Dichloroethane	< 1700	µg/m^3	U	580	1700	5100	36
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	1,3-Butadiene	< 3200	µg/m^3	U	870	3200	5100	31.2
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	1,4-Dioxane	< 1700	µg/m^3	U	620	1700	5100	187
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Benzene	110000	µg/m^3		760	1700	5100	120
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Bromodichloromethane	< 1700	µg/m^3	U	760	1700	5100	25.3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Bromoform	< 3200	µg/m^3	U	1100	3200	5200	851
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Carbon tetrachloride	< 1700	µg/m^3	U	730	1700	5000	156
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Chloroform	< 1700	µg/m^3	U	700	1700	5200	40.7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Chloromethane	< 3200	µg/m^3	U	850	3200	5100	520
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Dibromochloromethane	< 1700	µg/m^3	U	690	1700	5100	34.7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Dichlorodifluoromethane	< 3200	µg/m^3	U	860	3200	5100	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Ethyl acetate	< 6400	µg/m^3	U	2800	6400	9900	2430
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Ethylbenzene	130000	µg/m^3		740	1700	5100	374
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	m- & p-Xylenes	230000	µg/m^3		1400	3400	9900	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Naphthalene	< 3100	µg/m^3	U	1300	3100	5100	27.5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	o-Xylene	74000	µg/m^3		760	1700	5200	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Tetrachloroethene	< 1700	µg/m^3	U	680	1700	5100	1390
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Trichloroethene	< 1700	µg/m^3	U	710	1700	5000	69.5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Vinyl chloride	< 1700	µg/m^3	U	560	1700	5200	55.9
KAFB-106V1-160	SV1-160-212	4/20/2021	N	P2102356	TO-15	9,900	Xylenes, total	310000	µg/m^3		1400	3400	9900	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	1,1-Dichloroethane	< 11000	µg/m^3	U	2700	11000	18000	585
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	1,2,4-Trichlorobenzene	< 11000	µg/m^3	U	4400	11000	34000	69.5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	1,2-Dibromoethane	< 5800	µg/m^3	U	2100	5800	18000	1.56
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	1,2-Dichloroethane	< 5800	µg/m^3	U	2000	5800	18000	36
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	1,3-Butadiene	< 11000	µg/m^3	U	3000	11000	18000	31.2
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	1,4-Dioxane	< 5800	µg/m^3	U	2100	5800	18000	187

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Benzene	600000	µg/m^3		2600	5800	18000	120
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Bromodichloromethane	< 5800	µg/m^3	U	2600	5800	18000	25.3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Bromoform	< 11000	µg/m^3	U	3700	11000	18000	851
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Carbon disulfide	7400	µg/m^3	J	5400	18000	34000	24300
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Carbon tetrachloride	< 5800	µg/m^3	U	2500	5800	17000	156
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Chloroform	< 5800	µg/m^3	U	2400	5800	18000	40.7
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Chloromethane	< 11000	µg/m^3	U	2900	11000	18000	520
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Dibromochloromethane	< 5800	µg/m^3	U	2400	5800	18000	34.7
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Dichlorodifluoromethane	< 11000	µg/m^3	U	3000	11000	18000	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Ethyl acetate	< 22000	µg/m^3	U	9500	22000	34000	2430
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Ethylbenzene	140000	µg/m^3		2600	5800	18000	374
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	m- & p-Xylenes	390000	µg/m^3		4800	12000	34000	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Naphthalene	< 11000	µg/m^3	U	4400	11000	18000	27.5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	o-Xylene	110000	µg/m^3		2600	5800	18000	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Tetrachloroethene	< 5800	µg/m^3	U	2300	5800	18000	1390
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Trichloroethene	< 5800	µg/m^3	U	2400	5800	17000	69.5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Vinyl chloride	< 5800	µg/m^3	U	1900	5800	18000	55.9
KAFB-106V1-217	SV1-217-212	4/20/2021	N	P2102356	TO-15	34,000	Xylenes, total	500000	µg/m^3		4800	12000	34000	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	1,1-Dichloroethane	< 16000	µg/m^3	U	3800	16000	27000	585
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	1,2,4-Trichlorobenzene	< 16000	µg/m^3	U	6400	16000	49000	69.5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	1,2-Dibromoethane	< 8400	µg/m^3	U	3100	8400	26000	1.56
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	1,2-Dichloroethane	< 8400	µg/m^3	U	2900	8400	26000	36
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	1,3-Butadiene	< 16000	µg/m^3	U	4300	16000	26000	31.2
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	1,4-Dioxane	< 8400	µg/m^3	U	3100	8400	26000	187
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Benzene	85000	µg/m^3		3800	8400	26000	120
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Bromodichloromethane	< 8400	µg/m^3	U	3800	8400	26000	25.3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Bromoform	< 16000	µg/m^3	U	5400	16000	26000	851
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Carbon disulfide	< 27000	µg/m^3	U	7900	27000	49000	24300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Carbon tetrachloride	< 8400	µg/m^3	U	3600	8400	25000	156
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Chloroform	< 8400	µg/m^3	U	3500	8400	26000	40.7
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Chloromethane	< 16000	µg/m^3	U	4200	16000	26000	520
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Dibromochloromethane	< 8400	µg/m^3	U	3400	8400	26000	34.7
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Dichlorodifluoromethane	< 16000	µg/m^3	U	4300	16000	26000	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Ethyl acetate	< 32000	µg/m^3	U	14000	32000	49000	2430
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Ethylbenzene	210000	µg/m^3		3700	8400	26000	374
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Hexane	130000	µg/m^3		5400	16000	26000	24300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	m- & p-Xylenes	570000	µg/m^3		6900	17000	49000	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Methylene chloride	< 16000	µg/m^3	U	7400	16000	26000	20900
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Naphthalene	< 15000	µg/m^3	U	6400	15000	26000	27.5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	o-Xylene	150000	µg/m^3		3800	8400	26000	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Tetrachloroethene	< 8400	µg/m^3	U	3400	8400	26000	1390
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Trichloroethene	< 8400	µg/m^3	U	3500	8400	25000	69.5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Trichlorofluoromethane	< 16000	µg/m^3	U	4000	16000	25000	24300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Vinyl chloride	< 8400	µg/m^3	U	2800	8400	26000	55.9
KAFB-106V1-252	SV1-252-212	4/20/2021	N	P2102356	TO-15	49,300	Xylenes, total	720000	µg/m^3		6900	17000	49000	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	1,1-Dichloroethane	< 13000	µg/m^3	U	3000	13000	21000	585

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	1,2,4-Trichlorobenzene	< 12000	µg/m^3	U	5000	12000	39000	69.5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	1,2-Dibromoethane	16000	µg/m^3	J	2400	6600	20000	1.56
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	1,2-Dichloroethane	< 6600	µg/m^3	U	2300	6600	20000	36
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	1,3-Butadiene	< 12000	µg/m^3	U	3400	12000	20000	31.2
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	1,4-Dioxane	< 6600	µg/m^3	U	2400	6600	20000	187
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Benzene	170000	µg/m^3		3000	6600	20000	120
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Bromodichloromethane	< 6600	µg/m^3	U	3000	6600	20000	25.3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Bromoform	< 12000	µg/m^3	U	4300	12000	21000	851
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Carbon disulfide	< 21000	µg/m^3	U	6200	21000	39000	24300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Carbon tetrachloride	< 6600	µg/m^3	U	2900	6600	20000	156
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Chloroform	< 6600	µg/m^3	U	2800	6600	21000	40.7
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Chloromethane	< 12000	µg/m^3	U	3300	12000	20000	520
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Dibromochloromethane	< 6600	µg/m^3	U	2700	6600	20000	34.7
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Dichlorodifluoromethane	< 12000	µg/m^3	U	3400	12000	20000	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Ethyl acetate	< 25000	µg/m^3	U	11000	25000	39000	2430
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Ethylbenzene	270000	µg/m^3		2900	6600	20000	374
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	m- & p-Xylenes	670000	µg/m^3		5400	13000	39000	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Naphthalene	< 12000	µg/m^3	U	5000	12000	20000	27.5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	o-Xylene	170000	µg/m^3		3000	6600	21000	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Tetrachloroethene	< 6600	µg/m^3	U	2700	6600	20000	1390
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Trichloroethene	< 6600	µg/m^3	U	2800	6600	20000	69.5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Vinyl chloride	< 6600	µg/m^3	U	2200	6600	21000	55.9
KAFB-106V1-263	SV1-263-212	4/20/2021	N	P2102356	TO-15	38,800	Xylenes, total	840000	µg/m^3		5400	13000	39000	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	1,1-Dichloroethane	< 14000	µg/m^3	U	3300	14000	23000	585
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	1,2,4-Trichlorobenzene	< 13000	µg/m^3	U	5500	13000	42000	69.5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	1,2-Dibromoethane	< 7100	µg/m^3	U	2600	7100	22000	1.56
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	1,2-Dichloroethane	< 7100	µg/m^3	U	2500	7100	22000	36
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	1,3-Butadiene	< 13000	µg/m^3	U	3700	13000	22000	31.2
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	1,4-Dioxane	< 7100	µg/m^3	U	2600	7100	22000	187
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Benzene	1300000	µg/m^3		3200	7100	22000	120
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Bromodichloromethane	< 7100	µg/m^3	U	3200	7100	22000	25.3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Bromoform	< 13000	µg/m^3	U	4600	13000	22000	851
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Carbon disulfide	12000	µg/m^3	J	6700	23000	42000	24300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Carbon tetrachloride	< 7100	µg/m^3	U	3100	7100	21000	156
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Chloroform	< 7100	µg/m^3	U	3000	7100	22000	40.7
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Chloromethane	< 13000	µg/m^3	U	3600	13000	22000	520
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Dibromochloromethane	< 7100	µg/m^3	U	2900	7100	22000	34.7
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Dichlorodifluoromethane	< 13000	µg/m^3	U	3700	13000	22000	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Ethyl acetate	< 27000	µg/m^3	U	12000	27000	42000	2430
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Ethylbenzene	140000	µg/m^3		3200	7100	22000	374
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	84,000	Hexane	5400000	µg/m^3		9200	27000	44000	24300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	m- & p-Xylenes	310000	µg/m^3		5900	14000	42000	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Methylene chloride	< 13000	µg/m^3	U	6300	13000	22000	20900
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Naphthalene	< 13000	µg/m^3	U	5500	13000	22000	27.5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	o-Xylene	84000	µg/m^3		3200	7100	22000	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Tetrachloroethene	< 7100	µg/m^3	U	2900	7100	22000	1390

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Trichloroethene	< 7100	µg/m^3	U	3000	7100	21000	69.5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Vinyl chloride	< 7100	µg/m^3	U	2400	7100	22000	55.9
KAFB-106V2-102	SV2-102-212	4/20/2021	N	P2102356	TO-15	42,000	Xylenes, total	400000	µg/m^3		5900	14000	42000	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	1,1-Dichloroethane	< 26000	µg/m^3	U	6200	26000	43000	585
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	1,2,4-Trichlorobenzene	< 26000	µg/m^3	U	10000	26000	80000	69.5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	1,2-Dibromoethane	< 14000	µg/m^3	U	5000	14000	42000	1.56
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	1,2-Dichloroethane	< 14000	µg/m^3	U	4700	14000	42000	36
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	1,3-Butadiene	< 26000	µg/m^3	U	7000	26000	42000	31.2
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	1,4-Dioxane	< 14000	µg/m^3	U	5000	14000	42000	187
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Benzene	1500000	µg/m^3		6200	14000	42000	120
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Bromodichloromethane	< 14000	µg/m^3	U	6200	14000	42000	25.3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Bromoform	< 26000	µg/m^3	U	8800	26000	42000	851
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Carbon disulfide	< 43000	µg/m^3	U	13000	43000	80000	24300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Carbon tetrachloride	< 14000	µg/m^3	U	5900	14000	41000	156
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Chloroform	< 14000	µg/m^3	U	5700	14000	42000	40.7
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Chloromethane	< 26000	µg/m^3	U	6900	26000	42000	520
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Dibromochloromethane	< 14000	µg/m^3	U	5600	14000	42000	34.7
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Dichlorodifluoromethane	< 26000	µg/m^3	U	7000	26000	42000	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Ethyl acetate	< 52000	µg/m^3	U	22000	52000	80000	2430
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Ethylbenzene	150000	µg/m^3		6000	14000	42000	374
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Hexane	7300000	µg/m^3		8800	26000	42000	24300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	m- & p-Xylenes	350000	µg/m^3		11000	27000	80000	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Methylene chloride	< 26000	µg/m^3	U	12000	26000	42000	20900
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Naphthalene	< 25000	µg/m^3	U	10000	25000	42000	27.5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	o-Xylene	94000	µg/m^3		6200	14000	42000	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Styrene	< 26000	µg/m^3	U	6900	26000	42000	34800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Tetrachloroethene	< 14000	µg/m^3	U	5500	14000	42000	1390
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Trichloroethene	< 14000	µg/m^3	U	5800	14000	41000	69.5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Trichlorofluoromethane	< 26000	µg/m^3	U	6500	26000	41000	24300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Vinyl chloride	< 14000	µg/m^3	U	4600	14000	42000	55.9
KAFB-106V2-117	SV2-117-212	4/20/2021	N	P2102356	TO-15	80,000	Xylenes, total	450000	µg/m^3		11000	27000	80000	3480
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	1,2,4-Trichlorobenzene	< 210	µg/m^3	U	84	210	640	69.5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	1,2-Dibromoethane	< 110	µg/m^3	U	40	110	330	1.56
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	1,2-Dichloroethane	< 110	µg/m^3	U	38	110	330	36
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	1,3-Butadiene	< 210	µg/m^3	U	57	210	330	31.2
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	1,4-Dioxane	< 110	µg/m^3	U	41	110	330	187
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Benzene	4900	µg/m^3		50	110	330	120
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Bromodichloromethane	< 110	µg/m^3	U	50	110	330	25.3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Carbon tetrachloride	< 110	µg/m^3	U	48	110	330	156
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Chloroform	< 110	µg/m^3	U	46	110	340	40.7
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Dibromochloromethane	< 110	µg/m^3	U	45	110	330	34.7
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Naphthalene	1800	µg/m^3		84	200	330	27.5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Trichloroethene	< 110	µg/m^3	U	46	110	330	69.5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	P2102356	TO-15	643	Vinyl chloride	< 110	µg/m^3	U	37	110	340	55.9
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	1,1-Dichloroethane	< 15000	µg/m^3	U	3500	15000	24000	585
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	1,2,4-Trichlorobenzene	< 14000	µg/m^3	U	5900	14000	45000	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	1,2-Dibromoethane	< 7700	µg/m^3	U	2800	7700	24000	1.56
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	1,2-Dichloroethane	< 7700	µg/m^3	U	2700	7700	24000	36
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	1,3-Butadiene	< 14000	µg/m^3	U	4000	14000	24000	31.2
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	1,4-Dioxane	< 7700	µg/m^3	U	2900	7700	24000	187
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Benzene	960000	µg/m^3		3500	7700	24000	120
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Bromodichloromethane	< 7700	µg/m^3	U	3500	7700	24000	25.3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Bromoform	< 14000	µg/m^3	U	5000	14000	24000	851
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Carbon disulfide	< 24000	µg/m^3	U	7200	24000	45000	24300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Carbon tetrachloride	< 7700	µg/m^3	U	3300	7700	23000	156
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Chloroform	< 7700	µg/m^3	U	3200	7700	24000	40.7
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Chloromethane	< 14000	µg/m^3	U	3900	14000	24000	520
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Dibromochloromethane	< 7700	µg/m^3	U	3200	7700	24000	34.7
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Dichlorodifluoromethane	< 14000	µg/m^3	U	3900	14000	24000	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Ethyl acetate	< 29000	µg/m^3	U	13000	29000	45000	2430
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Ethylbenzene	110000	µg/m^3		3400	7700	24000	374
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	m- & p-Xylenes	250000	µg/m^3		6300	15000	45000	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Methylene chloride	< 14000	µg/m^3	U	6800	14000	24000	20900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Naphthalene	< 14000	µg/m^3	U	5900	14000	24000	27.5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	o-Xylene	72000	µg/m^3		3500	7700	24000	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Tetrachloroethene	< 7700	µg/m^3	U	3100	7700	24000	1390
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Trichloroethene	< 7700	µg/m^3	U	3300	7700	23000	69.5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Vinyl chloride	< 7700	µg/m^3	U	2600	7700	24000	55.9
KAFB-106V2-217	SV2-217-212	4/20/2021	N	P2102356	TO-15	45,300	Xylenes, total	320000	µg/m^3		6300	15000	45000	3480
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	1,1-Dichloroethane	< 1500	µg/m^3	U	360	1500	2500	585
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	1,2,4-Trichlorobenzene	< 1500	µg/m^3	U	600	1500	4600	69.5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	1,2-Dibromoethane	< 790	µg/m^3	U	290	790	2400	1.56
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	1,2-Dichloroethane	< 790	µg/m^3	U	270	790	2400	36
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	1,3-Butadiene	< 1500	µg/m^3	U	410	1500	2400	31.2
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	1,4-Dioxane	< 790	µg/m^3	U	290	790	2400	187
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Benzene	2300	µg/m^3	J	360	790	2400	120
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Bromodichloromethane	< 790	µg/m^3	U	360	790	2400	25.3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Bromoform	< 1500	µg/m^3	U	510	1500	2500	851
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Carbon tetrachloride	< 790	µg/m^3	U	340	790	2400	156
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Chloroform	< 790	µg/m^3	U	330	790	2500	40.7
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Chloromethane	< 1500	µg/m^3	U	400	1500	2400	520
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Dibromochloromethane	< 790	µg/m^3	U	320	790	2400	34.7
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Ethyl acetate	< 3000	µg/m^3	U	1300	3000	4600	2430
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Ethylbenzene	120000	µg/m^3		350	790	2400	374
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	m- & p-Xylenes	260000	µg/m^3		650	1600	4600	3480
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Naphthalene	890	µg/m^3	J	600	1400	2400	27.5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Tetrachloroethene	< 790	µg/m^3	U	320	790	2400	1390
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Trichloroethene	< 790	µg/m^3	U	330	790	2400	69.5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Vinyl chloride	< 790	µg/m^3	U	260	790	2500	55.9
KAFB-106V2-252	SV2-252-212	4/20/2021	N	P2102356	TO-15	4,630	Xylenes, total	330000	µg/m^3		650	1600	4600	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	1,1-Dichloroethane	< 2800	µg/m^3	U	660	2800	4500	585
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	1,2,4-Trichlorobenzene	< 2700	µg/m^3	U	1100	2700	8400	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	1,2-Dibromoethane	< 1400	µg/m^3	U	520	1400	4400	1.56
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	1,2-Dichloroethane	< 1400	µg/m^3	U	500	1400	4400	36
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	1,3-Butadiene	< 2700	µg/m^3	U	740	2700	4400	31.2
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	1,4-Dioxane	< 1400	µg/m^3	U	530	1400	4400	187
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Benzene	65000	µg/m^3		650	1400	4400	120
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Bromodichloromethane	< 1400	µg/m^3	U	650	1400	4400	25.3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Bromoform	< 2700	µg/m^3	U	920	2700	4500	851
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Carbon tetrachloride	< 1400	µg/m^3	U	620	1400	4300	156
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Chloroform	< 1400	µg/m^3	U	600	1400	4500	40.7
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Chloromethane	< 2700	µg/m^3	U	720	2700	4400	520
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Dibromochloromethane	< 1400	µg/m^3	U	590	1400	4400	34.7
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Dichlorodifluoromethane	< 2700	µg/m^3	U	730	2700	4400	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Ethyl acetate	< 5500	µg/m^3	U	2400	5500	8400	2430
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Ethylbenzene	200000	µg/m^3		630	1400	4400	374
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	m- & p-Xylenes	490000	µg/m^3		1200	2900	8400	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Naphthalene	1600	µg/m^3	J	1100	2600	4400	27.5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	o-Xylene	140000	µg/m^3		650	1400	4500	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Tetrachloroethene	< 1400	µg/m^3	U	580	1400	4400	1390
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Trichloroethene	< 1400	µg/m^3	U	600	1400	4300	69.5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Vinyl chloride	< 1400	µg/m^3	U	480	1400	4500	55.9
KAFB-106V2-270	SV2-270-212	4/20/2021	N	P2102356	TO-15	8,400	Xylenes, total	630000	µg/m^3		1200	2900	8400	3480
KAFB-106V3-007	SV3-007-212	4/20/2021	N	P2102359	TO-15	5	1,2-Dibromoethane	6.8	µg/m^3		0.28	0.76	2.3	1.56
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	P2102359	TO-15	5	1,2-Dibromoethane	6.6	µg/m^3		0.29	0.79	2.4	1.56
KAFB-106V3-015	SV3-015-212	4/20/2021	N	P2102359	TO-15	4	1,2-Dibromoethane	12	µg/m^3		0.27	0.73	2.2	1.56
KAFB-106V3-272	SV3-272-212	4/20/2021	N	P2102359	TO-15	4	1,2-Dibromoethane	17	µg/m^3		0.23	0.64	2	1.56
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	1,1-Dichloroethane	< 1100	µg/m^3	U	260	1100	1800	585
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	1,2,4-Trichlorobenzene	< 1100	µg/m^3	U	430	1100	3300	69.5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	1,2-Dibromoethane	640	µg/m^3	J	200	560	1700	1.56
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	1,2-Dichloroethane	< 560	µg/m^3	U	190	560	1700	36
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	1,3-Butadiene	< 1100	µg/m^3	U	290	1100	1700	31.2
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	1,4-Dioxane	< 560	µg/m^3	U	210	560	1700	187
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Benzene	50000	µg/m^3		250	560	1700	120
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Bromodichloromethane	< 560	µg/m^3	U	250	560	1700	25.3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Bromoform	< 1100	µg/m^3	U	360	1100	1700	851
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Carbon tetrachloride	< 560	µg/m^3	U	240	560	1700	156
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Chloroform	< 560	µg/m^3	U	230	560	1700	40.7
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Chloromethane	< 1100	µg/m^3	U	280	1100	1700	520
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Dibromochloromethane	< 560	µg/m^3	U	230	560	1700	34.7
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Ethylbenzene	20000	µg/m^3		250	560	1700	374
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Naphthalene	< 1000	µg/m^3	U	430	1000	1700	27.5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Trichloroethene	< 560	µg/m^3	U	240	560	1700	69.5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	P2103567	TO-15	3,300	Vinyl chloride	< 560	µg/m^3	U	190	560	1700	55.9
SVEW-01-260	SVE01-260-212	4/20/2021	N	P2102356	TO-15	14	1,2-Dibromoethane	< 2	µg/m^3	U	0	2	7	1.56
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	1,1-Dichloroethane	< 1200	µg/m^3	U	280	1200	1900	585
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	1,2,4-Trichlorobenzene	< 1100	µg/m^3	U	470	1100	3600	69.5
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	1,2-Dibromoethane	< 610	µg/m^3	U	220	610	1900	1.56

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	1,2-Dichloroethane	< 610	µg/m^3	U	210	610	1900	36
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	1,3-Butadiene	< 1100	µg/m^3	U	320	1100	1900	31.2
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	1,4-Dioxane	< 610	µg/m^3	U	230	610	1900	187
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Benzene	150000	µg/m^3		280	610	1900	120
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Bromodichloromethane	< 610	µg/m^3	U	280	610	1900	25.3
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Bromoform	< 1100	µg/m^3	U	390	1100	1900	851
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Carbon tetrachloride	< 610	µg/m^3	U	260	610	1800	156
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Chloroform	< 610	µg/m^3	U	250	610	1900	40.7
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Chloromethane	< 1100	µg/m^3	U	310	1100	1900	520
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Dibromochloromethane	< 610	µg/m^3	U	250	610	1900	34.7
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Ethyl acetate	< 2300	µg/m^3	U	1000	2300	3600	2430
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Ethylbenzene	88000	µg/m^3		270	610	1900	374
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	m- & p-Xylenes	170000	µg/m^3		500	1200	3600	3480
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Naphthalene	790	µg/m^3	J	470	1100	1900	27.5
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Tetrachloroethene	280	µg/m^3	J	250	610	1900	1390
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Trichloroethene	< 610	µg/m^3	U	260	610	1800	69.5
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Vinyl chloride	< 610	µg/m^3	U	200	610	1900	55.9
SVEW-02-060	SVE02-060-212	4/20/2021	N	P2102356	TO-15	3,580	Xylenes, total	240000	µg/m^3		500	1200	3600	3480
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	1,2,4-Trichlorobenzene	< 100	µg/m^3	U	42	100	320	69.5
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	1,2-Dibromoethane	< 55	µg/m^3	U	20	55	170	1.56
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	1,2-Dichloroethane	< 55	µg/m^3	U	19	55	170	36
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	1,3-Butadiene	< 100	µg/m^3	U	28	100	170	31.2
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Benzene	4100	µg/m^3		25	55	170	120
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Bromodichloromethane	< 55	µg/m^3	U	25	55	170	25.3
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Carbon tetrachloride	< 55	µg/m^3	U	24	55	160	156
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Chloroform	< 55	µg/m^3	U	23	55	170	40.7
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Dibromochloromethane	< 55	µg/m^3	U	23	55	170	34.7
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Naphthalene	370	µg/m^3		42	100	170	27.5
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Trichloroethene	< 55	µg/m^3	U	23	55	160	69.5
SVEW-03-160	SVE03-160-212	4/20/2021	N	P2102356	TO-15	322	Vinyl chloride	< 55	µg/m^3	U	18	55	170	55.9
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	1,2,4-Trichlorobenzene	< 84	µg/m^3	U	34	84	260	69.5
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	1,2-Dibromoethane	< 45	µg/m^3	U	16	45	140	1.56
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	1,2-Dichloroethane	< 45	µg/m^3	U	16	45	140	36
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	1,3-Butadiene	< 84	µg/m^3	U	23	84	140	31.2
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Benzene	890	µg/m^3		20	45	140	120
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Bromodichloromethane	< 45	µg/m^3	U	20	45	140	25.3
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Chloroform	< 45	µg/m^3	U	19	45	140	40.7
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Dibromochloromethane	< 45	µg/m^3	U	18	45	140	34.7
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Naphthalene	140	µg/m^3		34	81	140	27.5
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Trichloroethene	< 45	µg/m^3	U	19	45	130	69.5
SVEW-04-313	SVE04-313-212	4/20/2021	N	P2102356	TO-15	263	Vinyl chloride	< 45	µg/m^3	U	15	45	140	55.9
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	1,2,4-Trichlorobenzene	< 61	µg/m^3	U	25	61	190	69.5
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	1,2-Dibromoethane	< 32	µg/m^3	U	12	32	99	1.56
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	1,2-Dichloroethane	< 32	µg/m^3	U	11	32	99	36
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	1,3-Butadiene	< 61	µg/m^3	U	17	61	99	31.2
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	Bromodichloromethane	< 32	µg/m^3	U	15	32	99	25.3

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Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	Chloroform	< 32	µg/m^3	U	13	32	100	40.7
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	Dibromochloromethane	< 32	µg/m^3	U	13	32	99	34.7
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	Naphthalene	140	µg/m^3		25	59	99	27.5
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	Trichloroethene	< 32	µg/m^3	U	14	32	97	69.5
SVEW-05-460	SVE05-460-212	4/20/2021	N	P2102356	TO-15	190	Vinyl chloride	< 32	µg/m^3	U	11	32	100	55.9
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	1,1-Dichloroethane	< 3100	µg/m^3	U	730	3100	5100	585
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	1,2,4-Trichlorobenzene	< 3000	µg/m^3	U	1200	3000	9400	69.5
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	1,2-Dibromoethane	< 1600	µg/m^3	U	580	1600	4900	1.56
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	1,2-Dichloroethane	< 1600	µg/m^3	U	550	1600	4900	36
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	1,3-Butadiene	< 3000	µg/m^3	U	830	3000	4900	31.2
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	1,4-Dioxane	< 1600	µg/m^3	U	590	1600	4900	187
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Benzene	150000	µg/m^3		720	1600	4900	120
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Bromodichloromethane	< 1600	µg/m^3	U	720	1600	4900	25.3
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Bromoform	< 3000	µg/m^3	U	1000	3000	5000	851
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Carbon tetrachloride	< 1600	µg/m^3	U	700	1600	4800	156
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Chloroform	< 1600	µg/m^3	U	670	1600	5000	40.7
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Chloromethane	< 3000	µg/m^3	U	810	3000	4900	520
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Dibromochloromethane	< 1600	µg/m^3	U	660	1600	4900	34.7
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Dichlorodifluoromethane	< 3000	µg/m^3	U	820	3000	4900	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Ethyl acetate	< 6100	µg/m^3	U	2600	6100	9400	2430
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Ethylbenzene	76000	µg/m^3		710	1600	4900	374
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	m- & p-Xylenes	78000	µg/m^3		1300	3200	9400	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Naphthalene	< 2900	µg/m^3	U	1200	2900	4900	27.5
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	o-Xylene	29000	µg/m^3		720	1600	5000	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Tetrachloroethene	< 1600	µg/m^3	U	650	1600	4900	1390
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Trichloroethene	< 1600	µg/m^3	U	680	1600	4800	69.5
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Vinyl chloride	< 1600	µg/m^3	U	540	1600	5000	55.9
SVEW-06-060	SVE06-060-212	4/5/2021	N	P2101902	TO-15	9,400	Xylenes, total	110000	µg/m^3		1300	3200	9400	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	1,1-Dichloroethane	< 2800	µg/m^3	U	660	2800	4600	585
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	1,2,4-Trichlorobenzene	< 2700	µg/m^3	U	1100	2700	8400	69.5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	1,2-Dibromoethane	< 1400	µg/m^3	U	520	1400	4400	1.56
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	1,2-Dichloroethane	< 1400	µg/m^3	U	500	1400	4400	36
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	1,3-Butadiene	< 2700	µg/m^3	U	740	2700	4400	31.2
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	1,4-Dioxane	< 1400	µg/m^3	U	530	1400	4400	187
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Benzene	140000	µg/m^3		650	1400	4400	120
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Bromodichloromethane	< 1400	µg/m^3	U	650	1400	4400	25.3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Bromoform	< 2700	µg/m^3	U	930	2700	4500	851
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Carbon tetrachloride	< 1400	µg/m^3	U	620	1400	4300	156
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Chloroform	< 1400	µg/m^3	U	600	1400	4500	40.7
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Chloromethane	< 2700	µg/m^3	U	730	2700	4400	520
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Dibromochloromethane	< 1400	µg/m^3	U	590	1400	4400	34.7
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Dichlorodifluoromethane	< 2700	µg/m^3	U	730	2700	4400	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Ethyl acetate	< 5500	µg/m^3	U	2400	5500	8400	2430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Ethylbenzene	63000	µg/m^3		630	1400	4400	374
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	m- & p-Xylenes	62000	µg/m^3		1200	2900	8400	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Naphthalene	< 2600	µg/m^3	U	1100	2600	4400	27.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	o-Xylene	22000	µg/m^3		650	1400	4500	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Tetrachloroethene	< 1400	µg/m^3	U	580	1400	4400	1390
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Trichloroethene	< 1400	µg/m^3	U	610	1400	4300	69.5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Vinyl chloride	< 1400	µg/m^3	U	480	1400	4500	55.9
SVEW-06-060	SVE06-060-612	4/5/2021	FD	P2101902	TO-15	8,430	Xylenes, total	85000	µg/m^3		1200	2900	8400	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	1,1-Dichloroethane	< 3600	µg/m^3	U	850	3600	5900	585
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	1,2,4-Trichlorobenzene	< 3500	µg/m^3	U	1400	3500	11000	69.5
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	1,2-Dibromoethane	< 1900	µg/m^3	U	680	1900	5700	1.56
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	1,2-Dichloroethane	< 1900	µg/m^3	U	640	1900	5700	36
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	1,3-Butadiene	< 3500	µg/m^3	U	960	3500	5700	31.2
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	1,4-Dioxane	< 1900	µg/m^3	U	690	1900	5700	187
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Benzene	190000	µg/m^3		840	1900	5700	120
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Bromodichloromethane	< 1900	µg/m^3	U	840	1900	5700	25.3
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Bromoform	< 3500	µg/m^3	U	1200	3500	5800	851
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Carbon tetrachloride	< 1900	µg/m^3	U	810	1900	5600	156
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Chloroform	< 1900	µg/m^3	U	770	1900	5800	40.7
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Chloromethane	< 3500	µg/m^3	U	940	3500	5700	520
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Dibromochloromethane	< 1900	µg/m^3	U	760	1900	5700	34.7
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Dichlorodifluoromethane	< 3500	µg/m^3	U	950	3500	5700	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Ethyl acetate	< 7100	µg/m^3	U	3100	7100	11000	2430
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Ethylbenzene	47000	µg/m^3		820	1900	5700	374
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	m- & p-Xylenes	89000	µg/m^3		1500	3700	11000	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Naphthalene	< 3400	µg/m^3	U	1400	3400	5700	27.5
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	o-Xylene	28000	µg/m^3		840	1900	5800	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Tetrachloroethene	< 1900	µg/m^3	U	750	1900	5700	1390
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Trichloroethene	< 1900	µg/m^3	U	780	1900	5600	69.5
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Vinyl chloride	< 1900	µg/m^3	U	620	1900	5800	55.9
SVEW-07-160	SVE07-160-212	4/5/2021	N	P2101902	TO-15	10,900	Xylenes, total	120000	µg/m^3		1500	3700	11000	3480
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	1,2,4-Trichlorobenzene	< 270	µg/m^3	U	110	270	830	69.5
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	1,2-Dibromoethane	< 140	µg/m^3	U	52	140	430	1.56
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	1,2-Dichloroethane	< 140	µg/m^3	U	49	140	430	36
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	1,3-Butadiene	< 270	µg/m^3	U	73	270	430	31.2
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	1,4-Dioxane	< 140	µg/m^3	U	52	140	430	187
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Benzene	13000	µg/m^3		64	140	430	120
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Bromodichloromethane	< 140	µg/m^3	U	64	140	430	25.3
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Carbon tetrachloride	< 140	µg/m^3	U	62	140	420	156
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Chloroform	< 140	µg/m^3	U	59	140	440	40.7
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Dibromochloromethane	< 140	µg/m^3	U	58	140	430	34.7
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Ethylbenzene	74	µg/m^3	J	62	140	430	374
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Naphthalene	< 260	µg/m^3	U	110	260	430	27.5
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Trichloroethene	< 140	µg/m^3	U	60	140	420	69.5
SVEW-08-260	SVE08-260-212	4/5/2021	N	P2101902	TO-15	832	Vinyl chloride	< 140	µg/m^3	U	47	140	440	55.9
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	1,2,4-Trichlorobenzene	< 63	µg/m^3	U	26	63	200	69.5
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	1,2-Dibromoethane	< 34	µg/m^3	U	12	34	100	1.56
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	1,2-Dichloroethane	< 34	µg/m^3	U	12	34	100	36
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	1,3-Butadiene	< 63	µg/m^3	U	17	63	100	31.2

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	Bromodichloromethane	< 34	µg/m^3	U	15	34	100	25.3
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	Chloroform	< 34	µg/m^3	U	14	34	100	40.7
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	Dibromochloromethane	< 34	µg/m^3	U	14	34	100	34.7
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	Naphthalene	< 61	µg/m^3	U	26	61	100	27.5
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	Trichloroethene	< 34	µg/m^3	U	14	34	100	69.5
SVEW-09-460	SVE09-460-212	4/5/2021	N	P2101902	TO-15	198	Vinyl chloride	< 34	µg/m^3	U	11	34	100	55.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	P2102356	TO-15	25	1,2-Dibromoethane	< 4	µg/m^3	U	1	4	13	1.56
SVEW-10-410	SVE10-410-612	4/19/2021	FD	P2102356	TO-15	28	1,2-Dibromoethane	< 4	µg/m^3	U	1	4	15	1.56
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	1,2,4-Trichlorobenzene	< 55	µg/m^3	U	22	55	170	69.5
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	1,2-Dibromoethane	< 29	µg/m^3	U	11	29	89	1.56
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	1,2-Dichloroethane	< 29	µg/m^3	U	10	29	89	36
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	1,3-Butadiene	< 55	µg/m^3	U	15	55	89	31.2
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	Bromodichloromethane	< 29	µg/m^3	U	13	29	89	25.3
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	Chloroform	< 29	µg/m^3	U	12	29	91	40.7
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	Dibromochloromethane	< 29	µg/m^3	U	12	29	89	34.7
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	Naphthalene	< 53	µg/m^3	U	22	53	89	27.5
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	Trichloroethene	< 29	µg/m^3	U	12	29	88	69.5
SVEW-11-410	SVE11-410-212	4/20/2021	N	P2102356	TO-15	172	Vinyl chloride	< 29	µg/m^3	U	9	29	91	55.9
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	1,2,4-Trichlorobenzene	< 60	µg/m^3	U	25	60	190	69.5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	1,2-Dibromoethane	< 32	µg/m^3	U	12	32	98	1.56
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	1,2-Dichloroethane	< 32	µg/m^3	U	11	32	98	36
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	1,3-Butadiene	< 60	µg/m^3	U	17	60	98	31.2
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	Bromodichloromethane	< 32	µg/m^3	U	15	32	98	25.3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	Chloroform	< 32	µg/m^3	U	13	32	100	40.7
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	Dibromochloromethane	< 32	µg/m^3	U	13	32	98	34.7
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	Naphthalene	< 59	µg/m^3	U	25	59	98	27.5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	Trichloroethene	< 32	µg/m^3	U	14	32	96	69.5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	P2102356	TO-15	189	Vinyl chloride	< 32	µg/m^3	U	11	32	100	55.9
SVEW-12-410	SVE12-410-212	4/13/2021	N	P2102163	TO-15	5.98	1,2-Dibromoethane	< 1	µg/m^3	U	0.37	1	3.1	1.56
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	1,1-Dichloroethane	< 1200	µg/m^3	U	270	1200	1900	585
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	1,2,4-Trichlorobenzene	< 1100	µg/m^3	U	460	1100	3500	69.5
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	1,2-Dibromoethane	< 600	µg/m^3	U	220	600	1800	1.56
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	1,2-Dichloroethane	< 600	µg/m^3	U	210	600	1800	36
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	1,3-Butadiene	< 1100	µg/m^3	U	310	1100	1800	31.2
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	1,4-Dioxane	< 600	µg/m^3	U	220	600	1800	187
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Benzene	25000	µg/m^3		270	600	1800	120
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Bromodichloromethane	< 600	µg/m^3	U	270	600	1800	25.3
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Bromoform	< 1100	µg/m^3	U	390	1100	1900	851
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Carbon tetrachloride	< 600	µg/m^3	U	260	600	1800	156
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Chloroform	< 600	µg/m^3	U	250	600	1900	40.7
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Chloromethane	< 1100	µg/m^3	U	300	1100	1800	520
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Dibromochloromethane	< 600	µg/m^3	U	250	600	1800	34.7
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Ethyl acetate	< 2300	µg/m^3	U	990	2300	3500	2430
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Ethylbenzene	2700	µg/m^3		260	600	1800	374
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	m- & p-Xylenes	6200	µg/m^3		490	1200	3500	3480
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Naphthalene	< 1100	µg/m^3	U	460	1100	1800	27.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Tetrachloroethene	< 600	µg/m^3	U	240	600	1800	1390
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Trichloroethene	< 600	µg/m^3	U	250	600	1800	69.5
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Vinyl chloride	< 600	µg/m^3	U	200	600	1900	55.9
SVEW-13-410	SVE13-410-212	4/19/2021	N	P2102356	TO-15	3,520	Xylenes, total	12000	µg/m^3		490	1200	3500	3480
SVMW-01-050	SV01-050-212	4/19/2021	N	P2102357	TO-15	5	1,2-Dibromoethane	< 0.85	µg/m^3	U	0.31	0.85	2.6	1.56
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	1,1-Dichloroethane	< 9300	µg/m^3	U	2200	9300	15000	585
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	1,2,4-Trichlorobenzene	< 9000	µg/m^3	U	3700	9000	28000	69.5
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	1,2-Dibromoethane	< 4800	µg/m^3	U	1700	4800	15000	1.56
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	1,2-Dichloroethane	< 4800	µg/m^3	U	1700	4800	15000	36
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	1,3-Butadiene	< 9000	µg/m^3	U	2500	9000	15000	31.2
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	1,4-Dioxane	< 4800	µg/m^3	U	1800	4800	15000	187
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Benzene	180000	µg/m^3		2200	4800	15000	120
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Bromodichloromethane	< 4800	µg/m^3	U	2200	4800	15000	25.3
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Bromoform	< 9000	µg/m^3	U	3100	9000	15000	851
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Carbon disulfide	< 15000	µg/m^3	U	4500	15000	28000	24300
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Carbon tetrachloride	< 4800	µg/m^3	U	2100	4800	14000	156
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Chloroform	< 4800	µg/m^3	U	2000	4800	15000	40.7
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Chloromethane	< 9000	µg/m^3	U	2400	9000	15000	520
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Dibromochloromethane	< 4800	µg/m^3	U	2000	4800	15000	34.7
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Dichlorodifluoromethane	< 9000	µg/m^3	U	2500	9000	15000	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Ethyl acetate	< 18000	µg/m^3	U	7900	18000	28000	2430
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Ethylbenzene	15000	µg/m^3	J	2100	4800	15000	374
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	m- & p-Xylenes	110000	µg/m^3		3900	9600	28000	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Naphthalene	< 8700	µg/m^3	U	3700	8700	15000	27.5
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	o-Xylene	39000	µg/m^3		2200	4800	15000	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Tetrachloroethene	2900	µg/m^3	J	1900	4800	15000	1390
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Trichloroethene	< 4800	µg/m^3	U	2000	4800	14000	69.5
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Vinyl chloride	< 4800	µg/m^3	U	1600	4800	15000	55.9
SVMW-01-100	SV01-100-212	4/19/2021	N	P2102357	TO-15	28,200	Xylenes, total	150000	µg/m^3		3900	9600	28000	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	1,1-Dichloroethane	< 3900	µg/m^3	U	930	3900	6400	585
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	1,2,4-Trichlorobenzene	< 3800	µg/m^3	U	1500	3800	12000	69.5
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	1,2-Dibromoethane	< 2000	µg/m^3	U	740	2000	6200	1.56
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	1,2-Dichloroethane	< 2000	µg/m^3	U	700	2000	6200	36
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	1,3-Butadiene	< 3800	µg/m^3	U	1000	3800	6200	31.2
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	1,4-Dioxane	< 2000	µg/m^3	U	750	2000	6200	187
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Benzene	97000	µg/m^3		910	2000	6200	120
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Bromodichloromethane	< 2000	µg/m^3	U	910	2000	6200	25.3
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Bromoform	< 3800	µg/m^3	U	1300	3800	6300	851
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Carbon tetrachloride	< 2000	µg/m^3	U	880	2000	6100	156
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Chloroform	< 2000	µg/m^3	U	840	2000	6300	40.7
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Chloromethane	< 3800	µg/m^3	U	1000	3800	6200	520
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Dibromochloromethane	< 2000	µg/m^3	U	830	2000	6200	34.7
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Dichlorodifluoromethane	< 3800	µg/m^3	U	1000	3800	6200	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Ethyl acetate	< 7700	µg/m^3	U	3300	7700	12000	2430
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Ethylbenzene	3000	µg/m^3	J	890	2000	6200	374
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	m- & p-Xylenes	< 4000	µg/m^3	U	1700	4000	12000	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Naphthalene	< 3700	µg/m^3	U	1500	3700	6200	27.5
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	o-Xylene	6400	µg/m^3		910	2000	6300	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Tetrachloroethene	1200	µg/m^3	J	820	2000	6200	1390
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Trichloroethene	< 2000	µg/m^3	U	850	2000	6100	69.5
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Vinyl chloride	< 2000	µg/m^3	U	680	2000	6300	55.9
SVMW-01-250	SV01-250-212	4/19/2021	N	P2102357	TO-15	11,900	Xylenes, total	6400	µg/m^3	J	1700	4000	12000	3480
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	1,2,4-Trichlorobenzene	< 63	µg/m^3	U	26	63	200	69.5
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	1,2-Dibromoethane	< 34	µg/m^3	U	12	34	100	1.56
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	1,2-Dichloroethane	< 34	µg/m^3	U	12	34	100	36
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	1,3-Butadiene	< 63	µg/m^3	U	17	63	100	31.2
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	Bromodichloromethane	< 34	µg/m^3	U	15	34	100	25.3
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	Chloroform	< 34	µg/m^3	U	14	34	100	40.7
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	Dibromochloromethane	< 34	µg/m^3	U	14	34	100	34.7
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	Naphthalene	38	µg/m^3	J	26	61	100	27.5
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	Trichloroethene	26	µg/m^3	J	14	34	100	69.5
SVMW-01-300	SV01-300-212	4/19/2021	N	P2102357	TO-15	198	Vinyl chloride	< 34	µg/m^3	U	11	34	100	55.9
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	1,2,4-Trichlorobenzene	< 42	µg/m^3	U	17	42	130	69.5
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	1,2-Dibromoethane	< 22	µg/m^3	U	8.1	22	68	1.56
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	1,2-Dichloroethane	< 22	µg/m^3	U	7.7	22	68	36
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	1,3-Butadiene	< 42	µg/m^3	U	12	42	68	31.2
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	Bromodichloromethane	< 22	µg/m^3	U	10	22	68	25.3
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	Chloroform	< 22	µg/m^3	U	9.3	22	70	40.7
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	Dibromochloromethane	< 22	µg/m^3	U	9.2	22	68	34.7
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	Naphthalene	< 41	µg/m^3	U	17	41	68	27.5
SVMW-02-050	SV02-050-212	4/19/2021	N	P2102357	TO-15	131	Vinyl chloride	< 22	µg/m^3	U	7.5	22	70	55.9
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	1,1-Dichloroethane	< 4600	µg/m^3	U	1100	4600	7500	585
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	1,2,4-Trichlorobenzene	< 4400	µg/m^3	U	1800	4400	14000	69.5
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	1,2-Dibromoethane	14000	µg/m^3		860	2300	7200	1.56
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	1,2-Dichloroethane	< 2300	µg/m^3	U	810	2300	7200	36
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	1,3-Butadiene	< 4400	µg/m^3	U	1200	4400	7200	31.2
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	1,4-Dioxane	< 2300	µg/m^3	U	870	2300	7200	187
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Benzene	570000	µg/m^3		1100	2300	7200	120
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Bromodichloromethane	< 2300	µg/m^3	U	1100	2300	7200	25.3
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Bromoform	< 4400	µg/m^3	U	1500	4400	7300	851
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Carbon tetrachloride	< 2300	µg/m^3	U	1000	2300	7000	156
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Chloroform	< 2300	µg/m^3	U	980	2300	7300	40.7
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Chloromethane	< 4400	µg/m^3	U	1200	4400	7200	520
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Dibromochloromethane	< 2300	µg/m^3	U	970	2300	7200	34.7
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Dichlorodifluoromethane	< 4400	µg/m^3	U	1200	4400	7200	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Ethyl acetate	< 9000	µg/m^3	U	3900	9000	14000	2430
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Ethylbenzene	110000	µg/m^3		1000	2300	7200	374
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	m- & p-Xylenes	500000	µg/m^3		1900	4700	14000	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Naphthalene	< 4300	µg/m^3	U	1800	4300	7200	27.5
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	o-Xylene	120000	µg/m^3		1100	2300	7300	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Tetrachloroethene	< 2300	µg/m^3	U	950	2300	7200	1390
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Trichloroethene	1100	µg/m^3	J	990	2300	7000	69.5

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Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Vinyl chloride	< 2300	µg/m^3	U	790	2300	7300	55.9
SVMW-02-100	SV02-100-212	4/19/2021	N	P2102357	TO-15	13,800	Xylenes, total	620000	µg/m^3		1900	4700	14000	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	1,1-Dichloroethane	< 5100	µg/m^3	U	1200	5100	8300	585
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	1,2,4-Trichlorobenzene	< 4900	µg/m^3	U	2000	4900	15000	69.5
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	1,2-Dibromoethane	1300	µg/m^3	J	960	2600	8000	1.56
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	1,2-Dichloroethane	< 2600	µg/m^3	U	910	2600	8000	36
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	1,3-Butadiene	< 4900	µg/m^3	U	1400	4900	8000	31.2
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	1,4-Dioxane	< 2600	µg/m^3	U	970	2600	8000	187
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Benzene	570000	µg/m^3		1200	2600	8000	120
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Bromodichloromethane	< 2600	µg/m^3	U	1200	2600	8000	25.3
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Bromoform	< 4900	µg/m^3	U	1700	4900	8200	851
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Carbon tetrachloride	< 2600	µg/m^3	U	1100	2600	7900	156
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Chloroform	< 2600	µg/m^3	U	1100	2600	8200	40.7
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Chloromethane	< 4900	µg/m^3	U	1300	4900	8000	520
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Dibromochloromethane	< 2600	µg/m^3	U	1100	2600	8000	34.7
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Dichlorodifluoromethane	< 4900	µg/m^3	U	1300	4900	8000	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Ethyl acetate	< 10000	µg/m^3	U	4300	10000	15000	2430
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Ethylbenzene	90000	µg/m^3		1200	2600	8000	374
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	m- & p-Xylenes	310000	µg/m^3		2200	5200	15000	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Naphthalene	< 4800	µg/m^3	U	2000	4800	8000	27.5
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	o-Xylene	100000	µg/m^3		1200	2600	8200	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Tetrachloroethene	< 2600	µg/m^3	U	1100	2600	8000	1390
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Trichloroethene	< 2600	µg/m^3	U	1100	2600	7900	69.5
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Vinyl chloride	< 2600	µg/m^3	U	880	2600	8200	55.9
SVMW-02-150	SV02-150-212	4/19/2021	N	P2102357	TO-15	15,400	Xylenes, total	410000	µg/m^3		2200	5200	15000	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	1,1-Dichloroethane	< 4900	µg/m^3	U	1200	4900	8000	585
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	1,2,4-Trichlorobenzene	< 4800	µg/m^3	U	1900	4800	15000	69.5
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	1,2-Dibromoethane	1600	µg/m^3	J	920	2500	7700	1.56
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	1,2-Dichloroethane	< 2500	µg/m^3	U	880	2500	7700	36
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	1,3-Butadiene	< 4800	µg/m^3	U	1300	4800	7700	31.2
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	1,4-Dioxane	< 2500	µg/m^3	U	940	2500	7700	187
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Benzene	590000	µg/m^3		1100	2500	7700	120
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Bromodichloromethane	< 2500	µg/m^3	U	1100	2500	7700	25.3
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Bromoform	< 4800	µg/m^3	U	1600	4800	7900	851
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Carbon tetrachloride	< 2500	µg/m^3	U	1100	2500	7600	156
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Chloroform	< 2500	µg/m^3	U	1100	2500	7900	40.7
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Chloromethane	< 4800	µg/m^3	U	1300	4800	7700	520
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Dibromochloromethane	< 2500	µg/m^3	U	1000	2500	7700	34.7
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Dichlorodifluoromethane	< 4800	µg/m^3	U	1300	4800	7700	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Ethyl acetate	< 9700	µg/m^3	U	4200	9700	15000	2430
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Ethylbenzene	98000	µg/m^3		1100	2500	7700	374
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	m- & p-Xylenes	340000	µg/m^3		2100	5000	15000	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Naphthalene	4500	µg/m^3	J	1900	4600	7700	27.5
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	o-Xylene	110000	µg/m^3		1100	2500	7900	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Tetrachloroethene	< 2500	µg/m^3	U	1000	2500	7700	1390
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Trichloroethene	1400	µg/m^3	J	1100	2500	7600	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Vinyl chloride	< 2500	µg/m^3	U	850	2500	7900	55.9
SVMW-02-150	SV02-150-612	4/19/2021	FD	P2102357	TO-15	14,800	Xylenes, total	450000	µg/m^3		2100	5000	15000	3480
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	1,1-Dichloroethane	< 1200	µg/m^3	U	290	1200	2000	585
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	1,2,4-Trichlorobenzene	< 1200	µg/m^3	U	490	1200	3700	69.5
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	1,2-Dibromoethane	< 630	µg/m^3	U	230	630	1900	1.56
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	1,2-Dichloroethane	< 630	µg/m^3	U	220	630	1900	36
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	1,3-Butadiene	< 1200	µg/m^3	U	330	1200	1900	31.2
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	1,4-Dioxane	< 630	µg/m^3	U	240	630	1900	187
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Benzene	6900	µg/m^3		290	630	1900	120
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Bromodichloromethane	< 630	µg/m^3	U	290	630	1900	25.3
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Bromoform	< 1200	µg/m^3	U	410	1200	2000	851
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Carbon tetrachloride	< 630	µg/m^3	U	280	630	1900	156
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Chloroform	< 630	µg/m^3	U	270	630	2000	40.7
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Chloromethane	< 1200	µg/m^3	U	320	1200	1900	520
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Dibromochloromethane	< 630	µg/m^3	U	260	630	1900	34.7
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Ethyl acetate	< 2400	µg/m^3	U	1000	2400	3700	2430
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Ethylbenzene	490	µg/m^3	J	280	630	1900	374
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	m- & p-Xylenes	1700	µg/m^3	J	520	1300	3700	3480
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Naphthalene	< 1200	µg/m^3	U	490	1200	1900	27.5
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Tetrachloroethene	< 630	µg/m^3	U	260	630	1900	1390
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Trichloroethene	< 630	µg/m^3	U	270	630	1900	69.5
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Vinyl chloride	< 630	µg/m^3	U	210	630	2000	55.9
SVMW-03-050	SV03-050-212	4/5/2021	N	P2101902	TO-15	3,730	Xylenes, total	2300	µg/m^3	J	520	1300	3700	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	1,1-Dichloroethane	< 3000	µg/m^3	U	720	3000	5000	585
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	1,2,4-Trichlorobenzene	< 3000	µg/m^3	U	1200	3000	9200	69.5
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	1,2-Dibromoethane	< 1600	µg/m^3	U	570	1600	4800	1.56
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	1,2-Dichloroethane	< 1600	µg/m^3	U	550	1600	4800	36
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	1,3-Butadiene	< 3000	µg/m^3	U	810	3000	4800	31.2
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	1,4-Dioxane	< 1600	µg/m^3	U	580	1600	4800	187
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Benzene	27000	µg/m^3		710	1600	4800	120
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Bromodichloromethane	< 1600	µg/m^3	U	710	1600	4800	25.3
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Bromoform	< 3000	µg/m^3	U	1000	3000	4900	851
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Carbon tetrachloride	< 1600	µg/m^3	U	680	1600	4700	156
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Chloroform	< 1600	µg/m^3	U	660	1600	4900	40.7
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Chloromethane	< 3000	µg/m^3	U	790	3000	4800	520
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Dibromochloromethane	< 1600	µg/m^3	U	650	1600	4800	34.7
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Dichlorodifluoromethane	< 3000	µg/m^3	U	800	3000	4800	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Ethyl acetate	< 6000	µg/m^3	U	2600	6000	9200	2430
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Ethylbenzene	3400	µg/m^3	J	690	1600	4800	374
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	m- & p-Xylenes	22000	µg/m^3		1300	3100	9200	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Naphthalene	< 2900	µg/m^3	U	1200	2900	4800	27.5
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	o-Xylene	2800	µg/m^3	J	710	1600	4900	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Tetrachloroethene	< 1600	µg/m^3	U	640	1600	4800	1390
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Trichloroethene	< 1600	µg/m^3	U	670	1600	4700	69.5
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Vinyl chloride	< 1600	µg/m^3	U	530	1600	4900	55.9
SVMW-03-100	SV03-100-212	4/5/2021	N	P2101897	TO-15	9,240	Xylenes, total	25000	µg/m^3		1300	3100	9200	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	1,1-Dichloroethane	< 7600	µg/m^3	U	1800	7600	12000	585
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	1,2,4-Trichlorobenzene	< 7400	µg/m^3	U	3000	7400	23000	69.5
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	1,2-Dibromoethane	8200	µg/m^3	J	1400	3900	12000	1.56
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	1,2-Dichloroethane	< 3900	µg/m^3	U	1400	3900	12000	36
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	1,3-Butadiene	< 7400	µg/m^3	U	2000	7400	12000	31.2
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	1,4-Dioxane	< 3900	µg/m^3	U	1500	3900	12000	187
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Benzene	460000	µg/m^3		1800	3900	12000	120
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Bromodichloromethane	< 3900	µg/m^3	U	1800	3900	12000	25.3
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Bromoform	< 7400	µg/m^3	U	2500	7400	12000	851
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Carbon tetrachloride	< 3900	µg/m^3	U	1700	3900	12000	156
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Chloroform	< 3900	µg/m^3	U	1600	3900	12000	40.7
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Chloromethane	< 7400	µg/m^3	U	2000	7400	12000	520
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Dibromochloromethane	< 3900	µg/m^3	U	1600	3900	12000	34.7
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Dichlorodifluoromethane	< 7400	µg/m^3	U	2000	7400	12000	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Ethyl acetate	< 15000	µg/m^3	U	6500	15000	23000	2430
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Ethylbenzene	160000	µg/m^3		1700	3900	12000	374
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	m- & p-Xylenes	450000	µg/m^3		3200	7900	23000	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Naphthalene	< 7200	µg/m^3	U	3000	7200	12000	27.5
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	o-Xylene	140000	µg/m^3		1800	3900	12000	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Tetrachloroethene	< 3900	µg/m^3	U	1600	3900	12000	1390
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Trichloroethene	< 3900	µg/m^3	U	1700	3900	12000	69.5
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Vinyl chloride	< 3900	µg/m^3	U	1300	3900	12000	55.9
SVMW-03-250	SV03-250-212	4/5/2021	N	P2101897	TO-15	23,100	Xylenes, total	590000	µg/m^3		3200	7900	23000	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	1,1-Dichloroethane	< 7300	µg/m^3	U	1700	7300	12000	585
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	1,2,4-Trichlorobenzene	< 7100	µg/m^3	U	2900	7100	22000	69.5
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	1,2-Dibromoethane	6500	µg/m^3	J	1400	3800	12000	1.56
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	1,2-Dichloroethane	< 3800	µg/m^3	U	1300	3800	12000	36
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	1,3-Butadiene	< 7100	µg/m^3	U	2000	7100	12000	31.2
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	1,4-Dioxane	< 3800	µg/m^3	U	1400	3800	12000	187
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Benzene	380000	µg/m^3		1700	3800	12000	120
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Bromodichloromethane	< 3800	µg/m^3	U	1700	3800	12000	25.3
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Bromoform	< 7100	µg/m^3	U	2400	7100	12000	851
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Carbon tetrachloride	< 3800	µg/m^3	U	1600	3800	11000	156
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Chloroform	< 3800	µg/m^3	U	1600	3800	12000	40.7
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Chloromethane	< 7100	µg/m^3	U	1900	7100	12000	520
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Dibromochloromethane	< 3800	µg/m^3	U	1600	3800	12000	34.7
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Dichlorodifluoromethane	< 7100	µg/m^3	U	1900	7100	12000	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Ethyl acetate	< 14000	µg/m^3	U	6200	14000	22000	2430
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Ethylbenzene	240000	µg/m^3		1700	3800	12000	374
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	m- & p-Xylenes	650000	µg/m^3		3100	7500	22000	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Naphthalene	< 6900	µg/m^3	U	2900	6900	12000	27.5
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	o-Xylene	200000	µg/m^3		1700	3800	12000	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Tetrachloroethene	< 3800	µg/m^3	U	1500	3800	12000	1390
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Trichloroethene	< 3800	µg/m^3	U	1600	3800	11000	69.5
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Vinyl chloride	< 3800	µg/m^3	U	1300	3800	12000	55.9
SVMW-03-300	SV03-300-212	4/5/2021	N	P2101897	TO-15	22,200	Xylenes, total	850000	µg/m^3		3100	7500	22000	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	1,1-Dichloroethane	< 7100	µg/m^3	U	1700	7100	12000	585
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	1,2,4-Trichlorobenzene	< 6900	µg/m^3	U	2800	6900	22000	69.5
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	1,2-Dibromoethane	< 3700	µg/m^3	U	1300	3700	11000	1.56
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	1,2-Dichloroethane	< 3700	µg/m^3	U	1300	3700	11000	36
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	1,3-Butadiene	< 6900	µg/m^3	U	1900	6900	11000	31.2
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	1,4-Dioxane	< 3700	µg/m^3	U	1400	3700	11000	187
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Benzene	39000	µg/m^3		1700	3700	11000	120
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Bromodichloromethane	< 3700	µg/m^3	U	1700	3700	11000	25.3
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Bromoform	< 6900	µg/m^3	U	2400	6900	11000	851
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Carbon tetrachloride	< 3700	µg/m^3	U	1600	3700	11000	156
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Chloroform	< 3700	µg/m^3	U	1500	3700	11000	40.7
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Chloromethane	< 6900	µg/m^3	U	1800	6900	11000	520
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Dibromochloromethane	< 3700	µg/m^3	U	1500	3700	11000	34.7
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Dichlorodifluoromethane	< 6900	µg/m^3	U	1900	6900	11000	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Ethyl acetate	< 14000	µg/m^3	U	6000	14000	22000	2430
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Ethylbenzene	< 3700	µg/m^3	U	1600	3700	11000	374
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	m- & p-Xylenes	< 7300	µg/m^3	U	3000	7300	22000	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Naphthalene	< 6700	µg/m^3	U	2800	6700	11000	27.5
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	o-Xylene	< 3700	µg/m^3	U	1700	3700	11000	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Tetrachloroethene	< 3700	µg/m^3	U	1500	3700	11000	1390
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Trichloroethene	< 3700	µg/m^3	U	1500	3700	11000	69.5
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Vinyl chloride	< 3700	µg/m^3	U	1200	3700	11000	55.9
SVMW-04-050	SV04-050-212	4/5/2021	N	P2101897	TO-15	21,500	Xylenes, total	< 7300	µg/m^3	U	3000	7300	22000	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	1,1-Dichloroethane	< 6900	µg/m^3	U	1600	6900	11000	585
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	1,2,4-Trichlorobenzene	< 6700	µg/m^3	U	2700	6700	21000	69.5
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	1,2-Dibromoethane	< 3600	µg/m^3	U	1300	3600	11000	1.56
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	1,2-Dichloroethane	< 3600	µg/m^3	U	1200	3600	11000	36
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	1,3-Butadiene	< 6700	µg/m^3	U	1800	6700	11000	31.2
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	1,4-Dioxane	< 3600	µg/m^3	U	1300	3600	11000	187
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Benzene	50000	µg/m^3		1600	3600	11000	120
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Bromodichloromethane	< 3600	µg/m^3	U	1600	3600	11000	25.3
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Bromoform	< 6700	µg/m^3	U	2300	6700	11000	851
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Carbon tetrachloride	< 3600	µg/m^3	U	1600	3600	11000	156
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Chloroform	< 3600	µg/m^3	U	1500	3600	11000	40.7
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Chloromethane	< 6700	µg/m^3	U	1800	6700	11000	520
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Dibromochloromethane	< 3600	µg/m^3	U	1500	3600	11000	34.7
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Dichlorodifluoromethane	< 6700	µg/m^3	U	1800	6700	11000	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Ethyl acetate	< 14000	µg/m^3	U	5900	14000	21000	2430
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Ethylbenzene	< 3600	µg/m^3	U	1600	3600	11000	374
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	m- & p-Xylenes	< 7100	µg/m^3	U	2900	7100	21000	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Naphthalene	< 6500	µg/m^3	U	2700	6500	11000	27.5
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	o-Xylene	< 3600	µg/m^3	U	1600	3600	11000	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Tetrachloroethene	< 3600	µg/m^3	U	1400	3600	11000	1390
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Trichloroethene	< 3600	µg/m^3	U	1500	3600	11000	69.5
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Vinyl chloride	< 3600	µg/m^3	U	1200	3600	11000	55.9
SVMW-04-050	SV04-050-612	4/5/2021	FD	P2101897	TO-15	21,000	Xylenes, total	< 7100	µg/m^3	U	2900	7100	21000	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	1,1-Dichloroethane	< 16000	µg/m^3	U	3700	16000	25000	585
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	1,2,4-Trichlorobenzene	< 15000	µg/m^3	U	6100	15000	47000	69.5
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	1,2-Dibromoethane	10000	µg/m^3	J	2900	8000	25000	1.56
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	1,2-Dichloroethane	< 8000	µg/m^3	U	2800	8000	25000	36
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	1,3-Butadiene	< 15000	µg/m^3	U	4200	15000	25000	31.2
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	1,4-Dioxane	< 8000	µg/m^3	U	3000	8000	25000	187
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Benzene	1000000	µg/m^3		3600	8000	25000	120
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Bromodichloromethane	< 8000	µg/m^3	U	3600	8000	25000	25.3
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Bromoform	< 15000	µg/m^3	U	5200	15000	25000	851
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Carbon disulfide	< 25000	µg/m^3	U	7600	25000	47000	24300
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Carbon tetrachloride	< 8000	µg/m^3	U	3500	8000	24000	156
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Chloroform	< 8000	µg/m^3	U	3400	8000	25000	40.7
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Chloromethane	< 15000	µg/m^3	U	4100	15000	25000	520
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Dibromochloromethane	< 8000	µg/m^3	U	3300	8000	25000	34.7
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Dichlorodifluoromethane	< 15000	µg/m^3	U	4100	15000	25000	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Ethyl acetate	< 31000	µg/m^3	U	13000	31000	47000	2430
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Ethylbenzene	180000	µg/m^3		3500	8000	25000	374
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Hexane	2900000	µg/m^3		5200	15000	25000	24300
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	m- & p-Xylenes	530000	µg/m^3		6600	16000	47000	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Methylene chloride	< 15000	µg/m^3	U	7100	15000	25000	20900
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Naphthalene	< 15000	µg/m^3	U	6100	15000	25000	27.5
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	o-Xylene	140000	µg/m^3		3600	8000	25000	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Tetrachloroethene	< 8000	µg/m^3	U	3300	8000	25000	1390
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Trichloroethene	< 8000	µg/m^3	U	3400	8000	24000	69.5
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Vinyl chloride	< 8000	µg/m^3	U	2700	8000	25000	55.9
SVMW-04-100	SV04-100-212	4/5/2021	N	P2101897	TO-15	47,200	Xylenes, total	670000	µg/m^3		6600	16000	47000	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	1,1-Dichloroethane	< 10000	µg/m^3	U	2400	10000	16000	585
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	1,2,4-Trichlorobenzene	< 9700	µg/m^3	U	4000	9700	30000	69.5
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	1,2-Dibromoethane	< 5200	µg/m^3	U	1900	5200	16000	1.56
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	1,2-Dichloroethane	< 5200	µg/m^3	U	1800	5200	16000	36
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	1,3-Butadiene	< 9700	µg/m^3	U	2700	9700	16000	31.2
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	1,4-Dioxane	< 5200	µg/m^3	U	1900	5200	16000	187
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Benzene	640000	µg/m^3		2300	5200	16000	120
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Bromodichloromethane	< 5200	µg/m^3	U	2300	5200	16000	25.3
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Bromoform	< 9700	µg/m^3	U	3300	9700	16000	851
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Carbon disulfide	< 16000	µg/m^3	U	4900	16000	30000	24300
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Carbon tetrachloride	< 5200	µg/m^3	U	2300	5200	16000	156
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Chloroform	< 5200	µg/m^3	U	2200	5200	16000	40.7
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Chloromethane	< 9700	µg/m^3	U	2600	9700	16000	520
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Dibromochloromethane	< 5200	µg/m^3	U	2100	5200	16000	34.7
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Dichlorodifluoromethane	< 9700	µg/m^3	U	2600	9700	16000	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Ethyl acetate	< 20000	µg/m^3	U	8500	20000	30000	2430
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Ethylbenzene	11000	µg/m^3	J	2300	5200	16000	374
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	m- & p-Xylenes	78000	µg/m^3		4300	10000	30000	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Naphthalene	< 9400	µg/m^3	U	4000	9400	16000	27.5
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	o-Xylene	32000	µg/m^3		2300	5200	16000	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Tetrachloroethene	< 5200	µg/m^3	U	2100	5200	16000	1390
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Trichloroethene	< 5200	µg/m^3	U	2200	5200	16000	69.5
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Vinyl chloride	< 5200	µg/m^3	U	1700	5200	16000	55.9
SVMW-04-250	SV04-250-212	4/5/2021	N	P2101897	TO-15	30,400	Xylenes, total	110000	µg/m^3		4300	10000	30000	3480
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	1,1-Dichloroethane	< 860	µg/m^3	U	200	860	1400	585
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	1,2,4-Trichlorobenzene	< 840	µg/m^3	U	340	840	2600	69.5
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	1,2-Dibromoethane	< 440	µg/m^3	U	160	440	1400	1.56
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	1,2-Dichloroethane	< 440	µg/m^3	U	150	440	1400	36
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	1,3-Butadiene	< 840	µg/m^3	U	230	840	1400	31.2
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	1,4-Dioxane	< 440	µg/m^3	U	160	440	1400	187
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Benzene	85000	µg/m^3		200	440	1400	120
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Bromodichloromethane	< 440	µg/m^3	U	200	440	1400	25.3
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Bromoform	< 840	µg/m^3	U	290	840	1400	851
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Carbon tetrachloride	< 440	µg/m^3	U	190	440	1300	156
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Chloroform	< 440	µg/m^3	U	190	440	1400	40.7
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Chloromethane	< 840	µg/m^3	U	220	840	1400	520
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Dibromochloromethane	< 440	µg/m^3	U	180	440	1400	34.7
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Ethyl acetate	< 1700	µg/m^3	U	730	1700	2600	2430
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Ethylbenzene	440	µg/m^3	J	200	440	1400	374
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Naphthalene	< 810	µg/m^3	U	340	810	1400	27.5
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Tetrachloroethene	< 440	µg/m^3	U	180	440	1400	1390
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Trichloroethene	< 440	µg/m^3	U	190	440	1300	69.5
SVMW-04-300	SV04-300-212	4/5/2021	N	P2101897	TO-15	2,610	Vinyl chloride	< 440	µg/m^3	U	150	440	1400	55.9
SVMW-05-050	SV05-050-212	4/19/2021	N	P2102357	TO-15	5	1,2-Dibromoethane	< 0.78	µg/m^3	U	0.29	0.78	2.4	1.56
SVMW-05-050	SV05-050-612	4/19/2021	FD	P2102357	TO-15	4	1,2-Dibromoethane	< 0.74	µg/m^3	U	0.27	0.74	2.3	1.56
SVMW-05-100	SV05-100-212	4/19/2021	N	P2102357	TO-15	15	1,2-Dibromoethane	< 2.6	µg/m^3	U	0.95	2.6	8	1.56
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	1,1-Dichloroethane	< 3800	µg/m^3	U	900	3800	6300	585
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	1,2,4-Trichlorobenzene	< 3700	µg/m^3	U	1500	3700	12000	69.5
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	1,2-Dibromoethane	< 2000	µg/m^3	U	720	2000	6000	1.56
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	1,2-Dichloroethane	5300	µg/m^3	J	680	2000	6000	36
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	1,3-Butadiene	< 3700	µg/m^3	U	1000	3700	6000	31.2
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	1,4-Dioxane	< 2000	µg/m^3	U	730	2000	6000	187
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Benzene	56000	µg/m^3		890	2000	6000	120
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Bromodichloromethane	< 2000	µg/m^3	U	890	2000	6000	25.3
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Bromoform	< 3700	µg/m^3	U	1300	3700	6100	851
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Carbon tetrachloride	< 2000	µg/m^3	U	860	2000	5900	156
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Chloroform	< 2000	µg/m^3	U	820	2000	6100	40.7
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Chloromethane	< 3700	µg/m^3	U	1000	3700	6000	520
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Dibromochloromethane	< 2000	µg/m^3	U	810	2000	6000	34.7
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Dichlorodifluoromethane	< 3700	µg/m^3	U	1000	3700	6000	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Ethyl acetate	< 7500	µg/m^3	U	3200	7500	12000	2430
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Ethylbenzene	2600	µg/m^3	J	870	2000	6000	374
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	m- & p-Xylenes	12000	µg/m^3		1600	3900	12000	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Naphthalene	< 3600	µg/m^3	U	1500	3600	6000	27.5
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	o-Xylene	5500	µg/m^3	J	890	2000	6100	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Tetrachloroethene	< 2000	µg/m^3	U	800	2000	6000	1390

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Trichloroethene	< 2000	µg/m^3	U	840	2000	5900	69.5
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Vinyl chloride	< 2000	µg/m^3	U	660	2000	6100	55.9
SVMW-05-230	SV05-230-212	4/19/2021	N	P2102357	TO-15	11,600	Xylenes, total	18000	µg/m^3		1600	3900	12000	3480
SVMW-05-290	SV05-290-212	4/19/2021	N	P2102357	TO-15	57	1,2-Dibromoethane	< 9.6	µg/m^3	U	3.5	9.6	29	1.56
SVMW-05-290	SV05-290-212	4/19/2021	N	P2102357	TO-15	57	Bromodichloromethane	< 9.6	µg/m^3	U	4.4	9.6	29	25.3
SVMW-05-290	SV05-290-212	4/19/2021	N	P2102357	TO-15	57	Naphthalene	< 18	µg/m^3	U	7.4	18	29	27.5
SVMW-06-050	SV06-050-212	4/19/2021	N	P2102357	TO-15	5	1,2-Dibromoethane	0.31	µg/m^3	J	0.29	0.78	2.4	1.56
SVMW-06-100	SV06-100-212	4/19/2021	N	P2102357	TO-15	5	1,2-Dibromoethane	< 0.82	µg/m^3	U	0.3	0.82	2.5	1.56
SVMW-06-100	SV06-100-612	4/19/2021	FD	P2102357	TO-15	4	1,2-Dibromoethane	< 0.75	µg/m^3	U	0.27	0.75	2.3	1.56
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	1,1-Dichloroethane	< 1100	µg/m^3	U	270	1100	1900	585
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	1,2,4-Trichlorobenzene	< 1100	µg/m^3	U	450	1100	3500	69.5
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	1,2-Dibromoethane	< 590	µg/m^3	U	220	590	1800	1.56
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	1,2-Dichloroethane	1100	µg/m^3	J	210	590	1800	36
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	1,3-Butadiene	< 1100	µg/m^3	U	310	1100	1800	31.2
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	1,4-Dioxane	< 590	µg/m^3	U	220	590	1800	187
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Benzene	330000	µg/m^3		270	590	1800	120
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Bromodichloromethane	< 590	µg/m^3	U	270	590	1800	25.3
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Bromoform	< 1100	µg/m^3	U	380	1100	1800	851
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Carbon tetrachloride	< 590	µg/m^3	U	260	590	1800	156
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Chloroform	< 590	µg/m^3	U	250	590	1800	40.7
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Chloromethane	< 1100	µg/m^3	U	300	1100	1800	520
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Dibromochloromethane	< 590	µg/m^3	U	240	590	1800	34.7
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Ethyl acetate	< 2300	µg/m^3	U	970	2300	3500	2430
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Ethylbenzene	< 590	µg/m^3	U	260	590	1800	374
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	m- & p-Xylenes	1200	µg/m^3	J	490	1200	3500	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Naphthalene	< 1100	µg/m^3	U	450	1100	1800	27.5
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Tetrachloroethene	< 590	µg/m^3	U	240	590	1800	1390
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Trichloroethene	< 590	µg/m^3	U	250	590	1800	69.5
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Vinyl chloride	< 590	µg/m^3	U	200	590	1800	55.9
SVMW-06-252	SV06-252-212	4/19/2021	N	P2102357	TO-15	3,480	Xylenes, total	4400	µg/m^3		490	1200	3500	3480
SVMW-06-302	SV06-302-212	4/19/2021	N	P2102357	TO-15	1	1,2-Dibromoethane	1.3	µg/m^3	J	0.59	1.6	5	1.56
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	1,1-Dichloroethane	< 1400	µg/m^3	U	330	1400	2300	585
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	1,2,4-Trichlorobenzene	< 1300	µg/m^3	U	540	1300	4200	69.5
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	1,2-Dibromoethane	< 710	µg/m^3	U	260	710	2200	1.56
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	1,2-Dichloroethane	< 710	µg/m^3	U	250	710	2200	36
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	1,3-Butadiene	< 1300	µg/m^3	U	370	1300	2200	31.2
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	1,4-Dioxane	< 710	µg/m^3	U	260	710	2200	187
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Benzene	31000	µg/m^3		320	710	2200	120
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Bromodichloromethane	< 710	µg/m^3	U	320	710	2200	25.3
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Bromoform	< 1300	µg/m^3	U	460	1300	2200	851
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Carbon tetrachloride	< 710	µg/m^3	U	310	710	2100	156
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Chloroform	< 710	µg/m^3	U	300	710	2200	40.7
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Chloromethane	< 1300	µg/m^3	U	360	1300	2200	520
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Dibromochloromethane	< 710	µg/m^3	U	290	710	2200	34.7
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Ethyl acetate	< 2700	µg/m^3	U	1200	2700	4200	2430
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Ethylbenzene	2400	µg/m^3		310	710	2200	374

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	m- & p-Xylenes	4100	µg/m^3	J	580	1400	4200	3480
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Naphthalene	< 1300	µg/m^3	U	540	1300	2200	27.5
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Tetrachloroethene	< 710	µg/m^3	U	290	710	2200	1390
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Trichloroethene	< 710	µg/m^3	U	300	710	2100	69.5
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Vinyl chloride	< 710	µg/m^3	U	240	710	2200	55.9
SVMW-07-050	SV07-050-212	4/21/2021	N	P2102357	TO-15	4,180	Xylenes, total	5100	µg/m^3		580	1400	4200	3480
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	1,1-Dichloroethane	< 1000	µg/m^3	U	240	1000	1700	585
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	1,2,4-Trichlorobenzene	< 990	µg/m^3	U	400	990	3100	69.5
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	1,2-Dibromoethane	< 530	µg/m^3	U	190	530	1600	1.56
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	1,2-Dichloroethane	< 530	µg/m^3	U	180	530	1600	36
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	1,3-Butadiene	< 990	µg/m^3	U	270	990	1600	31.2
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	1,4-Dioxane	< 530	µg/m^3	U	200	530	1600	187
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Benzene	39000	µg/m^3		240	530	1600	120
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Bromodichloromethane	< 530	µg/m^3	U	240	530	1600	25.3
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Bromoform	< 990	µg/m^3	U	340	990	1600	851
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Carbon tetrachloride	< 530	µg/m^3	U	230	530	1600	156
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Chloroform	< 530	µg/m^3	U	220	530	1600	40.7
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Chloromethane	< 990	µg/m^3	U	270	990	1600	520
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Dibromochloromethane	< 530	µg/m^3	U	220	530	1600	34.7
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Ethyl acetate	< 2000	µg/m^3	U	870	2000	3100	2430
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Ethylbenzene	680	µg/m^3	J	230	530	1600	374
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Naphthalene	< 960	µg/m^3	U	400	960	1600	27.5
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Tetrachloroethene	< 530	µg/m^3	U	210	530	1600	1390
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Trichloroethene	< 530	µg/m^3	U	220	530	1600	69.5
SVMW-07-100	SV07-100-212	4/21/2021	N	P2102357	TO-15	3,100	Vinyl chloride	< 530	µg/m^3	U	180	530	1600	55.9
SVMW-07-150	SV07-150-212	4/21/2021	N	P2102357	TO-15	4	1,2-Dibromoethane	< 0.74	µg/m^3	U	0.27	0.74	2.2	1.56
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	1,1-Dichloroethane	< 2400	µg/m^3	U	570	2400	3900	585
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	1,2,4-Trichlorobenzene	< 2300	µg/m^3	U	950	2300	7300	69.5
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	1,2-Dibromoethane	< 1200	µg/m^3	U	450	1200	3800	1.56
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	1,2-Dichloroethane	< 1200	µg/m^3	U	430	1200	3800	36
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	1,3-Butadiene	< 2300	µg/m^3	U	640	2300	3800	31.2
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	1,4-Dioxane	< 1200	µg/m^3	U	460	1200	3800	187
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Benzene	170000	µg/m^3		560	1200	3800	120
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Bromodichloromethane	< 1200	µg/m^3	U	560	1200	3800	25.3
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Bromoform	< 2300	µg/m^3	U	800	2300	3900	851
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Carbon tetrachloride	< 1200	µg/m^3	U	540	1200	3700	156
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Chloroform	< 1200	µg/m^3	U	520	1200	3900	40.7
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Chloromethane	< 2300	µg/m^3	U	630	2300	3800	520
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Dibromochloromethane	< 1200	µg/m^3	U	510	1200	3800	34.7
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Dichlorodifluoromethane	< 2300	µg/m^3	U	640	2300	3800	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Ethyl acetate	< 4700	µg/m^3	U	2000	4700	7300	2430
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Ethylbenzene	1700	µg/m^3	J	550	1200	3800	374
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	m- & p-Xylenes	39000	µg/m^3		1000	2500	7300	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Naphthalene	< 2300	µg/m^3	U	950	2300	3800	27.5
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	o-Xylene	13000	µg/m^3		560	1200	3900	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Tetrachloroethene	< 1200	µg/m^3	U	500	1200	3800	1390

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Trichloroethene	< 1200	µg/m^3	U	530	1200	3700	69.5
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Vinyl chloride	< 1200	µg/m^3	U	420	1200	3900	55.9
SVMW-08-050	SV08-050-212	4/5/2021	N	P2101897	TO-15	7,300	Xylenes, total	52000	µg/m^3		1000	2500	7300	3480
SVMW-08-100	SV08-100-212	4/5/2021	N	P2101897	TO-15	5	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	3	1.56
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	1,1-Dichloroethane	< 3000	µg/m^3	U	720	3000	5000	585
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	1,2,4-Trichlorobenzene	< 3000	µg/m^3	U	1200	3000	9200	69.5
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	1,2-Dibromoethane	7500	µg/m^3		570	1600	4800	1.56
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	1,2-Dichloroethane	< 1600	µg/m^3	U	550	1600	4800	36
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	1,3-Butadiene	< 3000	µg/m^3	U	810	3000	4800	31.2
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	1,4-Dioxane	< 1600	µg/m^3	U	580	1600	4800	187
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Benzene	570000	µg/m^3		710	1600	4800	120
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Bromodichloromethane	< 1600	µg/m^3	U	710	1600	4800	25.3
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Bromoform	< 3000	µg/m^3	U	1000	3000	4900	851
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Carbon tetrachloride	< 1600	µg/m^3	U	680	1600	4700	156
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Chloroform	< 1600	µg/m^3	U	660	1600	4900	40.7
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Chloromethane	< 3000	µg/m^3	U	790	3000	4800	520
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Dibromochloromethane	< 1600	µg/m^3	U	650	1600	4800	34.7
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Dichlorodifluoromethane	< 3000	µg/m^3	U	800	3000	4800	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Ethyl acetate	< 6000	µg/m^3	U	2600	6000	9200	2430
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Ethylbenzene	55000	µg/m^3		690	1600	4800	374
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	m- & p-Xylenes	240000	µg/m^3		1300	3100	9200	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Naphthalene	< 2900	µg/m^3	U	1200	2900	4800	27.5
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	o-Xylene	75000	µg/m^3		710	1600	4900	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Tetrachloroethene	< 1600	µg/m^3	U	640	1600	4800	1390
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Trichloroethene	< 1600	µg/m^3	U	670	1600	4700	69.5
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Vinyl chloride	< 1600	µg/m^3	U	530	1600	4900	55.9
SVMW-08-250	SV08-250-212	4/5/2021	N	P2101897	TO-15	9,240	Xylenes, total	310000	µg/m^3		1300	3100	9200	3480
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	1,1-Dichloroethane	< 620	µg/m^3	U	150	620	1000	585
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	1,2,4-Trichlorobenzene	< 600	µg/m^3	U	240	600	1900	69.5
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	1,2-Dibromoethane	< 320	µg/m^3	U	120	320	970	1.56
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	1,2-Dichloroethane	< 320	µg/m^3	U	110	320	970	36
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	1,3-Butadiene	< 600	µg/m^3	U	160	600	970	31.2
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	1,4-Dioxane	< 320	µg/m^3	U	120	320	970	187
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Benzene	< 320	µg/m^3	U	140	320	970	120
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Bromodichloromethane	< 320	µg/m^3	U	140	320	970	25.3
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Bromoform	< 600	µg/m^3	U	210	600	990	851
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Carbon tetrachloride	< 320	µg/m^3	U	140	320	950	156
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Chloroform	< 320	µg/m^3	U	130	320	990	40.7
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Chloromethane	< 600	µg/m^3	U	160	600	970	520
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Dibromochloromethane	< 320	µg/m^3	U	130	320	970	34.7
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Ethylbenzene	< 320	µg/m^3	U	140	320	970	374
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Naphthalene	< 580	µg/m^3	U	240	580	970	27.5
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Trichloroethene	< 320	µg/m^3	U	130	320	950	69.5
SVMW-09-050	SV09-050-212	4/5/2021	N	P2101897	TO-15	1,870	Vinyl chloride	< 320	µg/m^3	U	110	320	990	55.9
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	1,1-Dichloroethane	< 8200	µg/m^3	U	1900	8200	13000	585
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	1,2,4-Trichlorobenzene	< 7900	µg/m^3	U	3200	7900	25000	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	1,2-Dibromoethane	8500	µg/m^3	J	1500	4200	13000	1.56
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	1,2-Dichloroethane	< 4200	µg/m^3	U	1500	4200	13000	36
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	1,3-Butadiene	< 7900	µg/m^3	U	2200	7900	13000	31.2
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	1,4-Dioxane	< 4200	µg/m^3	U	1600	4200	13000	187
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Benzene	800000	µg/m^3		1900	4200	13000	120
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Bromodichloromethane	< 4200	µg/m^3	U	1900	4200	13000	25.3
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Bromoform	< 7900	µg/m^3	U	2700	7900	13000	851
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Carbon disulfide	< 13000	µg/m^3	U	4000	13000	25000	24300
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Carbon tetrachloride	< 4200	µg/m^3	U	1800	4200	13000	156
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Chloroform	< 4200	µg/m^3	U	1800	4200	13000	40.7
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Chloromethane	< 7900	µg/m^3	U	2100	7900	13000	520
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Dibromochloromethane	< 4200	µg/m^3	U	1700	4200	13000	34.7
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Dichlorodifluoromethane	< 7900	µg/m^3	U	2100	7900	13000	3480
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Ethyl acetate	< 16000	µg/m^3	U	6900	16000	25000	2430
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Ethylbenzene	98000	µg/m^3		1900	4200	13000	374
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	49,400	Hexane	2200000	µg/m^3		5400	16000	26000	24300
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	m- & p-Xylenes	290000	µg/m^3		3500	8400	25000	3480
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Naphthalene	< 7700	µg/m^3	U	3200	7700	13000	27.5
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	o-Xylene	90000	µg/m^3		1900	4200	13000	3480
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Tetrachloroethene	< 4200	µg/m^3	U	1700	4200	13000	1390
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Trichloroethene	< 4200	µg/m^3	U	1800	4200	13000	69.5
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Vinyl chloride	< 4200	µg/m^3	U	1400	4200	13000	55.9
SVMW-09-100	SV09-100-212	4/5/2021	N	P2101897	TO-15	24,700	Xylenes, total	380000	µg/m^3		3500	8400	25000	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	1,1-Dichloroethane	< 2700	µg/m^3	U	640	2700	4400	585
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	1,2,4-Trichlorobenzene	< 2600	µg/m^3	U	1100	2600	8200	69.5
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	1,2-Dibromoethane	8900	µg/m^3		510	1400	4200	1.56
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	1,2-Dichloroethane	< 1400	µg/m^3	U	480	1400	4200	36
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	1,3-Butadiene	< 2600	µg/m^3	U	720	2600	4200	31.2
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	1,4-Dioxane	< 1400	µg/m^3	U	510	1400	4200	187
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Benzene	300000	µg/m^3		630	1400	4200	120
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Bromodichloromethane	< 1400	µg/m^3	U	630	1400	4200	25.3
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Bromoform	< 2600	µg/m^3	U	900	2600	4300	851
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Carbon tetrachloride	< 1400	µg/m^3	U	600	1400	4200	156
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Chloroform	< 1400	µg/m^3	U	580	1400	4300	40.7
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Chloromethane	< 2600	µg/m^3	U	700	2600	4200	520
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Dibromochloromethane	< 1400	µg/m^3	U	570	1400	4200	34.7
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Dichlorodifluoromethane	< 2600	µg/m^3	U	710	2600	4200	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Ethyl acetate	< 5300	µg/m^3	U	2300	5300	8200	2430
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Ethylbenzene	70000	µg/m^3		610	1400	4200	374
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	m- & p-Xylenes	350000	µg/m^3		1100	2800	8200	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Naphthalene	< 2500	µg/m^3	U	1100	2500	4200	27.5
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	o-Xylene	88000	µg/m^3		630	1400	4300	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Tetrachloroethene	< 1400	µg/m^3	U	560	1400	4200	1390
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Trichloroethene	< 1400	µg/m^3	U	590	1400	4200	69.5
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Vinyl chloride	< 1400	µg/m^3	U	470	1400	4300	55.9
SVMW-09-250	SV09-250-212	4/5/2021	N	P2101897	TO-15	8,160	Xylenes, total	440000	µg/m^3		1100	2800	8200	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	1,1-Dichloroethane	< 11000	µg/m^3	U	2600	11000	18000	585
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	1,2,4-Trichlorobenzene	< 11000	µg/m^3	U	4400	11000	34000	69.5
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	1,2-Dibromoethane	9200	µg/m^3	J	2100	5700	17000	1.56
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	1,2-Dichloroethane	< 5700	µg/m^3	U	2000	5700	17000	36
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	1,3-Butadiene	< 11000	µg/m^3	U	3000	11000	17000	31.2
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	1,4-Dioxane	< 5700	µg/m^3	U	2100	5700	17000	187
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Benzene	940000	µg/m^3		2600	5700	17000	120
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Bromodichloromethane	< 5700	µg/m^3	U	2600	5700	17000	25.3
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Bromoform	< 11000	µg/m^3	U	3700	11000	18000	851
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Carbon disulfide	< 18000	µg/m^3	U	5400	18000	34000	24300
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Carbon tetrachloride	< 5700	µg/m^3	U	2500	5700	17000	156
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Chloroform	< 5700	µg/m^3	U	2400	5700	18000	40.7
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Chloromethane	< 11000	µg/m^3	U	2900	11000	17000	520
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Dibromochloromethane	< 5700	µg/m^3	U	2400	5700	17000	34.7
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Dichlorodifluoromethane	< 11000	µg/m^3	U	2900	11000	17000	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Ethyl acetate	< 22000	µg/m^3	U	9400	22000	34000	2430
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Ethylbenzene	150000	µg/m^3		2500	5700	17000	374
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	m- & p-Xylenes	350000	µg/m^3		4700	11000	34000	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Naphthalene	< 10000	µg/m^3	U	4400	10000	17000	27.5
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	o-Xylene	92000	µg/m^3		2600	5700	18000	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Tetrachloroethene	< 5700	µg/m^3	U	2300	5700	17000	1390
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Trichloroethene	< 5700	µg/m^3	U	2400	5700	17000	69.5
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Vinyl chloride	< 5700	µg/m^3	U	1900	5700	18000	55.9
SVMW-09-266	SV09-266-212	4/5/2021	N	P2101897	TO-15	33,600	Xylenes, total	450000	µg/m^3		4700	11000	34000	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	1,1-Dichloroethane	< 11000	µg/m^3	U	2500	11000	17000	585
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	1,2,4-Trichlorobenzene	< 10000	µg/m^3	U	4200	10000	32000	69.5
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	1,2-Dibromoethane	40000	µg/m^3		2000	5400	17000	1.56
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	1,2-Dichloroethane	< 5400	µg/m^3	U	1900	5400	17000	36
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	1,3-Butadiene	< 10000	µg/m^3	U	2800	10000	17000	31.2
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	1,4-Dioxane	< 5400	µg/m^3	U	2000	5400	17000	187
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Benzene	1200000	µg/m^3		2500	5400	17000	120
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Bromodichloromethane	< 5400	µg/m^3	U	2500	5400	17000	25.3
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Bromoform	< 10000	µg/m^3	U	3500	10000	17000	851
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Carbon disulfide	< 17000	µg/m^3	U	5100	17000	32000	24300
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Carbon tetrachloride	< 5400	µg/m^3	U	2400	5400	16000	156
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Chloroform	< 5400	µg/m^3	U	2300	5400	17000	40.7
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Chloromethane	< 10000	µg/m^3	U	2800	10000	17000	520
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Dibromochloromethane	< 5400	µg/m^3	U	2200	5400	17000	34.7
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Dichlorodifluoromethane	< 10000	µg/m^3	U	2800	10000	17000	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Ethyl acetate	< 21000	µg/m^3	U	9000	21000	32000	2430
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Ethylbenzene	280000	µg/m^3		2400	5400	17000	374
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	m- & p-Xylenes	660000	µg/m^3		4500	11000	32000	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Naphthalene	< 9900	µg/m^3	U	4200	9900	17000	27.5
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	o-Xylene	170000	µg/m^3		2500	5400	17000	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Tetrachloroethene	< 5400	µg/m^3	U	2200	5400	17000	1390
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Trichloroethene	< 5400	µg/m^3	U	2300	5400	16000	69.5

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Vinyl chloride	< 5400	µg/m^3	U	1800	5400	17000	55.9
SVMW-10-050	SV10-050-212	4/20/2021	N	P2102357	TO-15	32,000	Xylenes, total	830000	µg/m^3		4500	11000	32000	3480
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	1,1-Dichloroethane	< 960	µg/m^3	U	230	960	1600	585
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	1,2,4-Trichlorobenzene	< 930	µg/m^3	U	380	930	2900	69.5
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	1,2-Dibromoethane	2100	µg/m^3		180	500	1500	1.56
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	1,2-Dichloroethane	< 500	µg/m^3	U	170	500	1500	36
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	1,3-Butadiene	< 930	µg/m^3	U	260	930	1500	31.2
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	1,4-Dioxane	< 500	µg/m^3	U	180	500	1500	187
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Benzene	140000	µg/m^3		220	500	1500	120
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Bromodichloromethane	< 500	µg/m^3	U	220	500	1500	25.3
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Bromoform	< 930	µg/m^3	U	320	930	1500	851
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Carbon tetrachloride	< 500	µg/m^3	U	220	500	1500	156
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Chloroform	< 500	µg/m^3	U	210	500	1500	40.7
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Chloromethane	< 930	µg/m^3	U	250	930	1500	520
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Dibromochloromethane	< 500	µg/m^3	U	200	500	1500	34.7
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Ethyl acetate	< 1900	µg/m^3	U	820	1900	2900	2430
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Ethylbenzene	12000	µg/m^3		220	500	1500	374
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Naphthalene	< 900	µg/m^3	U	380	900	1500	27.5
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Tetrachloroethene	< 500	µg/m^3	U	200	500	1500	1390
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Trichloroethene	< 500	µg/m^3	U	210	500	1500	69.5
SVMW-10-100	SV10-100-212	4/20/2021	N	P2102357	TO-15	2,920	Vinyl chloride	< 500	µg/m^3	U	170	500	1500	55.9
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	1,2,4-Trichlorobenzene	< 310	µg/m^3	U	120	310	960	69.5
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	1,2-Dibromoethane	620	µg/m^3		60	160	500	1.56
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	1,2-Dichloroethane	< 160	µg/m^3	U	57	160	500	36
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	1,3-Butadiene	< 310	µg/m^3	U	84	310	500	31.2
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	1,4-Dioxane	< 160	µg/m^3	U	60	160	500	187
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Benzene	43000	µg/m^3		74	160	500	120
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Bromodichloromethane	< 160	µg/m^3	U	74	160	500	25.3
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Carbon tetrachloride	< 160	µg/m^3	U	71	160	490	156
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Chloroform	< 160	µg/m^3	U	68	160	510	40.7
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Dibromochloromethane	< 160	µg/m^3	U	67	160	500	34.7
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Ethylbenzene	7500	µg/m^3		72	160	500	374
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Naphthalene	< 300	µg/m^3	U	120	300	500	27.5
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Trichloroethene	< 160	µg/m^3	U	69	160	490	69.5
SVMW-10-150	SV10-150-212	4/20/2021	N	P2102357	TO-15	960	Vinyl chloride	< 160	µg/m^3	U	55	160	510	55.9
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	1,2,4-Trichlorobenzene	< 71	µg/m^3	U	29	71	220	69.5
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	1,2-Dibromoethane	100	µg/m^3	J	14	38	120	1.56
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	1,2-Dichloroethane	< 38	µg/m^3	U	13	38	120	36
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	1,3-Butadiene	< 71	µg/m^3	U	19	71	120	31.2
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	Bromodichloromethane	< 38	µg/m^3	U	17	38	120	25.3
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	Chloroform	< 38	µg/m^3	U	16	38	120	40.7
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	Dibromochloromethane	< 38	µg/m^3	U	16	38	120	34.7
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	Naphthalene	< 69	µg/m^3	U	29	69	120	27.5
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	Trichloroethene	< 38	µg/m^3	U	16	38	110	69.5
SVMW-10-250	SV10-250-212	4/20/2021	N	P2102358	TO-15	221	Vinyl chloride	< 38	µg/m^3	U	13	38	120	55.9
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	1,1-Dichloroethane	< 1400	µg/m^3	U	330	1400	2300	585

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	1,2,4-Trichlorobenzene	< 1300	µg/m^3	U	550	1300	4200	69.5
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	1,2-Dibromoethane	< 710	µg/m^3	U	260	710	2200	1.56
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	1,2-Dichloroethane	< 710	µg/m^3	U	250	710	2200	36
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	1,3-Butadiene	< 1300	µg/m^3	U	370	1300	2200	31.2
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	1,4-Dioxane	< 710	µg/m^3	U	260	710	2200	187
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Benzene	66000	µg/m^3		320	710	2200	120
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Bromodichloromethane	< 710	µg/m^3	U	320	710	2200	25.3
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Bromoform	< 1300	µg/m^3	U	460	1300	2200	851
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Carbon tetrachloride	< 710	µg/m^3	U	310	710	2100	156
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Chloroform	< 710	µg/m^3	U	300	710	2200	40.7
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Chloromethane	< 1300	µg/m^3	U	360	1300	2200	520
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Dibromochloromethane	< 710	µg/m^3	U	290	710	2200	34.7
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Ethyl acetate	< 2700	µg/m^3	U	1200	2700	4200	2430
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Ethylbenzene	87000	µg/m^3		320	710	2200	374
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	m- & p-Xylenes	340000	µg/m^3		590	1400	4200	3480
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Naphthalene	930	µg/m^3	J	550	1300	2200	27.5
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Tetrachloroethene	< 710	µg/m^3	U	290	710	2200	1390
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Trichloroethene	< 710	µg/m^3	U	300	710	2100	69.5
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Vinyl chloride	< 710	µg/m^3	U	240	710	2200	55.9
SVMW-11-050	SV11-050-212	4/20/2021	N	P2102358	TO-15	4,200	Xylenes, total	450000	µg/m^3		590	1400	4200	3480
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	1,1-Dichloroethane	< 960	µg/m^3	U	230	960	1600	585
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	1,2,4-Trichlorobenzene	< 930	µg/m^3	U	380	930	2900	69.5
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	1,2-Dibromoethane	< 500	µg/m^3	U	180	500	1500	1.56
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	1,2-Dichloroethane	< 500	µg/m^3	U	170	500	1500	36
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	1,3-Butadiene	< 930	µg/m^3	U	260	930	1500	31.2
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	1,4-Dioxane	< 500	µg/m^3	U	180	500	1500	187
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Benzene	51000	µg/m^3		220	500	1500	120
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Bromodichloromethane	< 500	µg/m^3	U	220	500	1500	25.3
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Bromoform	< 930	µg/m^3	U	320	930	1500	851
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Carbon tetrachloride	< 500	µg/m^3	U	220	500	1500	156
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Chloroform	< 500	µg/m^3	U	210	500	1500	40.7
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Chloromethane	< 930	µg/m^3	U	250	930	1500	520
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Dibromochloromethane	< 500	µg/m^3	U	200	500	1500	34.7
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Ethyl acetate	< 1900	µg/m^3	U	820	1900	2900	2430
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Ethylbenzene	16000	µg/m^3		220	500	1500	374
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Naphthalene	< 900	µg/m^3	U	380	900	1500	27.5
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Tetrachloroethene	< 500	µg/m^3	U	200	500	1500	1390
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Trichloroethene	< 500	µg/m^3	U	210	500	1500	69.5
SVMW-11-100	SV11-100-212	4/20/2021	N	P2102358	TO-15	2,920	Vinyl chloride	< 500	µg/m^3	U	170	500	1500	55.9
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	1,2,4-Trichlorobenzene	< 290	µg/m^3	U	120	290	920	69.5
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	1,2-Dibromoethane	< 160	µg/m^3	U	57	160	480	1.56
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	1,2-Dichloroethane	< 160	µg/m^3	U	54	160	480	36
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	1,3-Butadiene	< 290	µg/m^3	U	81	290	480	31.2
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	1,4-Dioxane	< 160	µg/m^3	U	58	160	480	187
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Benzene	28000	µg/m^3		70	160	480	120
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Bromodichloromethane	< 160	µg/m^3	U	70	160	480	25.3

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Carbon tetrachloride	< 160	µg/m^3	U	68	160	470	156
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Chloroform	< 160	µg/m^3	U	65	160	480	40.7
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Dibromochloromethane	< 160	µg/m^3	U	64	160	480	34.7
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Ethylbenzene	11000	µg/m^3		69	160	480	374
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Naphthalene	130	µg/m^3	J	120	280	480	27.5
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Trichloroethene	< 160	µg/m^3	U	66	160	470	69.5
SVMW-11-250	SV11-250-212	4/20/2021	N	P2102358	TO-15	915	Vinyl chloride	< 160	µg/m^3	U	52	160	480	55.9
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	1,1-Dichloroethane	< 650	µg/m^3	U	150	650	1100	585
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	1,2,4-Trichlorobenzene	< 630	µg/m^3	U	250	630	2000	69.5
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	1,2-Dibromoethane	< 330	µg/m^3	U	120	330	1000	1.56
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	1,2-Dichloroethane	< 330	µg/m^3	U	120	330	1000	36
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	1,3-Butadiene	< 630	µg/m^3	U	170	630	1000	31.2
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	1,4-Dioxane	< 330	µg/m^3	U	120	330	1000	187
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Benzene	280	µg/m^3	J	150	330	1000	120
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Bromodichloromethane	< 330	µg/m^3	U	150	330	1000	25.3
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Bromoform	< 630	µg/m^3	U	220	630	1000	851
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Carbon tetrachloride	< 330	µg/m^3	U	150	330	1000	156
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Chloroform	< 330	µg/m^3	U	140	330	1000	40.7
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Chloromethane	< 630	µg/m^3	U	170	630	1000	520
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Dibromochloromethane	< 330	µg/m^3	U	140	330	1000	34.7
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Ethylbenzene	< 330	µg/m^3	U	150	330	1000	374
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Naphthalene	< 610	µg/m^3	U	250	610	1000	27.5
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Trichloroethene	< 330	µg/m^3	U	140	330	1000	69.5
SVMW-11-260	SV11-260-212	4/20/2021	N	P2102358	TO-15	1,960	Vinyl chloride	< 330	µg/m^3	U	110	330	1000	55.9
SVMW-12-150	SV12-150-212	4/19/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-12-250	SV12-250-212	4/19/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-12-350	SV12-350-212	4/19/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-12-450	SV12-450-212	4/19/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	1,2,4-Trichlorobenzene	< 190	µg/m^3	U	77	190	590	69.5
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	1,2-Dibromoethane	< 100	µg/m^3	U	37	100	310	1.56
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	1,2-Dichloroethane	< 100	µg/m^3	U	35	100	310	36
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	1,3-Butadiene	< 190	µg/m^3	U	52	190	310	31.2
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	1,4-Dioxane	< 100	µg/m^3	U	37	100	310	187
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Benzene	5400	µg/m^3		45	100	310	120
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Bromodichloromethane	< 100	µg/m^3	U	45	100	310	25.3
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Carbon tetrachloride	< 100	µg/m^3	U	44	100	300	156
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Chloroform	< 100	µg/m^3	U	42	100	310	40.7
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Dibromochloromethane	< 100	µg/m^3	U	41	100	310	34.7
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Naphthalene	< 180	µg/m^3	U	77	180	310	27.5
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Trichloroethene	< 100	µg/m^3	U	42	100	300	69.5
SVMW-13-150	SV13-150-212	4/20/2021	N	P2102358	TO-15	590	Vinyl chloride	< 100	µg/m^3	U	34	100	310	55.9
SVMW-13-250	SV13-250-212	4/20/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-13-350	SV13-350-212	4/20/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-13-450	SV13-450-212	4/20/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-14-150	SV14-150-212	4/13/2021	N	P2102163	TO-15	4.73	1,2-Dibromoethane	< 0.8	µg/m^3	U	0.29	0.8	2.5	1.56
SVMW-14-250	SV14-250-212	4/13/2021	N	P2102163	TO-15	5.05	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

Sample Location ID	Field Sample ID	Sample Date	Sample Type	Lab Report ID	Analytical Method	Dilution Factor	Analyte	Result Value	Result Unit	Final Qualifier	MDL/DL[a]	RDL/LOD[b]	LOQ/PQL[c]	Project Screening Level[d]
SVMW-14-350	SV14-350-212	4/13/2021	N	P2102163	TO-15	5.05	1,2-Dibromoethane	< 0.86	µg/m^3	U	0.31	0.86	2.6	1.56
SVMW-14-450	SV14-450-212	4/13/2021	N	P2102163	TO-15	4.75	1,2-Dibromoethane	< 0.81	µg/m^3	U	0.29	0.81	2.5	1.56
SVMW-14-450	SV14-450-612	4/13/2021	FD	P2102163	TO-15	4.68	1,2-Dibromoethane	< 0.79	µg/m^3	U	0.29	0.79	2.4	1.56
SVMW-15-150	SV15-150-212	4/19/2021	N	P2102358	TO-15	4	1,2-Dibromoethane	< 0	µg/m^3	U	0	0	2	1.56
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	1,2,4-Trichlorobenzene	< 120	µg/m^3	U	48	120	370	69.5
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	1,2-Dibromoethane	< 63	µg/m^3	U	23	63	190	1.56
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	1,2-Dichloroethane	< 63	µg/m^3	U	22	63	190	36
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	1,3-Butadiene	< 120	µg/m^3	U	33	120	190	31.2
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	1,4-Dioxane	< 63	µg/m^3	U	23	63	190	187
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Benzene	290	µg/m^3		29	63	190	120
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Bromodichloromethane	< 63	µg/m^3	U	29	63	190	25.3
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Carbon tetrachloride	< 63	µg/m^3	U	28	63	190	156
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Chloroform	< 63	µg/m^3	U	26	63	200	40.7
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Dibromochloromethane	< 63	µg/m^3	U	26	63	190	34.7
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Naphthalene	< 120	µg/m^3	U	48	120	190	27.5
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Trichloroethene	47	µg/m^3	J	27	63	190	69.5
SVMW-15-350	SV15-350-212	4/19/2021	N	P2102358	TO-15	372	Vinyl chloride	< 63	µg/m^3	U	21	63	200	55.9
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	1,1-Dichloroethane	< 1600	µg/m^3	U	380	1600	2700	585
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	1,2,4-Trichlorobenzene	< 1600	µg/m^3	U	640	1600	4900	69.5
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	1,2-Dibromoethane	< 840	µg/m^3	U	310	840	2600	1.56
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	1,2-Dichloroethane	< 840	µg/m^3	U	290	840	2600	36
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	1,3-Butadiene	< 1600	µg/m^3	U	430	1600	2600	31.2
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	1,4-Dioxane	< 840	µg/m^3	U	310	840	2600	187
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Benzene	57000	µg/m^3		380	840	2600	120
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Bromodichloromethane	< 840	µg/m^3	U	380	840	2600	25.3
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Bromoform	< 1600	µg/m^3	U	540	1600	2600	851
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Carbon tetrachloride	< 840	µg/m^3	U	360	840	2500	156
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Chloroform	< 840	µg/m^3	U	350	840	2600	40.7
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Chloromethane	< 1600	µg/m^3	U	420	1600	2600	520
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Dibromochloromethane	< 840	µg/m^3	U	340	840	2600	34.7
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Ethyl acetate	< 3200	µg/m^3	U	1400	3200	4900	2430
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Ethylbenzene	8600	µg/m^3		370	840	2600	374
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	m- & p-Xylenes	28000	µg/m^3		690	1700	4900	3480
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Naphthalene	< 1500	µg/m^3	U	640	1500	2600	27.5
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Tetrachloroethene	< 840	µg/m^3	U	340	840	2600	1390
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Trichloroethene	< 840	µg/m^3	U	350	840	2500	69.5
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Vinyl chloride	< 840	µg/m^3	U	280	840	2600	55.9
SVMW-15-450	SV15-450-212	4/19/2021	N	P2102358	TO-15	4,930	Xylenes, total	38000	µg/m^3		690	1700	4900	3480

Table C-1-6
Soil Vapor Results with PQLs Exceeding the Project Screening Level, Q2 2021

[a] The MDL is equivalent to the DoD DL.

[b] The RDL is equivalent to the DoD LOD.

[c] The PQL is equivalent to the DoD LOQ.

[d] The project screening level equals the New Mexico Environment Department Vapor Intrusion Screening Level Residential Soil Gas (2019).

< = less than

DL = detection lmit

DoD = Department of Defense

EPA = U.S. Environmental Protection Agency

FD = field duplicate

ID = identification

J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.

LOD = limit of detetion

LOQ = limit of quantitation

MDL = method detection limit

N (in "sample_type_code" column)= normal

NS = not specificed

PQL = practical quantitation limit

Q2 = second quarter

RDL = report detection limit

RSL = regional screening level

U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.

µg/m^3 = microgram per cubic meter

Gray highlighting indicates that the result exceeds the Project Screening Level.

Table C-1-7
Technical Data Completeness, Q2 2021

Analytical Parameter	Field/Field Duplicate Sample Analytes	Quality Control Sample Analytes (TB)	Qualified Analytes	Percent Technical Completeness[a]
VOCs (TO-15)	14,276	0	36	100

[a] Percent technical completeness including analytes qualified as estimated data. No data were rejected.

TB = trip blank

VOC = volatile organic compound

APPENDIX C-2

Data Packages - Soil Vapor Samples

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LABORATORY REPORT

April 28, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 9, 2021. For your reference, these analyses have been assigned our service request number P2101875.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 4:53 pm, Apr 28, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2101875
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 9, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recovery for analyte in the Duplicate Laboratory Control Sample (DLCS) identified as Ethyl acetate was outside the upper control criterion. Recovery in the associated Duplicate Laboratory Control Sample (DLCS) meets the laboratory generated acceptance limits. No further corrective action was taken.

Manual integrations were performed on the following samples and analytes. Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2101875-002,021	Acetone
P2101875-006,012,023	Propene

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2101875
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/9/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV028-150-212	P2101875-001	Air	4/5/2021	14:41	1SS00704	-3.51	12.82	X
SV028-250-212	P2101875-002	Air	4/5/2021	15:30	1SS01186	-3.03	6.58	X
SV028-350-212	P2101875-003	Air	4/5/2021	15:34	1SC00947	-2.70	6.84	X
SV028-450-212	P2101875-004	Air	4/5/2021	15:36	1SS01194	-4.53	7.98	X
SV111-025-212	P2101875-005	Air	4/6/2021	10:05	1SS00140	-4.03	7.95	X
SV111-050-212	P2101875-006	Air	4/6/2021	10:09	1SS00971	-4.06	5.81	X
SV111-050-612	P2101875-007	Air	4/6/2021	10:09	1SC00587	-4.76	6.40	X
SV111-150-212	P2101875-008	Air	4/6/2021	10:13	1SC00477	-3.69	6.23	X
SV111-250-212	P2101875-009	Air	4/6/2021	10:16	1SC00431	-2.56	6.48	X
SV111-350-212	P2101875-010	Air	4/6/2021	10:20	1SS01183	-4.73	7.31	X
SV111-450-212	P2101875-011	Air	4/6/2021	10:29	1SS01184	-3.95	6.89	X
SV114-025-212	P2101875-012	Air	4/6/2021	12:03	1SS00718	-3.55	5.75	X
SV114-050-212	P2101875-013	Air	4/6/2021	12:09	1SC01357	-4.42	5.66	X
SV114-150-212	P2101875-014	Air	4/6/2021	12:12	1SC01158	-4.50	5.53	X
SV114-250-612	P2101875-015	Air	4/6/2021	12:15	1SS00021	-3.70	6.00	X
SV114-250-212	P2101875-016	Air	4/6/2021	12:15	1SS00044	-3.90	5.75	X
SV114-350-212	P2101875-017	Air	4/6/2021	12:20	1SS01135	-4.66	5.70	X
SV114-450-212	P2101875-018	Air	4/6/2021	12:30	1SS00251	-3.42	5.57	X
SV116-025-212	P2101875-019	Air	4/6/2021	14:37	1SC00991	-3.58	8.11	X
SV116-050-212	P2101875-020	Air	4/6/2021	14:39	1SS00956	-5.15	5.93	X
SV116-150-212	P2101875-021	Air	4/6/2021	14:43	1SC00139	-4.21	8.85	X
SV116-250-212	P2101875-022	Air	4/6/2021	14:46	1SS00836	-3.18	5.70	X
SV116-350-212	P2101875-023	Air	4/6/2021	14:51	1SS01003	-5.01	6.08	X
SV116-350-612	P2101875-024	Air	4/6/2021	14:51	1SC01366	-2.69	7.56	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-01**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No: 210187

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Faciltiy
Project Number	62735DM02
P.O. # / Billing Information	17682
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: tlamond@eaest.com Amanda Smith: asmith@eaest.com Pam Moss: pmoss@eaest.com
Sampler (Print & Sign)	Tyler Cooley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV028-150-212	1	4/5/2021	14:41	1SS00704	NA	-24.0	-1.0	1L	X	None
SV028-250-212	2	4/5/2021	15:30	1SS01186	NA	-25.0	-2.0	1L	X	None
SV028-350-212	3	4/5/2021	15:34	1SC00947	NA	-26.0	-1.0	1L	X	None
SV028-450-212	4	4/5/2021	15:36	1SS01194	NA	-25.5	-5.0	1L	X	None
SV111-025-212	5	4/6/2021	10:05	1SS00140	NA	-25.0	-3.5	1L	X	None
SV111-050-212	6	4/6/2021	10:09	1SS00971	NA	-23.0	-2.5	1L	X	None
SV111-050-612	7	4/6/2021	10:09	1SC00587	NA	-23.5	-5.0	1L	X	None
SV111-150-212	8	4/6/2021	10:13	1SC00477	NA	-26.0	-3.5	1L	X	None
SV111-250-212	9	4/6/2021	10:16	1SC00431	NA	-22.0	-1.0	1L	X	None
SV111-350-212	10	4/6/2021	10:20	1SS01183	NA	-23.0	-4.0	1L	X	None
SV111-450-212	11	4/6/2021	10:29	1SS01184	NA	-27.0	-5.0	1L	X	None
SV114-025-212	12	4/6/2021	12:03	1SS00718	NA	-22.0	-1.0	1L	X	None

FedEX Tracking Number: 9719 9694 8968

~~Associated with Trip blank: SVTB212~~ TC

Shipping information: Box number 1 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4-8-21	Time: 0750

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. T210875

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: tlamond@eaest.com Amanda Smith: asmith@eaest.com Pam Moss: pmoss@eaest.com
Project Name	Kirtland AFB Bulk Fuels Facility
Project Number	62735DM02
P.O. # / Billing Information	17682
Sampler (Print & Sign)	Tyler J Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV114-050-212	13	4/6/2021	12:09	1SC01357	NA	-23.5	-4.0	1L	X	None
SV114-150-212	14	4/6/2021	12:12	1SC01158	NA	-24.5	-3.0	1L	X	None
SV114-250-612	15	4/6/2021	12:15	1SS00021	NA	-23.0	0.0	1L	X	None
SV114-250-212	16	4/6/2021	12:15	1SS00044	NA	-25.0	-3.0	1L	X	None
SV114-350-212	17	4/6/2021	12:20	1SS01135	NA	-24.0	-4.5	1L	X	None
SV114-450-212	18	4/6/2021	12:30	1SS00251	NA	-23.5	-4.0	1L	X	None
SV116-025-212	19	4/6/2021	14:37	1SC00991	NA	-25.0	-3.0	1L	X	None
SV116-050-212	20	4/6/2021	14:39	1SS00956	NA	-23.5	-3.0	1L	X	None
SV116-150-212	21	4/6/2021	14:43	1SC00139	NA	-26.0	-3.5	1L	X	None
SV116-250-212	22	4/6/2021	14:46	1SS00836	NA	-25.0	-1.0	1L	X	None
SV116-350-212	23	4/6/2021	14:51	1SS01003	NA	-24.0	-4.5	1L	X	None
SV116-350-612	24	4/6/2021	14:51	1SC01366	NA	-25.0	0.0	1L	X	None

FedEX Tracking Number: 9719 9694 8968

Shipping Information: Box number 1 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Project Requirements: QAPP

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101875

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing, Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101875-001.01	1.0 L Source Silonite Canister					
P2101875-002.01	1.0 L Source Silonite Canister					
P2101875-003.01	1.0 L Source Can					
P2101875-004.01	1.0 L Source Silonite Canister					
P2101875-005.01	1.0 L Source Silonite Canister					
P2101875-006.01	1.0 L Source Silonite Canister					
P2101875-007.01	1.0 L Source Can					
P2101875-008.01	1.0 L Source Can					
P2101875-009.01	1.0 L Source Can					
P2101875-010.01	1.0 L Source Silonite Canister					
P2101875-011.01	1.0 L Source Silonite Canister					
P2101875-012.01	1.0 L Source Silonite Canister					
P2101875-013.01	1.0 L Source Can					
P2101875-014.01	1.0 L Source Can					
P2101875-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101875

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101875-016.01	1.0 L Source Silonite Canister					
P2101875-017.01	1.0 L Source Silonite Canister					
P2101875-018.01	1.0 L Source Silonite Canister					
P2101875-019.01	1.0 L Source Can					
P2101875-020.01	1.0 L Source Silonite Canister					
P2101875-021.01	1.0 L Source Can					
P2101875-022.01	1.0 L Source Silonite Canister					
P2101875-023.01	1.0 L Source Silonite Canister					
P2101875-024.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00704

Initial Pressure (psig): -3.51 Final Pressure (psig): 12.82

Container Dilution Factor: 2.46

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.1	1.9	1.1	0.46	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.2**	0.65	0.40	0.11	
74-87-3	Chloromethane	0.95	1.5	0.95	0.26	**U**
75-01-4	Vinyl Chloride	0.41	1.3	0.41	0.14	**U**
106-99-0	1,3-Butadiene	0.89	1.4	0.89	0.24	**U**
75-00-3	Chloroethane	0.75	1.2	0.75	0.15	**U**
64-17-5	Ethanol	**6.0**	17	2.7	1.2	**J**
67-64-1	Acetone	7.0	13	7.0	3.1	**U**
75-69-4	Trichlorofluoromethane	**0.37**	0.56	0.35	0.089	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.6	2.5	1.6	0.55	**U**
75-09-2	Methylene Chloride	0.57	0.92	0.57	0.27	**U**
76-13-1	Trichlorotrifluoroethane	**0.061**	0.43	0.14	0.061	**J**
75-15-0	Carbon Disulfide	1.1	2.0	1.1	0.32	**U**
75-34-3	1,1-Dichloroethane	0.50	0.82	0.50	0.12	**U**
78-93-3	2-Butanone (MEK)	0.67	2.1	0.67	0.23	**U**
141-78-6	Ethyl Acetate	1.1	1.7	1.1	0.48	**U, L**
110-54-3	n-Hexane	0.56	0.91	0.56	0.19	**U**
67-66-3	Chloroform	0.21	0.67	0.21	0.089	**U**
109-99-9	Tetrahydrofuran (THF)	**8.2**	2.1	0.35	0.14	
107-06-2	1,2-Dichloroethane	0.26	0.79	0.26	0.090	**U**
71-43-2	Benzene	**0.28**	1.0	0.33	0.15	**J**
56-23-5	Carbon Tetrachloride	0.17	0.50	0.17	0.072	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00704

Initial Pressure (psig): -3.51 Final Pressure (psig): 12.82

Container Dilution Factor: 2.46

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.61	1.8	0.61	0.27	**U**
75-27-4	Bromodichloromethane	0.16	0.48	0.16	0.071	**U**
79-01-6	Trichloroethene	0.19	0.58	0.19	0.082	**U**
123-91-1	1,4-Dioxane	0.29	0.89	0.29	0.11	**U**
142-82-5	n-Heptane	0.48	0.78	0.48	0.13	**U**
108-10-1	4-Methyl-2-pentanone	0.26	1.5	0.26	0.11	**U**
108-88-3	Toluene	**0.22**	0.85	0.28	0.11	**J**
591-78-6	2-Hexanone	0.26	1.5	0.26	0.099	**U**
124-48-1	Dibromochloromethane	0.12	0.38	0.12	0.051	**U**
106-93-4	1,2-Dibromoethane	0.14	0.42	0.14	0.050	**U**
127-18-4	Tetrachloroethene	**0.12**	0.47	0.15	0.063	**J**
100-41-4	Ethylbenzene	0.24	0.74	0.24	0.11	**U**
179601-23-1	m,p-Xylenes	0.48	1.4	0.48	0.20	**U**
75-25-2	Bromoform	0.19	0.32	0.19	0.065	**U**
100-42-5	Styrene	0.46	0.75	0.46	0.12	**U**
95-47-6	o-Xylene	0.24	0.75	0.24	0.11	**U**
108-67-8	1,3,5-Trimethylbenzene	0.21	0.66	0.21	0.096	**U**
95-63-6	1,2,4-Trimethylbenzene	0.21	0.65	0.21	0.093	**U**
120-82-1	1,2,4-Trichlorobenzene	0.27	0.83	0.27	0.11	**U**
91-20-3	Naphthalene	0.36	0.61	0.36	0.15	**U**
1330-20-7	Xylenes, Total	0.48	1.4	0.48	0.20	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01186

Initial Pressure (psig): -3.03 Final Pressure (psig): 6.58

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.72**	1.4	0.85	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.8**	0.48	0.29	0.080	
74-87-3	Chloromethane	0.71	1.1	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.94	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.55	0.90	0.55	0.11	**U**
64-17-5	Ethanol	**6.3**	13	2.0	0.89	**J**
67-64-1	Acetone	5.2	10	5.2	2.3	**U**
75-69-4	Trichlorofluoromethane	**0.54**	0.41	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.0**	1.9	1.2	0.41	
75-09-2	Methylene Chloride	0.42	0.68	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.048**	0.31	0.10	0.045	**J**
75-15-0	Carbon Disulfide	0.79	1.5	0.79	0.23	**U**
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**1.1**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	0.82	1.3	0.82	0.35	**U, L**
110-54-3	n-Hexane	0.41	0.67	0.41	0.14	**U**
67-66-3	Chloroform	0.16	0.49	0.16	0.066	**U**
109-99-9	Tetrahydrofuran (THF)	**2.1**	1.5	0.26	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.14**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	0.12	0.37	0.12	0.054	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01186

Initial Pressure (psig): -3.03 Final Pressure (psig): 6.58

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.35	0.12	0.052	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.21	0.66	0.21	0.080	**U**
142-82-5	n-Heptane	0.36	0.58	0.36	0.094	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.081	**U**
108-88-3	Toluene	0.21	0.63	0.21	0.079	**U**
591-78-6	2-Hexanone	**0.091**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	0.11	0.35	0.11	0.046	**U**
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.079	**U**
179601-23-1	m,p-Xylenes	0.36	1.0	0.36	0.15	**U**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	0.18	0.56	0.18	0.081	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.071	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.069	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.61	0.20	0.080	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	0.36	1.0	0.36	0.15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00947

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.84

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	1.4	0.84	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	0.47	0.29	0.079	
74-87-3	Chloromethane	**1.7**	1.1	0.70	0.19	
75-01-4	Vinyl Chloride	**1.3**	0.93	0.30	0.10	
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	**3.0**	0.89	0.55	0.11	
64-17-5	Ethanol	**2.5**	13	2.0	0.88	**J**
67-64-1	Acetone	**6.8**	9.9	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.75**	0.41	0.26	0.065	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.8	1.2	0.40	**U**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.049**	0.31	0.10	0.045	**J**
75-15-0	Carbon Disulfide	**0.57**	1.4	0.78	0.23	**J**
75-34-3	1,1-Dichloroethane	**1.3**	0.60	0.37	0.087	
78-93-3	2-Butanone (MEK)	**0.87**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	0.81	1.2	0.81	0.35	**U, L**
110-54-3	n-Hexane	**1.1**	0.66	0.41	0.14	
67-66-3	Chloroform	**0.15**	0.49	0.16	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**0.89**	1.5	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	**0.25**	0.58	0.19	0.066	**J**
71-43-2	Benzene	**0.39**	0.73	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.15**	0.36	0.12	0.053	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00947

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.84

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.70**	1.3	0.44	0.20	**J**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.052	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.060	**U**
123-91-1	1,4-Dioxane	**0.13**	0.65	0.21	0.079	**J**
142-82-5	n-Heptane	**0.16**	0.57	0.35	0.093	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.080	**U**
108-88-3	Toluene	**0.31**	0.62	0.20	0.078	**J**
591-78-6	2-Hexanone	**0.15**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.090	0.27	0.090	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.30	0.10	0.036	**U**
127-18-4	Tetrachloroethene	**0.12**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.078	**U**
179601-23-1	m,p-Xylenes	0.35	1.0	0.35	0.15	**U**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.091	**U**
95-47-6	o-Xylene	**0.098**	0.55	0.18	0.080	**J**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.071	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.068	**U**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.61	0.19	0.079	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	0.35	1.0	0.35	0.15	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01194

Initial Pressure (psig): -4.53 Final Pressure (psig): 7.98

Container Dilution Factor: 2.23

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.9**	1.7	1.0	0.42	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.69**	0.59	0.36	0.098	
74-87-3	Chloromethane	**0.96**	1.4	0.86	0.23	**J**
75-01-4	Vinyl Chloride	**0.97**	1.2	0.37	0.12	**J**
106-99-0	1,3-Butadiene	0.81	1.3	0.81	0.22	**U**
75-00-3	Chloroethane	**5.6**	1.1	0.68	0.14	
64-17-5	Ethanol	**5.3**	16	2.5	1.1	**J**
67-64-1	Acetone	6.3	12	6.3	2.8	**U**
75-69-4	Trichlorofluoromethane	**0.47**	0.51	0.32	0.080	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.3	1.4	0.50	**U**
75-09-2	Methylene Chloride	0.51	0.83	0.51	0.24	**U**
76-13-1	Trichlorotrifluoroethane	0.12	0.39	0.12	0.055	**U**
75-15-0	Carbon Disulfide	0.97	1.8	0.97	0.29	**U**
75-34-3	1,1-Dichloroethane	**0.69**	0.74	0.45	0.11	**J**
78-93-3	2-Butanone (MEK)	**1.4**	1.9	0.61	0.21	**J**
141-78-6	Ethyl Acetate	1.0	1.5	1.0	0.43	**U, L**
110-54-3	n-Hexane	**0.72**	0.82	0.51	0.17	**J**
67-66-3	Chloroform	**0.16**	0.61	0.19	0.081	**J**
109-99-9	Tetrahydrofuran (THF)	**0.31**	1.9	0.32	0.13	**J**
107-06-2	1,2-Dichloroethane	**0.41**	0.72	0.23	0.081	**J**
71-43-2	Benzene	**0.17**	0.91	0.30	0.13	**J**
56-23-5	Carbon Tetrachloride	**0.12**	0.45	0.15	0.066	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01194

Initial Pressure (psig): -4.53 Final Pressure (psig): 7.98

Container Dilution Factor: 2.23

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.1**	1.6	0.55	0.24	**J**
75-27-4	Bromodichloromethane	0.14	0.43	0.14	0.064	**U**
79-01-6	Trichloroethene	0.18	0.53	0.18	0.075	**U**
123-91-1	1,4-Dioxane	0.26	0.80	0.26	0.098	**U**
142-82-5	n-Heptane	0.44	0.71	0.44	0.12	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.4	0.23	0.099	**U**
108-88-3	Toluene	**0.25**	0.77	0.25	0.096	**J**
591-78-6	2-Hexanone	**0.19**	1.4	0.23	0.090	**J**
124-48-1	Dibromochloromethane	0.11	0.34	0.11	0.046	**U**
106-93-4	1,2-Dibromoethane	**0.49**	0.38	0.12	0.045	
127-18-4	Tetrachloroethene	**0.24**	0.43	0.14	0.057	**J**
100-41-4	Ethylbenzene	0.22	0.67	0.22	0.096	**U**
179601-23-1	m,p-Xylenes	0.44	1.3	0.44	0.18	**U**
75-25-2	Bromoform	0.17	0.29	0.17	0.059	**U**
100-42-5	Styrene	0.42	0.68	0.42	0.11	**U**
95-47-6	o-Xylene	0.22	0.68	0.22	0.099	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.60	0.19	0.087	**U**
95-63-6	1,2,4-Trimethylbenzene	0.19	0.59	0.19	0.084	**U**
120-82-1	1,2,4-Trichlorobenzene	0.24	0.75	0.24	0.098	**U**
91-20-3	Naphthalene	0.33	0.55	0.33	0.14	**U**
1330-20-7	Xylenes, Total	0.44	1.3	0.44	0.18	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00140

Initial Pressure (psig): -4.03 Final Pressure (psig): 7.95

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	26	43	26	11	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	15	9.2	2.5	**J**
74-87-3	Chloromethane	22	36	22	5.9	**U**
75-01-4	Vinyl Chloride	**5.6**	29	9.4	3.2	**J**
106-99-0	1,3-Butadiene	20	33	20	5.6	**U**
75-00-3	Chloroethane	17	28	17	3.5	**U**
64-17-5	Ethanol	**730**	400	62	28	
67-64-1	Acetone	**120**	310	160	71	**J**
75-69-4	Trichlorofluoromethane	**3.0**	13	8.1	2.0	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**35**	58	36	13	**J**
75-09-2	Methylene Chloride	**73**	21	13	6.1	
76-13-1	Trichlorotrifluoroethane	**11**	9.8	3.1	1.4	
75-15-0	Carbon Disulfide	25	45	25	7.3	**U**
75-34-3	1,1-Dichloroethane	12	19	12	2.7	**U**
78-93-3	2-Butanone (MEK)	**14**	48	15	5.3	**J**
141-78-6	Ethyl Acetate	**14**	39	26	11	**J, L**
110-54-3	n-Hexane	**11**	21	13	4.4	**J**
67-66-3	Chloroform	4.9	15	4.9	2.1	**U**
109-99-9	Tetrahydrofuran (THF)	8.1	48	8.1	3.2	**U**
107-06-2	1,2-Dichloroethane	5.9	18	5.9	2.1	**U**
71-43-2	Benzene	**7.0**	23	7.5	3.4	**J**
56-23-5	Carbon Tetrachloride	**11**	11	3.8	1.7	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00140

Initial Pressure (psig): -4.03 Final Pressure (psig): 7.95

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	14	41	14	6.2	**U**
75-27-4	Bromodichloromethane	3.6	11	3.6	1.6	**U**
79-01-6	Trichloroethene	**6.1**	13	4.5	1.9	**J**
123-91-1	1,4-Dioxane	6.7	20	6.7	2.5	**U**
142-82-5	n-Heptane	**4.6**	18	11	2.9	**J**
108-10-1	4-Methyl-2-pentanone	5.9	35	5.9	2.5	**U**
108-88-3	Toluene	**35**	20	6.4	2.4	
591-78-6	2-Hexanone	5.9	35	5.9	2.3	**U**
124-48-1	Dibromochloromethane	2.8	8.6	2.8	1.2	**U**
106-93-4	1,2-Dibromoethane	3.1	9.6	3.1	1.1	**U**
127-18-4	Tetrachloroethene	3.5	11	3.5	1.4	**U**
100-41-4	Ethylbenzene	**3.1**	17	5.5	2.4	**J**
179601-23-1	m,p-Xylenes	**9.2**	33	11	4.6	**J**
75-25-2	Bromoform	4.4	7.2	4.4	1.5	**U**
100-42-5	Styrene	11	17	11	2.9	**U**
95-47-6	o-Xylene	**3.4**	17	5.5	2.5	**J**
108-67-8	1,3,5-Trimethylbenzene	4.9	15	4.9	2.2	**U**
95-63-6	1,2,4-Trimethylbenzene	**2.8**	15	4.9	2.1	**J**
120-82-1	1,2,4-Trichlorobenzene	6.1	19	6.1	2.5	**U**
91-20-3	Naphthalene	8.4	14	8.4	3.5	**U**
1330-20-7	Xylenes, Total	**13**	33	11	4.6	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0035 Liter(s)
Test Notes:
Container ID: 1SS00971

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**410**	170	100	42	
75-71-8	Dichlorodifluoromethane (CFC 12)	**41**	58	36	9.7	**J**
74-87-3	Chloromethane	85	140	85	23	**U**
75-01-4	Vinyl Chloride	37	110	37	12	**U**
106-99-0	1,3-Butadiene	80	130	80	22	**U**
75-00-3	Chloroethane	67	110	67	14	**U**
64-17-5	Ethanol	**4,200**	1,600	240	110	
67-64-1	Acetone	**1,900**	1,200	630	280	
75-69-4	Trichlorofluoromethane	**16**	50	31	8.0	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**650**	220	140	49	
75-09-2	Methylene Chloride	**290**	83	51	24	
76-13-1	Trichlorotrifluoroethane	**17**	38	12	5.5	**J**
75-15-0	Carbon Disulfide	96	180	96	28	**U**
75-34-3	1,1-Dichloroethane	45	74	45	11	**U**
78-93-3	2-Butanone (MEK)	**71**	190	60	21	**J**
141-78-6	Ethyl Acetate	**58**	150	100	43	**J, L**
110-54-3	n-Hexane	**62**	81	50	17	**J**
67-66-3	Chloroform	19	60	19	8.0	**U**
109-99-9	Tetrahydrofuran (THF)	**14**	190	32	13	**J**
107-06-2	1,2-Dichloroethane	23	71	23	8.0	**U**
71-43-2	Benzene	**400**	90	29	13	
56-23-5	Carbon Tetrachloride	**16**	45	15	6.5	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0035 Liter(s)
Test Notes:
Container ID: 1SS00971

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**29**	160	54	24	**J**
75-27-4	Bromodichloromethane	14	43	14	6.3	**U**
79-01-6	Trichloroethene	17	52	17	7.4	**U**
123-91-1	1,4-Dioxane	26	80	26	9.6	**U**
142-82-5	n-Heptane	**27**	70	43	11	**J**
108-10-1	4-Methyl-2-pentanone	23	130	23	9.8	**U**
108-88-3	Toluene	**120**	76	25	9.5	
591-78-6	2-Hexanone	23	130	23	8.9	**U**
124-48-1	Dibromochloromethane	11	34	11	4.5	**U**
106-93-4	1,2-Dibromoethane	12	37	12	4.5	**U**
127-18-4	Tetrachloroethene	14	42	14	5.6	**U**
100-41-4	Ethylbenzene	**21**	66	22	9.5	**J**
179601-23-1	m,p-Xylenes	**67**	130	43	18	**J**
75-25-2	Bromoform	17	28	17	5.9	**U**
100-42-5	Styrene	41	67	41	11	**U**
95-47-6	o-Xylene	**25**	67	22	9.8	**J**
108-67-8	1,3,5-Trimethylbenzene	19	59	19	8.6	**U**
95-63-6	1,2,4-Trimethylbenzene	**21**	58	19	8.3	**J**
120-82-1	1,2,4-Trichlorobenzene	24	74	24	9.7	**U**
91-20-3	Naphthalene	33	55	33	14	**U**
1330-20-7	Xylenes, Total	**92**	130	43	18	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SC00587

Initial Pressure (psig): -4.76 Final Pressure (psig): 6.40

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	99	160	99	40	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**17**	56	34	9.3	**J**
74-87-3	Chloromethane	82	130	82	22	**U**
75-01-4	Vinyl Chloride	35	110	35	12	**U**
106-99-0	1,3-Butadiene	77	120	77	21	**U**
75-00-3	Chloroethane	64	100	64	13	**U**
64-17-5	Ethanol	**1,600**	1,500	230	100	
67-64-1	Acetone	**270**	1,200	600	270	**J**
75-69-4	Trichlorofluoromethane	30	48	30	7.6	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**170**	220	140	47	**J**
75-09-2	Methylene Chloride	**110**	79	49	23	
76-13-1	Trichlorotrifluoroethane	**13**	37	12	5.3	**J**
75-15-0	Carbon Disulfide	92	170	92	27	**U**
75-34-3	1,1-Dichloroethane	43	71	43	10	**U**
78-93-3	2-Butanone (MEK)	**26**	180	58	20	**J**
141-78-6	Ethyl Acetate	**44**	150	96	41	**J, L**
110-54-3	n-Hexane	**20**	78	48	17	**J**
67-66-3	Chloroform	18	58	18	7.7	**U**
109-99-9	Tetrahydrofuran (THF)	31	180	31	12	**U**
107-06-2	1,2-Dichloroethane	22	68	22	7.7	**U**
71-43-2	Benzene	**380**	86	28	13	
56-23-5	Carbon Tetrachloride	**11**	43	14	6.2	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SC00587

Initial Pressure (psig): -4.76 Final Pressure (psig): 6.40

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	52	150	52	23	**U**
75-27-4	Bromodichloromethane	13	41	13	6.1	**U**
79-01-6	Trichloroethene	17	50	17	7.1	**U**
123-91-1	1,4-Dioxane	25	77	25	9.3	**U**
142-82-5	n-Heptane	41	67	41	11	**U**
108-10-1	4-Methyl-2-pentanone	22	130	22	9.4	**U**
108-88-3	Toluene	24	73	24	9.1	**U**
591-78-6	2-Hexanone	22	130	22	8.5	**U**
124-48-1	Dibromochloromethane	11	32	11	4.4	**U**
106-93-4	1,2-Dibromoethane	12	36	12	4.3	**U**
127-18-4	Tetrachloroethene	13	41	13	5.4	**U**
100-41-4	Ethylbenzene	21	63	21	9.2	**U**
179601-23-1	m,p-Xylenes	**21**	120	42	17	**J**
75-25-2	Bromoform	16	27	16	5.6	**U**
100-42-5	Styrene	40	65	40	11	**U**
95-47-6	o-Xylene	21	65	21	9.4	**U**
108-67-8	1,3,5-Trimethylbenzene	18	57	18	8.3	**U**
95-63-6	1,2,4-Trimethylbenzene	18	56	18	8.0	**U**
120-82-1	1,2,4-Trichlorobenzene	23	71	23	9.3	**U**
91-20-3	Naphthalene	31	53	31	13	**U**
1330-20-7	Xylenes, Total	**21**	120	42	17	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00477

Initial Pressure (psig): -3.69 Final Pressure (psig): 6.23

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	120	190	120	48	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**20**	67	41	11	**J**
74-87-3	Chloromethane	98	160	98	26	**U**
75-01-4	Vinyl Chloride	42	130	42	14	**U**
106-99-0	1,3-Butadiene	92	150	92	25	**U**
75-00-3	Chloroethane	77	120	77	16	**U**
64-17-5	Ethanol	**1,800**	1,800	280	120	**J**
67-64-1	Acetone	**340**	1,400	720	320	**J**
75-69-4	Trichlorofluoromethane	36	58	36	9.1	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**120**	260	160	57	**J**
75-09-2	Methylene Chloride	**100**	95	58	27	
76-13-1	Trichlorotrifluoroethane	**15**	44	14	6.3	**J**
75-15-0	Carbon Disulfide	110	200	110	33	**U**
75-34-3	1,1-Dichloroethane	52	85	52	12	**U**
78-93-3	2-Butanone (MEK)	**36**	210	69	24	**J**
141-78-6	Ethyl Acetate	110	180	110	49	**U, L**
110-54-3	n-Hexane	**35**	93	58	20	**J**
67-66-3	Chloroform	22	69	22	9.2	**U**
109-99-9	Tetrahydrofuran (THF)	37	210	37	14	**U**
107-06-2	1,2-Dichloroethane	27	81	27	9.2	**U**
71-43-2	Benzene	**780**	100	34	15	
56-23-5	Carbon Tetrachloride	**15**	51	17	7.5	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00477

Initial Pressure (psig): -3.69 Final Pressure (psig): 6.23

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**50**	180	63	28	**J**
75-27-4	Bromodichloromethane	16	49	16	7.3	**U**
79-01-6	Trichloroethene	20	60	20	8.5	**U**
123-91-1	1,4-Dioxane	30	91	30	11	**U**
142-82-5	n-Heptane	**13**	80	49	13	**J**
108-10-1	4-Methyl-2-pentanone	26	150	26	11	**U**
108-88-3	Toluene	29	87	29	11	**U**
591-78-6	2-Hexanone	26	150	26	10	**U**
124-48-1	Dibromochloromethane	13	39	13	5.2	**U**
106-93-4	1,2-Dibromoethane	14	43	14	5.1	**U**
127-18-4	Tetrachloroethene	16	49	16	6.4	**U**
100-41-4	Ethylbenzene	25	76	25	11	**U**
179601-23-1	m,p-Xylenes	**23**	150	50	20	**J**
75-25-2	Bromoform	20	32	20	6.7	**U**
100-42-5	Styrene	48	77	48	13	**U**
95-47-6	o-Xylene	25	77	25	11	**U**
108-67-8	1,3,5-Trimethylbenzene	22	68	22	9.9	**U**
95-63-6	1,2,4-Trimethylbenzene	22	67	22	9.5	**U**
120-82-1	1,2,4-Trichlorobenzene	27	85	27	11	**U**
91-20-3	Naphthalene	37	63	37	16	**U**
1330-20-7	Xylenes, Total	**23**	150	50	20	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00431

Initial Pressure (psig): -2.56 Final Pressure (psig): 6.48

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	320	530	320	130	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**41**	180	110	31	**J**
74-87-3	Chloromethane	270	440	270	72	**U**
75-01-4	Vinyl Chloride	120	360	120	39	**U**
106-99-0	1,3-Butadiene	250	410	250	69	**U**
75-00-3	Chloroethane	210	340	210	44	**U**
64-17-5	Ethanol	**6,300**	4,900	770	340	
67-64-1	Acetone	2,000	3,800	2,000	880	**U**
75-69-4	Trichlorofluoromethane	99	160	99	25	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**480**	710	450	160	**J**
75-09-2	Methylene Chloride	**270**	260	160	75	
76-13-1	Trichlorotrifluoroethane	**31**	120	39	17	**J**
75-15-0	Carbon Disulfide	300	560	300	89	**U**
75-34-3	1,1-Dichloroethane	140	230	140	34	**U**
78-93-3	2-Butanone (MEK)	**100**	590	190	65	**J**
141-78-6	Ethyl Acetate	**220**	480	310	140	**J, L**
110-54-3	n-Hexane	**7,100**	260	160	54	
67-66-3	Chloroform	61	190	61	25	**U**
109-99-9	Tetrahydrofuran (THF)	100	590	100	40	**U**
107-06-2	1,2-Dichloroethane	73	220	73	25	**U**
71-43-2	Benzene	**14,000**	280	93	42	
56-23-5	Carbon Tetrachloride	**36**	140	47	20	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00431

Initial Pressure (psig): -2.56 Final Pressure (psig): 6.48

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**24,000**	510	170	76	
75-27-4	Bromodichloromethane	44	140	44	20	**U**
79-01-6	Trichloroethene	55	170	55	23	**U**
123-91-1	1,4-Dioxane	82	250	82	30	**U**
142-82-5	n-Heptane	**700**	220	140	36	
108-10-1	4-Methyl-2-pentanone	72	420	72	31	**U**
108-88-3	Toluene	79	240	79	30	**U**
591-78-6	2-Hexanone	72	420	72	28	**U**
124-48-1	Dibromochloromethane	35	110	35	14	**U**
106-93-4	1,2-Dibromoethane	39	120	39	14	**U**
127-18-4	Tetrachloroethene	44	130	44	18	**U**
100-41-4	Ethylbenzene	68	210	68	30	**U**
179601-23-1	m,p-Xylenes	**130**	400	140	56	**J**
75-25-2	Bromoform	54	89	54	19	**U**
100-42-5	Styrene	130	210	130	35	**U**
95-47-6	o-Xylene	**640**	210	68	31	
108-67-8	1,3,5-Trimethylbenzene	**220**	190	60	27	
95-63-6	1,2,4-Trimethylbenzene	60	180	60	26	**U**
120-82-1	1,2,4-Trichlorobenzene	75	230	75	30	**U**
91-20-3	Naphthalene	100	170	100	43	**U**
1330-20-7	Xylenes, Total	**760**	400	140	56	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SS01183

Initial Pressure (psig): -4.73 Final Pressure (psig): 7.31

Container Dilution Factor: 2.21

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3,400**		2,200	1,400	560	
75-71-8	Dichlorodifluoromethane (CFC 12)	**190**		780	480	130	**J**
74-87-3	Chloromethane		1,100	1,900	1,100	310	**U**
75-01-4	Vinyl Chloride		490	1,500	490	160	**U**
106-99-0	1,3-Butadiene		1,100	1,700	1,100	290	**U**
75-00-3	Chloroethane		890	1,500	890	180	**U**
64-17-5	Ethanol	**31,000**		21,000	3,200	1,400	
67-64-1	Acetone		8,400	16,000	8,400	3,700	**U**
75-69-4	Trichlorofluoromethane		420	670	420	110	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,200**		3,000	1,900	660	**J**
75-09-2	Methylene Chloride	**1,100**		1,100	680	320	**J**
76-13-1	Trichlorotrifluoroethane		160	510	160	73	**U**
75-15-0	Carbon Disulfide		1,300	2,400	1,300	380	**U**
75-34-3	1,1-Dichloroethane		600	980	600	140	**U**
78-93-3	2-Butanone (MEK)	**360**		2,500	800	270	**J**
141-78-6	Ethyl Acetate	**1,100**		2,000	1,300	570	**J, L**
110-54-3	n-Hexane	**170,000**		1,100	670	230	
67-66-3	Chloroform		260	800	260	110	**U**
109-99-9	Tetrahydrofuran (THF)		420	2,500	420	170	**U**
107-06-2	1,2-Dichloroethane		310	950	310	110	**U**
71-43-2	Benzene	**42,000**		1,200	390	180	
56-23-5	Carbon Tetrachloride		200	600	200	87	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SS01183

Initial Pressure (psig): -4.73 Final Pressure (psig): 7.31

Container Dilution Factor: 2.21

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**210,000**		2,100	730	320	
75-27-4	Bromodichloromethane		190	570	190	85	**U**
79-01-6	Trichloroethene		230	700	230	99	**U**
123-91-1	1,4-Dioxane		350	1,100	350	130	**U**
142-82-5	n-Heptane	**46,000**		940	580	150	
108-10-1	4-Methyl-2-pentanone		310	1,800	310	130	**U**
108-88-3	Toluene	**5,400**		1,000	330	130	
591-78-6	2-Hexanone		310	1,800	310	120	**U**
124-48-1	Dibromochloromethane		150	450	150	61	**U**
106-93-4	1,2-Dibromoethane		160	500	160	59	**U**
127-18-4	Tetrachloroethene		180	570	180	75	**U**
100-41-4	Ethylbenzene	**440**		880	290	130	**J**
179601-23-1	m,p-Xylenes	**940**		1,700	580	240	**J**
75-25-2	Bromoform		230	380	230	78	**U**
100-42-5	Styrene		550	900	550	150	**U**
95-47-6	o-Xylene	**2,900**		900	290	130	
108-67-8	1,3,5-Trimethylbenzene	**420**		790	250	120	**J**
95-63-6	1,2,4-Trimethylbenzene		250	780	250	110	**U**
120-82-1	1,2,4-Trichlorobenzene		320	990	320	130	**U**
91-20-3	Naphthalene		440	730	440	180	**U**
1330-20-7	Xylenes, Total	**3,900**		1,700	580	240	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SS01184

Initial Pressure (psig): -3.95 Final Pressure (psig): 6.89

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	93	150	93	38	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**110**	53	33	8.8	
74-87-3	Chloromethane	**40**	130	78	21	**J**
75-01-4	Vinyl Chloride	33	100	33	11	**U**
106-99-0	1,3-Butadiene	73	120	73	20	**U**
75-00-3	Chloroethane	61	99	61	13	**U**
64-17-5	Ethanol	**3,300**	1,400	220	99	
67-64-1	Acetone	570	1,100	570	250	**U**
75-69-4	Trichlorofluoromethane	**13**	46	29	7.2	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**120**	200	130	45	**J**
75-09-2	Methylene Chloride	**75**	75	46	22	**J**
76-13-1	Trichlorotrifluoroethane	**35**	35	11	5.0	**J**
75-15-0	Carbon Disulfide	**60**	160	87	26	**J**
75-34-3	1,1-Dichloroethane	41	67	41	9.7	**U**
78-93-3	2-Butanone (MEK)	**28**	170	55	19	**J**
141-78-6	Ethyl Acetate	**64**	140	91	39	**J, L**
110-54-3	n-Hexane	**2,900**	74	46	16	
67-66-3	Chloroform	17	55	17	7.3	**U**
109-99-9	Tetrahydrofuran (THF)	**16**	170	29	11	**J**
107-06-2	1,2-Dichloroethane	21	65	21	7.3	**U**
71-43-2	Benzene	**2,200**	82	27	12	
56-23-5	Carbon Tetrachloride	14	41	14	5.9	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SS01184

Initial Pressure (psig): -3.95 Final Pressure (psig): 6.89

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3,900**	150	50	22	
75-27-4	Bromodichloromethane	13	39	13	5.8	**U**
79-01-6	Trichloroethene	16	48	16	6.7	**U**
123-91-1	1,4-Dioxane	24	73	24	8.8	**U**
142-82-5	n-Heptane	**1,100**	64	39	10	
108-10-1	4-Methyl-2-pentanone	21	120	21	9.0	**U**
108-88-3	Toluene	**820**	69	23	8.7	
591-78-6	2-Hexanone	21	120	21	8.1	**U**
124-48-1	Dibromochloromethane	10	31	10	4.1	**U**
106-93-4	1,2-Dibromoethane	11	34	11	4.1	**U**
127-18-4	Tetrachloroethene	13	39	13	5.1	**U**
100-41-4	Ethylbenzene	**30**	60	20	8.7	**J**
179601-23-1	m,p-Xylenes	**76**	120	39	16	**J**
75-25-2	Bromoform	16	26	16	5.3	**U**
100-42-5	Styrene	38	61	38	10	**U**
95-47-6	o-Xylene	**32**	61	20	8.9	**J**
108-67-8	1,3,5-Trimethylbenzene	17	54	17	7.9	**U**
95-63-6	1,2,4-Trimethylbenzene	17	53	17	7.6	**U**
120-82-1	1,2,4-Trichlorobenzene	22	68	22	8.8	**U**
91-20-3	Naphthalene	30	50	30	12	**U**
1330-20-7	Xylenes, Total	**110**	120	39	16	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00718

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.75

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	1.4	0.85	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**62**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.95	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.56	0.90	0.56	0.11	**U**
64-17-5	Ethanol	**10**	13	2.0	0.90	**J**
67-64-1	Acetone	**5.8**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**7.3**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**6.4**	0.32	0.10	0.045	
75-15-0	Carbon Disulfide	0.79	1.5	0.79	0.24	**U**
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**0.73**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	**14**	1.3	0.83	0.36	**L**
110-54-3	n-Hexane	**1.1**	0.68	0.42	0.14	
67-66-3	Chloroform	**0.19**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**0.25**	1.6	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.79**	0.74	0.24	0.11	
56-23-5	Carbon Tetrachloride	**6.4**	0.37	0.12	0.054	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00718

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.75

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.83**	1.3	0.45	0.20	**J**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**0.58**	0.58	0.36	0.095	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**1.0**	0.63	0.21	0.079	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**1.8**	0.35	0.11	0.047	
100-41-4	Ethylbenzene	**0.080**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**0.25**	1.1	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	**0.30**	0.56	0.18	0.081	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.088**	0.49	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.069	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**0.55**	1.1	0.36	0.15	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01357

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.66

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.87**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**68**	0.52	0.32	0.087	
74-87-3	Chloromethane	0.77	1.2	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**7.0**	14	2.2	0.97	**J**
67-64-1	Acetone	**4.2**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	**7.8**	0.45	0.28	0.071	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.77**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**7.0**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**0.40**	1.6	0.86	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.54**	1.7	0.54	0.18	**J**
141-78-6	Ethyl Acetate	**3.3**	1.4	0.89	0.38	**L**
110-54-3	n-Hexane	**0.18**	0.73	0.45	0.15	**J**
67-66-3	Chloroform	**0.17**	0.54	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**4.6**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.072	**U**
71-43-2	Benzene	**0.22**	0.81	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**7.0**	0.40	0.13	0.058	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01357

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.66

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.066	**U**
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.087	**U**
142-82-5	n-Heptane	**0.14**	0.63	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.088	**U**
108-88-3	Toluene	**0.77**	0.68	0.22	0.085	
591-78-6	2-Hexanone	0.21	1.2	0.21	0.080	**U**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.16**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	0.19	0.59	0.19	0.086	**U**
179601-23-1	m,p-Xylenes	0.39	1.1	0.39	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	0.19	0.60	0.19	0.088	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.078	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.075	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.39	1.1	0.39	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01158

Initial Pressure (psig): -4.50 Final Pressure (psig): 5.53

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.54**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**52**	0.52	0.32	0.087	
74-87-3	Chloromethane	0.77	1.2	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**2.6**	14	2.2	0.97	**J**
67-64-1	Acetone	**9.1**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	**4.2**	0.45	0.28	0.071	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.44	**U**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**3.6**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**2.6**	1.6	0.86	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.37**	1.7	0.54	0.18	**J**
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U, L**
110-54-3	n-Hexane	0.45	0.73	0.45	0.15	**U**
67-66-3	Chloroform	**0.18**	0.54	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**0.72**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.072	**U**
71-43-2	Benzene	**0.20**	0.81	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**3.4**	0.40	0.13	0.058	

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L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01158

Initial Pressure (psig): -4.50 Final Pressure (psig): 5.53

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.066	**U**
123-91-1	1,4-Dioxane	**0.13**	0.71	0.23	0.087	**J**
142-82-5	n-Heptane	0.39	0.63	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.088	**U**
108-88-3	Toluene	**0.34**	0.68	0.22	0.085	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.080	**U**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.15**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	0.19	0.59	0.19	0.086	**U**
179601-23-1	m,p-Xylenes	**0.17**	1.1	0.39	0.16	**J**
75-25-2	Bromoform	0.15	0.25	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	0.19	0.60	0.19	0.088	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.078	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.075	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**0.17**	1.1	0.39	0.16	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00021

Initial Pressure (psig): -3.70 Final Pressure (psig): 6.00

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	1.4	0.87	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**63**	0.49	0.30	0.083	
74-87-3	Chloromethane	0.73	1.2	0.73	0.20	**U**
75-01-4	Vinyl Chloride	0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.93	0.57	0.12	**U**
64-17-5	Ethanol	**2.7**	13	2.1	0.92	**J**
67-64-1	Acetone	**4.5**	10	5.3	2.4	**J**
75-69-4	Trichlorofluoromethane	**5.0**	0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.42	**U**
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**3.1**	0.33	0.10	0.047	
75-15-0	Carbon Disulfide	**9.0**	1.5	0.82	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.63	0.38	0.091	**U**
78-93-3	2-Butanone (MEK)	**0.71**	1.6	0.51	0.18	**J**
141-78-6	Ethyl Acetate	0.85	1.3	0.85	0.37	**U, L**
110-54-3	n-Hexane	**0.21**	0.69	0.43	0.15	**J**
67-66-3	Chloroform	**1.2**	0.51	0.16	0.068	
109-99-9	Tetrahydrofuran (THF)	**0.86**	1.6	0.27	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.069	**U**
71-43-2	Benzene	**0.27**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**11**	0.38	0.13	0.055	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00021

Initial Pressure (psig): -3.70 Final Pressure (psig): 6.00

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.4	0.46	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.054	**U**
79-01-6	Trichloroethene	**0.16**	0.45	0.15	0.063	**J**
123-91-1	1,4-Dioxane	**0.35**	0.68	0.22	0.082	**J**
142-82-5	n-Heptane	**0.14**	0.60	0.37	0.098	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.1	0.20	0.084	**U**
108-88-3	Toluene	**0.28**	0.65	0.21	0.081	**J**
591-78-6	2-Hexanone	**0.12**	1.1	0.20	0.076	**J**
124-48-1	Dibromochloromethane	0.094	0.29	0.094	0.039	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.13**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	0.18	0.56	0.18	0.081	**U**
179601-23-1	m,p-Xylenes	0.37	1.1	0.37	0.15	**U**
75-25-2	Bromoform	0.15	0.24	0.15	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.095	**U**
95-47-6	o-Xylene	0.18	0.57	0.18	0.083	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.51	0.16	0.074	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.50	0.16	0.071	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	0.37	1.1	0.37	0.15	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00044

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.75

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.5**	1.4	0.88	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**64**	0.50	0.31	0.083	
74-87-3	Chloromethane	0.73	1.2	0.73	0.20	**U**
75-01-4	Vinyl Chloride	0.31	0.98	0.31	0.11	**U**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.93	0.57	0.12	**U**
64-17-5	Ethanol	**5.8**	13	2.1	0.93	**J**
67-64-1	Acetone	**3.6**	10	5.4	2.4	**J**
75-69-4	Trichlorofluoromethane	**4.9**	0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.2**	1.9	1.2	0.42	
75-09-2	Methylene Chloride	**0.74**	0.71	0.44	0.20	
76-13-1	Trichlorotrifluoroethane	**3.1**	0.33	0.10	0.047	
75-15-0	Carbon Disulfide	**3.7**	1.5	0.82	0.24	
75-34-3	1,1-Dichloroethane	0.39	0.63	0.39	0.091	**U**
78-93-3	2-Butanone (MEK)	**4.6**	1.6	0.51	0.18	
141-78-6	Ethyl Acetate	**1.4**	1.3	0.85	0.37	**L**
110-54-3	n-Hexane	**0.18**	0.70	0.43	0.15	**J**
67-66-3	Chloroform	**1.2**	0.51	0.16	0.069	
109-99-9	Tetrahydrofuran (THF)	**2.4**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**0.25**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**12**	0.38	0.13	0.056	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00044

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.75

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.054	**U**
79-01-6	Trichloroethene	**0.18**	0.45	0.15	0.063	**J**
123-91-1	1,4-Dioxane	**0.083**	0.68	0.22	0.083	**J**
142-82-5	n-Heptane	**0.13**	0.60	0.37	0.098	**J**
108-10-1	4-Methyl-2-pentanone	**0.092**	1.2	0.20	0.084	**J**
108-88-3	Toluene	**1.0**	0.65	0.21	0.082	
591-78-6	2-Hexanone	**0.17**	1.2	0.20	0.076	**J**
124-48-1	Dibromochloromethane	0.094	0.29	0.094	0.039	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.15**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	**0.57**	0.57	0.19	0.082	
179601-23-1	m,p-Xylenes	**0.91**	1.1	0.37	0.15	**J**
75-25-2	Bromoform	0.15	0.24	0.15	0.050	**U**
100-42-5	Styrene	**0.12**	0.58	0.36	0.095	**J**
95-47-6	o-Xylene	**0.22**	0.58	0.19	0.084	**J**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.51	0.16	0.074	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.16**	0.50	0.16	0.071	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	**0.90**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**1.1**	1.1	0.37	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SS01135

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.70

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**11**	15	9.4	3.8	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**560**	5.3	3.3	0.89	
74-87-3	Chloromethane	7.9	13	7.9	2.1	**U**
75-01-4	Vinyl Chloride	3.4	11	3.4	1.1	**U**
106-99-0	1,3-Butadiene	7.3	12	7.3	2.0	**U**
75-00-3	Chloroethane	6.2	10	6.2	1.3	**U**
64-17-5	Ethanol	22	140	22	10	**U**
67-64-1	Acetone	58	110	58	26	**U**
75-69-4	Trichlorofluoromethane	**75**	4.6	2.9	0.73	
67-63-0	2-Propanol (Isopropyl Alcohol)	13	21	13	4.5	**U**
75-09-2	Methylene Chloride	4.7	7.6	4.7	2.2	**U**
76-13-1	Trichlorotrifluoroethane	**18**	3.5	1.1	0.50	
75-15-0	Carbon Disulfide	8.8	16	8.8	2.6	**U**
75-34-3	1,1-Dichloroethane	4.1	6.8	4.1	0.98	**U**
78-93-3	2-Butanone (MEK)	5.5	17	5.5	1.9	**U**
141-78-6	Ethyl Acetate	9.2	14	9.2	3.9	**U, L**
110-54-3	n-Hexane	4.6	7.5	4.6	1.6	**U**
67-66-3	Chloroform	1.8	5.5	1.8	0.74	**U**
109-99-9	Tetrahydrofuran (THF)	2.9	17	2.9	1.2	**U**
107-06-2	1,2-Dichloroethane	2.1	6.5	2.1	0.74	**U**
71-43-2	Benzene	**4.3**	8.3	2.7	1.2	**J**
56-23-5	Carbon Tetrachloride	**1.5**	4.1	1.4	0.60	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SS01135

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.70

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	5.0	15	5.0	2.2	**U**
75-27-4	Bromodichloromethane	1.3	3.9	1.3	0.58	**U**
79-01-6	Trichloroethene	1.6	4.8	1.6	0.68	**U**
123-91-1	1,4-Dioxane	2.4	7.3	2.4	0.89	**U**
142-82-5	n-Heptane	4.0	6.4	4.0	1.1	**U**
108-10-1	4-Methyl-2-pentanone	2.1	12	2.1	0.90	**U**
108-88-3	Toluene	2.3	7.0	2.3	0.88	**U**
591-78-6	2-Hexanone	2.1	12	2.1	0.82	**U**
124-48-1	Dibromochloromethane	1.0	3.1	1.0	0.42	**U**
106-93-4	1,2-Dibromoethane	1.1	3.4	1.1	0.41	**U**
127-18-4	Tetrachloroethene	**0.81**	3.9	1.3	0.52	**J**
100-41-4	Ethylbenzene	2.0	6.1	2.0	0.88	**U**
179601-23-1	m,p-Xylenes	4.0	12	4.0	1.6	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	3.8	6.2	3.8	1.0	**U**
95-47-6	o-Xylene	2.0	6.2	2.0	0.90	**U**
108-67-8	1,3,5-Trimethylbenzene	1.8	5.5	1.8	0.80	**U**
95-63-6	1,2,4-Trimethylbenzene	1.8	5.4	1.8	0.76	**U**
120-82-1	1,2,4-Trichlorobenzene	2.2	6.8	2.2	0.89	**U**
91-20-3	Naphthalene	3.0	5.0	3.0	1.3	**U**
1330-20-7	Xylenes, Total	4.0	12	4.0	1.6	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00015 Liter(s)
Container ID: 1SS00251

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.57

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**8,100**		1,100	670	270	
75-71-8	Dichlorodifluoromethane (CFC 12)	**630**		380	230	63	
74-87-3	Chloromethane		560	910	560	150	**U**
75-01-4	Vinyl Chloride		240	750	240	80	**U**
106-99-0	1,3-Butadiene		520	850	520	140	**U**
75-00-3	Chloroethane		440	710	440	90	**U**
64-17-5	Ethanol	**9,500**		10,000	1,600	710	**J**
67-64-1	Acetone		4,100	7,900	4,100	1,800	**U**
75-69-4	Trichlorofluoromethane	**110**		330	210	52	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**840**		1,500	920	320	**J**
75-09-2	Methylene Chloride	**510**		540	330	160	**J**
76-13-1	Trichlorotrifluoroethane		80	250	80	36	**U**
75-15-0	Carbon Disulfide		620	1,200	620	190	**U**
75-34-3	1,1-Dichloroethane		290	480	290	69	**U**
78-93-3	2-Butanone (MEK)	**160**		1,200	390	130	**J**
141-78-6	Ethyl Acetate	**360**		1,000	650	280	**J, L**
110-54-3	n-Hexane	**59,000**		530	330	110	
67-66-3	Chloroform		130	390	130	52	**U**
109-99-9	Tetrahydrofuran (THF)		210	1,200	210	82	**U**
107-06-2	1,2-Dichloroethane		150	460	150	52	**U**
71-43-2	Benzene	**4,800**		590	190	87	
56-23-5	Carbon Tetrachloride		97	290	97	42	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00015 Liter(s)
Container ID: 1SS00251

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.57

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**81,000**		1,000	360	160	
75-27-4	Bromodichloromethane		91	280	91	41	**U**
79-01-6	Trichloroethene		110	340	110	48	**U**
123-91-1	1,4-Dioxane		170	520	170	63	**U**
142-82-5	n-Heptane	**120,000**		1,500	940	250	**D**
108-10-1	4-Methyl-2-pentanone		150	880	150	64	**U**
108-88-3	Toluene	**21,000**		500	160	62	
591-78-6	2-Hexanone		150	880	150	58	**U**
124-48-1	Dibromochloromethane		72	220	72	30	**U**
106-93-4	1,2-Dibromoethane		80	240	80	29	**U**
127-18-4	Tetrachloroethene		90	280	90	37	**U**
100-41-4	Ethylbenzene	**1,500**		430	140	62	
179601-23-1	m,p-Xylenes	**14,000**		830	280	120	
75-25-2	Bromoform		110	180	110	38	**U**
100-42-5	Styrene		270	440	270	73	**U**
95-47-6	o-Xylene	**8,000**		440	140	64	
108-67-8	1,3,5-Trimethylbenzene	**1,500**		390	120	56	
95-63-6	1,2,4-Trimethylbenzene	**1,700**		380	120	54	
120-82-1	1,2,4-Trichlorobenzene		160	490	160	63	**U**
91-20-3	Naphthalene		210	360	210	89	**U**
1330-20-7	Xylenes, Total	**22,000**		830	280	120	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00991

Initial Pressure (psig): -3.58 Final Pressure (psig): 8.11

Container Dilution Factor: 2.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.5	0.95	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**17**	0.54	0.33	0.090	
74-87-3	Chloromethane	**0.24**	1.3	0.79	0.21	**J**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.74	1.2	0.74	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**4.3**	14	2.3	1.0	**J**
67-64-1	Acetone	**17**	11	5.8	2.6	
75-69-4	Trichlorofluoromethane	**1.9**	0.47	0.29	0.074	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.77**	2.1	1.3	0.46	**J**
75-09-2	Methylene Chloride	0.47	0.77	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**4.5**	0.35	0.11	0.051	
75-15-0	Carbon Disulfide	**1.9**	1.6	0.89	0.26	
75-34-3	1,1-Dichloroethane	0.42	0.68	0.42	0.099	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.7	0.56	0.19	
141-78-6	Ethyl Acetate	0.92	1.4	0.92	0.40	**U, L**
110-54-3	n-Hexane	**0.25**	0.76	0.47	0.16	**J**
67-66-3	Chloroform	**0.11**	0.56	0.18	0.075	**J**
109-99-9	Tetrahydrofuran (THF)	0.30	1.7	0.30	0.12	**U**
107-06-2	1,2-Dichloroethane	0.22	0.66	0.22	0.075	**U**
71-43-2	Benzene	**0.25**	0.83	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**1.3**	0.42	0.14	0.060	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00991

Initial Pressure (psig): -3.58 Final Pressure (psig): 8.11

Container Dilution Factor: 2.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.4**	1.5	0.51	0.22	**J**
75-27-4	Bromodichloromethane	0.13	0.40	0.13	0.059	**U**
79-01-6	Trichloroethene	**0.19**	0.49	0.16	0.069	**J**
123-91-1	1,4-Dioxane	0.24	0.74	0.24	0.090	**U**
142-82-5	n-Heptane	**0.67**	0.65	0.40	0.11	
108-10-1	4-Methyl-2-pentanone	**0.11**	1.3	0.21	0.091	**J**
108-88-3	Toluene	**0.95**	0.71	0.23	0.088	
591-78-6	2-Hexanone	**0.40**	1.3	0.21	0.083	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.081**	0.39	0.13	0.052	**J**
100-41-4	Ethylbenzene	**0.29**	0.61	0.20	0.089	**J**
179601-23-1	m,p-Xylenes	**3.8**	1.2	0.40	0.17	
75-25-2	Bromoform	0.16	0.26	0.16	0.055	**U**
100-42-5	Styrene	0.39	0.63	0.39	0.10	**U**
95-47-6	o-Xylene	**1.7**	0.63	0.20	0.091	
108-67-8	1,3,5-Trimethylbenzene	**0.47**	0.55	0.18	0.080	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.6**	0.54	0.18	0.077	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.69	0.22	0.090	**U**
91-20-3	Naphthalene	**0.29**	0.51	0.30	0.13	**J**
1330-20-7	Xylenes, Total	**5.5**	1.2	0.40	0.17	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00956

Initial Pressure (psig): -5.15 Final Pressure (psig): 5.93

Container Dilution Factor: 2.16

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.94**	1.6	1.0	0.41	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**22**	0.57	0.35	0.095	
74-87-3	Chloromethane	0.84	1.4	0.84	0.22	**U**
75-01-4	Vinyl Chloride	0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene	0.78	1.3	0.78	0.21	**U**
75-00-3	Chloroethane	0.66	1.1	0.66	0.14	**U**
64-17-5	Ethanol	**5.3**	15	2.4	1.1	**J**
67-64-1	Acetone	**4.8**	12	6.1	2.7	**J**
75-69-4	Trichlorofluoromethane	**2.3**	0.49	0.31	0.078	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.2	1.4	0.48	**U**
75-09-2	Methylene Chloride	0.50	0.81	0.50	0.23	**U**
76-13-1	Trichlorotrifluoroethane	**7.1**	0.37	0.12	0.054	
75-15-0	Carbon Disulfide	**1.1**	1.7	0.94	0.28	**J**
75-34-3	1,1-Dichloroethane	0.44	0.72	0.44	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.80**	1.8	0.59	0.20	**J**
141-78-6	Ethyl Acetate	0.97	1.5	0.97	0.42	**U, L**
110-54-3	n-Hexane	**1.1**	0.80	0.49	0.17	
67-66-3	Chloroform	**0.12**	0.59	0.19	0.079	**J**
109-99-9	Tetrahydrofuran (THF)	**47**	1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane	0.23	0.69	0.23	0.079	**U**
71-43-2	Benzene	**0.44**	0.88	0.29	0.13	**J**
56-23-5	Carbon Tetrachloride	**2.6**	0.44	0.15	0.064	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00956

Initial Pressure (psig): -5.15 Final Pressure (psig): 5.93

Container Dilution Factor: 2.16

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.92**		1.6	0.53	0.24	**J**
75-27-4	Bromodichloromethane		0.14	0.42	0.14	0.062	**U**
79-01-6	Trichloroethene		0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	**0.12**		0.78	0.25	0.094	**J**
142-82-5	n-Heptane	**3.2**		0.69	0.42	0.11	
108-10-1	4-Methyl-2-pentanone		0.22	1.3	0.22	0.096	**U**
108-88-3	Toluene	**2.5**		0.75	0.24	0.093	
591-78-6	2-Hexanone		0.22	1.3	0.22	0.087	**U**
124-48-1	Dibromochloromethane		0.11	0.33	0.11	0.044	**U**
106-93-4	1,2-Dibromoethane	**0.065**		0.37	0.12	0.044	**J**
127-18-4	Tetrachloroethene	**0.13**		0.41	0.14	0.055	**J**
100-41-4	Ethylbenzene	**0.56**		0.65	0.21	0.093	**J**
179601-23-1	m,p-Xylenes	**7.4**		1.2	0.42	0.17	
75-25-2	Bromoform		0.17	0.28	0.17	0.057	**U**
100-42-5	Styrene		0.41	0.66	0.41	0.11	**U**
95-47-6	o-Xylene	**2.8**		0.66	0.21	0.096	
108-67-8	1,3,5-Trimethylbenzene	**0.64**		0.58	0.19	0.085	
95-63-6	1,2,4-Trimethylbenzene	**1.8**		0.57	0.19	0.081	
120-82-1	1,2,4-Trichlorobenzene		0.23	0.73	0.23	0.095	**U**
91-20-3	Naphthalene	**0.22**		0.54	0.32	0.13	**J**
1330-20-7	Xylenes, Total	**10**		1.2	0.42	0.17	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00139

Initial Pressure (psig): -4.21 Final Pressure (psig): 8.85

Container Dilution Factor: 2.24

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	1.7	1.0	0.42	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	0.59	0.36	0.099	
74-87-3	Chloromethane	**0.42**	1.4	0.87	0.23	**J**
75-01-4	Vinyl Chloride	0.37	1.2	0.37	0.12	**U**
106-99-0	1,3-Butadiene	0.81	1.3	0.81	0.22	**U**
75-00-3	Chloroethane	0.68	1.1	0.68	0.14	**U**
64-17-5	Ethanol	**2.4**	16	2.5	1.1	**J**
67-64-1	Acetone	**9.4**	12	6.4	2.8	**J**
75-69-4	Trichlorofluoromethane	**1.1**	0.51	0.32	0.081	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.3	1.4	0.50	**U**
75-09-2	Methylene Chloride	0.52	0.84	0.52	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**2.7**	0.39	0.12	0.056	
75-15-0	Carbon Disulfide	**2.1**	1.8	0.97	0.29	
75-34-3	1,1-Dichloroethane	0.46	0.75	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**1.9**	1.9	0.61	0.21	
141-78-6	Ethyl Acetate	1.0	1.6	1.0	0.44	**U, L**
110-54-3	n-Hexane	**0.19**	0.83	0.51	0.17	**J**
67-66-3	Chloroform	**0.27**	0.61	0.20	0.081	**J**
109-99-9	Tetrahydrofuran (THF)	**0.81**	1.9	0.32	0.13	**J**
107-06-2	1,2-Dichloroethane	0.24	0.72	0.24	0.082	**U**
71-43-2	Benzene	**0.24**	0.91	0.30	0.14	**J**
56-23-5	Carbon Tetrachloride	**1.2**	0.45	0.15	0.066	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00139

Initial Pressure (psig): -4.21 Final Pressure (psig): 8.85

Container Dilution Factor: 2.24

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.55	1.6	0.55	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.43	0.14	0.064	**U**
79-01-6	Trichloroethene	0.18	0.53	0.18	0.075	**U**
123-91-1	1,4-Dioxane	0.26	0.81	0.26	0.098	**U**
142-82-5	n-Heptane	**0.43**	0.71	0.44	0.12	**J**
108-10-1	4-Methyl-2-pentanone	**0.15**	1.4	0.23	0.10	**J**
108-88-3	Toluene	**0.49**	0.77	0.25	0.097	**J**
591-78-6	2-Hexanone	**0.32**	1.4	0.23	0.090	**J**
124-48-1	Dibromochloromethane	0.11	0.34	0.11	0.046	**U**
106-93-4	1,2-Dibromoethane	0.12	0.38	0.12	0.045	**U**
127-18-4	Tetrachloroethene	**0.22**	0.43	0.14	0.057	**J**
100-41-4	Ethylbenzene	**0.10**	0.67	0.22	0.097	**J**
179601-23-1	m,p-Xylenes	**1.1**	1.3	0.44	0.18	**J**
75-25-2	Bromoform	0.17	0.29	0.17	0.060	**U**
100-42-5	Styrene	0.42	0.68	0.42	0.11	**U**
95-47-6	o-Xylene	**0.45**	0.68	0.22	0.099	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.099**	0.60	0.19	0.088	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.26**	0.59	0.19	0.084	**J**
120-82-1	1,2,4-Trichlorobenzene	0.24	0.75	0.24	0.098	**U**
91-20-3	Naphthalene	0.33	0.56	0.33	0.14	**U**
1330-20-7	Xylenes, Total	**1.5**	1.3	0.44	0.18	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00836

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.70

Container Dilution Factor: 1.77

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	22	36	22	8.9	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**18**	12	7.6	2.1	
74-87-3	Chloromethane	18	30	18	4.9	**U**
75-01-4	Vinyl Chloride	7.9	24	7.9	2.6	**U**
106-99-0	1,3-Butadiene	17	28	17	4.7	**U**
75-00-3	Chloroethane	14	23	14	3.0	**U**
64-17-5	Ethanol	**1,600**	330	52	23	
67-64-1	Acetone	130	260	130	60	**U**
75-69-4	Trichlorofluoromethane	**2.9**	11	6.7	1.7	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**37**	48	30	11	**J**
75-09-2	Methylene Chloride	**48**	18	11	5.1	
76-13-1	Trichlorotrifluoroethane	**5.3**	8.2	2.6	1.2	**J**
75-15-0	Carbon Disulfide	20	38	20	6.1	**U**
75-34-3	1,1-Dichloroethane	9.6	16	9.6	2.3	**U**
78-93-3	2-Butanone (MEK)	**9.3**	40	13	4.4	**J**
141-78-6	Ethyl Acetate	**25**	33	21	9.2	**J, L**
110-54-3	n-Hexane	**87**	17	11	3.7	
67-66-3	Chloroform	4.1	13	4.1	1.7	**U**
109-99-9	Tetrahydrofuran (THF)	**3.8**	40	6.8	2.7	**J**
107-06-2	1,2-Dichloroethane	5.0	15	5.0	1.7	**U**
71-43-2	Benzene	**1,600**	19	6.3	2.8	
56-23-5	Carbon Tetrachloride	**6.0**	9.6	3.2	1.4	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00836

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.70

Container Dilution Factor: 1.77

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**160**	34	12	5.1	
75-27-4	Bromodichloromethane	3.0	9.2	3.0	1.4	**U**
79-01-6	Trichloroethene	3.7	11	3.7	1.6	**U**
123-91-1	1,4-Dioxane	5.6	17	5.6	2.1	**U**
142-82-5	n-Heptane	**75**	15	9.2	2.4	
108-10-1	4-Methyl-2-pentanone	4.9	29	4.9	2.1	**U**
108-88-3	Toluene	5.3	16	5.3	2.0	**U**
591-78-6	2-Hexanone	4.9	29	4.9	1.9	**U**
124-48-1	Dibromochloromethane	2.4	7.2	2.4	0.97	**U**
106-93-4	1,2-Dibromoethane	2.6	8.0	2.6	0.95	**U**
127-18-4	Tetrachloroethene	3.0	9.1	3.0	1.2	**U**
100-41-4	Ethylbenzene	**2.8**	14	4.6	2.0	**J**
179601-23-1	m,p-Xylenes	**13**	27	9.2	3.8	**J**
75-25-2	Bromoform	3.7	6.1	3.7	1.3	**U**
100-42-5	Styrene	8.9	14	8.9	2.4	**U**
95-47-6	o-Xylene	**7.7**	14	4.6	2.1	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.6**	13	4.1	1.8	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.4**	12	4.1	1.8	**J**
120-82-1	1,2,4-Trichlorobenzene	5.1	16	5.1	2.1	**U**
91-20-3	Naphthalene	7.0	12	7.0	2.9	**U**
1330-20-7	Xylenes, Total	**21**	27	9.2	3.8	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01003

Initial Pressure (psig): -5.01 Final Pressure (psig): 6.08

Container Dilution Factor: 2.14

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**87**	43	27	11	
75-71-8	Dichlorodifluoromethane (CFC 12)	**52**	15	9.2	2.5	
74-87-3	Chloromethane	22	36	22	5.9	**U**
75-01-4	Vinyl Chloride	9.5	30	9.5	3.2	**U**
106-99-0	1,3-Butadiene	21	34	21	5.7	**U**
75-00-3	Chloroethane	17	28	17	3.6	**U**
64-17-5	Ethanol	**460**	400	63	28	
67-64-1	Acetone	160	310	160	72	**U**
75-69-4	Trichlorofluoromethane	**6.7**	13	8.1	2.1	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**29**	58	37	13	**J**
75-09-2	Methylene Chloride	**22**	21	13	6.2	
76-13-1	Trichlorotrifluoroethane	**3.4**	9.9	3.2	1.4	**J**
75-15-0	Carbon Disulfide	25	46	25	7.3	**U**
75-34-3	1,1-Dichloroethane	12	19	12	2.8	**U**
78-93-3	2-Butanone (MEK)	15	48	15	5.3	**U**
141-78-6	Ethyl Acetate	26	40	26	11	**U, L**
110-54-3	n-Hexane	**250**	21	13	4.5	
67-66-3	Chloroform	5.0	15	5.0	2.1	**U**
109-99-9	Tetrahydrofuran (THF)	8.2	48	8.2	3.2	**U**
107-06-2	1,2-Dichloroethane	6.0	18	6.0	2.1	**U**
71-43-2	Benzene	**130**	23	7.6	3.4	
56-23-5	Carbon Tetrachloride	3.9	12	3.9	1.7	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01003

Initial Pressure (psig): -5.01 Final Pressure (psig): 6.08

Container Dilution Factor: 2.14

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2,500**	41	14	6.2	
75-27-4	Bromodichloromethane	3.6	11	3.6	1.6	**U**
79-01-6	Trichloroethene	**3.9**	14	4.5	1.9	**J**
123-91-1	1,4-Dioxane	6.7	21	6.7	2.5	**U**
142-82-5	n-Heptane	**44**	18	11	3.0	
108-10-1	4-Methyl-2-pentanone	5.9	35	5.9	2.5	**U**
108-88-3	Toluene	6.4	20	6.4	2.5	**U**
591-78-6	2-Hexanone	5.9	35	5.9	2.3	**U**
124-48-1	Dibromochloromethane	2.8	8.7	2.8	1.2	**U**
106-93-4	1,2-Dibromoethane	3.2	9.7	3.2	1.2	**U**
127-18-4	Tetrachloroethene	3.6	11	3.6	1.5	**U**
100-41-4	Ethylbenzene	**2.6**	17	5.6	2.5	**J**
179601-23-1	m,p-Xylenes	**8.0**	33	11	4.6	**J**
75-25-2	Bromoform	4.4	7.3	4.4	1.5	**U**
100-42-5	Styrene	11	17	11	2.9	**U**
95-47-6	o-Xylene	**10**	17	5.6	2.5	**J**
108-67-8	1,3,5-Trimethylbenzene	**12**	15	4.9	2.2	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.1**	15	4.9	2.1	**J**
120-82-1	1,2,4-Trichlorobenzene	6.2	19	6.2	2.5	**U**
91-20-3	Naphthalene	8.4	14	8.4	3.5	**U**
1330-20-7	Xylenes, Total	**18**	33	11	4.6	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01366

Initial Pressure (psig): -2.69 Final Pressure (psig): 7.56

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	69	110	69	28	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**50**	39	24	6.5	
74-87-3	Chloromethane	57	93	57	15	**U**
75-01-4	Vinyl Chloride	25	77	25	8.3	**U**
106-99-0	1,3-Butadiene	54	87	54	15	**U**
75-00-3	Chloroethane	45	73	45	9.3	**U**
64-17-5	Ethanol	**880**	1,000	160	73	**J**
67-64-1	Acetone	420	810	420	190	**U**
75-69-4	Trichlorofluoromethane	**6.8**	34	21	5.3	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**47**	150	95	33	**J**
75-09-2	Methylene Chloride	**33**	55	34	16	**J**
76-13-1	Trichlorotrifluoroethane	8.2	26	8.2	3.7	**U**
75-15-0	Carbon Disulfide	64	120	64	19	**U**
75-34-3	1,1-Dichloroethane	30	49	30	7.1	**U**
78-93-3	2-Butanone (MEK)	40	130	40	14	**U**
141-78-6	Ethyl Acetate	67	100	67	29	**U, L**
110-54-3	n-Hexane	**240**	55	34	12	
67-66-3	Chloroform	13	40	13	5.4	**U**
109-99-9	Tetrahydrofuran (THF)	21	130	21	8.4	**U**
107-06-2	1,2-Dichloroethane	16	48	16	5.4	**U**
71-43-2	Benzene	**120**	60	20	8.9	
56-23-5	Carbon Tetrachloride	10	30	10	4.4	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01366

Initial Pressure (psig): -2.69 Final Pressure (psig): 7.56

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2,300**	110	37	16	
75-27-4	Bromodichloromethane	9.4	29	9.4	4.3	**U**
79-01-6	Trichloroethene	12	35	12	5.0	**U**
123-91-1	1,4-Dioxane	17	53	17	6.5	**U**
142-82-5	n-Heptane	**43**	47	29	7.7	**J**
108-10-1	4-Methyl-2-pentanone	15	90	15	6.6	**U**
108-88-3	Toluene	17	51	17	6.4	**U**
591-78-6	2-Hexanone	15	90	15	6.0	**U**
124-48-1	Dibromochloromethane	7.4	23	7.4	3.0	**U**
106-93-4	1,2-Dibromoethane	8.2	25	8.2	3.0	**U**
127-18-4	Tetrachloroethene	9.3	28	9.3	3.8	**U**
100-41-4	Ethylbenzene	14	44	14	6.4	**U**
179601-23-1	m,p-Xylenes	**13**	85	29	12	**J**
75-25-2	Bromoform	11	19	11	3.9	**U**
100-42-5	Styrene	28	45	28	7.5	**U**
95-47-6	o-Xylene	**12**	45	14	6.6	**J**
108-67-8	1,3,5-Trimethylbenzene	**11**	40	13	5.8	**J**
95-63-6	1,2,4-Trimethylbenzene	13	39	13	5.6	**U**
120-82-1	1,2,4-Trichlorobenzene	16	50	16	6.5	**U**
91-20-3	Naphthalene	22	37	22	9.2	**U**
1330-20-7	Xylenes, Total	**24**	85	29	12	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U, L**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U, L**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U, L**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101875

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/19 - 4/21/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210419-MB	**106**	**104**	**91**	70-130	
Method Blank	P210420-MB	**104**	**102**	**95**	70-130	
Method Blank	P210421-MB	**105**	**102**	**94**	70-130	
Lab Control Sample	P210419-LCS	**103**	**97**	**92**	70-130	
Lab Control Sample	P210420-LCS	**101**	**98**	**94**	70-130	
Lab Control Sample	P210421-LCS	**101**	**98**	**93**	70-130	
Duplicate Lab Control Sample	P210419-DLCS	**103**	**98**	**91**	70-130	
Duplicate Lab Control Sample	P210420-DLCS	**101**	**98**	**94**	70-130	
Duplicate Lab Control Sample	P210421-DLCS	**102**	**98**	**93**	70-130	
SV028-150-212	P2101875-001	**104**	**102**	**95**	70-130	
SV028-250-212	P2101875-002	**103**	**101**	**96**	70-130	
SV028-350-212	P2101875-003	**103**	**102**	**96**	70-130	
SV028-450-212	P2101875-004	**106**	**100**	**95**	70-130	
SV111-025-212	P2101875-005	**103**	**101**	**94**	70-130	
SV111-050-212	P2101875-006	**102**	**102**	**97**	70-130	
SV111-050-612	P2101875-007	**102**	**102**	**99**	70-130	
SV111-150-212	P2101875-008	**105**	**101**	**94**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101875

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/19 - 4/21/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV111-250-212	P2101875-009	**105**	**100**	**93**	70-130	
SV111-350-212	P2101875-010	**104**	**99**	**93**	70-130	
SV111-450-212	P2101875-011	**105**	**100**	**93**	70-130	
SV114-025-212	P2101875-012	**106**	**100**	**95**	70-130	
SV114-050-212	P2101875-013	**107**	**100**	**95**	70-130	
SV114-150-212	P2101875-014	**105**	**100**	**95**	70-130	
SV114-250-612	P2101875-015	**105**	**100**	**95**	70-130	
SV114-250-212	P2101875-016	**102**	**102**	**99**	70-130	
SV114-350-212	P2101875-017	**102**	**101**	**97**	70-130	
SV114-450-212	P2101875-018	**104**	**92**	**87**	70-130	
SV116-025-212	P2101875-019	**103**	**102**	**98**	70-130	
SV116-050-212	P2101875-020	**103**	**102**	**97**	70-130	
SV116-150-212	P2101875-021	**104**	**101**	**95**	70-130	
SV116-250-212	P2101875-022	**105**	**98**	**92**	70-130	
SV116-350-212	P2101875-023	**104**	**93**	**89**	70-130	
SV116-350-612	P2101875-024	**106**	**99**	**92**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	126	118	**103**	**97**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.7	38.2	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	99.8	107	104	**107**	**104**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	85.7	83.7	**105**	**103**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	111	108	**117**	**114**	66-134	3	25	
75-00-3	Chloroethane	77.3	82.5	82.3	**107**	**106**	63-127	0.9	25	
64-17-5	Ethanol	530	555	549	**105**	**104**	59-125	1	25	
67-64-1	Acetone	435	441	437	**101**	**100**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	34.1	33.4	**94**	**92**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	174	175	**105**	**105**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	59.3	58.9	**99**	**98**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.5	25.2	**91**	**90**	66-126	1	25	
75-15-0	Carbon Disulfide	137	142	140	**104**	**102**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	51.2	51.2	**98**	**98**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	146	146	**104**	**104**	67-130	0	25	
141-78-6	Ethyl Acetate	117	164	162	**140**	**138**	65-128	1	25	**L**
110-54-3	n-Hexane	60.2	59.2	58.7	**98**	**98**	63-120	0	25	
67-66-3	Chloroform	43.8	42.0	41.6	**96**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	133	132	**98**	**97**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	52.1	51.6	**101**	**100**	65-128	1	25	
71-43-2	Benzene	63.9	55.8	55.6	**87**	**87**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	31.5	31.2	**94**	**93**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	118	118	**98**	**98**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	31.3	31.0	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	38.3	35.9	35.8	**94**	**93**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	52.6	52.5	**91**	**91**	71-122	0	25	
142-82-5	n-Heptane	51.3	51.1	51.1	**100**	**100**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	114	114	**112**	**112**	67-130	0	25	
108-88-3	Toluene	54.7	49.4	49.3	**90**	**90**	66-119	0	25	
591-78-6	2-Hexanone	98.7	110	110	**111**	**111**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	25.4	25.2	**103**	**102**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	27.2	27.1	**100**	**100**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	27.2	26.9	**89**	**88**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	45.4	45.1	**96**	**95**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	89.7	89.0	**95**	**94**	61-134	1	25	
75-25-2	Bromoform	20.1	21.3	21.0	**106**	**104**	66-139	2	25	
100-42-5	Styrene	48.4	45.0	44.8	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	47.4	45.7	45.2	**96**	**95**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	40.3	39.9	**96**	**95**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	41.6	41.1	**100**	**99**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	51.2	50.8	**98**	**97**	55-142	1	25	
91-20-3	Naphthalene	37.8	39.1	39.2	**103**	**104**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	116	112	**95**	**92**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	38.2	37.4	**90**	**88**	59-128	2	25	
74-87-3	Chloromethane	99.8	103	100	**103**	**100**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	82.6	81.1	**101**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	107	104	**113**	**109**	66-134	4	25	
75-00-3	Chloroethane	77.3	81.5	79.8	**105**	**103**	63-127	2	25	
64-17-5	Ethanol	530	524	519	**99**	**98**	59-125	1	25	
67-64-1	Acetone	435	422	416	**97**	**96**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	33.1	32.7	**91**	**90**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	165	164	**99**	**99**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	58.0	57.0	**97**	**95**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.1	25.1	**90**	**90**	66-126	0	25	
75-15-0	Carbon Disulfide	137	137	135	**100**	**99**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	49.6	49.1	**95**	**94**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	141	141	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	117	153	153	**131**	**131**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	55.2	55.3	**92**	**92**	63-120	0	25	
67-66-3	Chloroform	43.8	40.5	40.2	**92**	**92**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	128	127	**94**	**93**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	49.5	49.5	**96**	**96**	65-128	0	25	
71-43-2	Benzene	63.9	54.2	53.9	**85**	**84**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.6	30.3	**92**	**91**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	115	115	**95**	**95**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	30.1	30.1	**96**	**96**	72-128	0	25	
79-01-6	Trichloroethene	38.3	35.3	35.3	**92**	**92**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	51.1	51.1	**89**	**89**	71-122	0	25	
142-82-5	n-Heptane	51.3	49.6	49.4	**97**	**96**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	108	108	**106**	**106**	67-130	0	25	
108-88-3	Toluene	54.7	48.1	48.1	**88**	**88**	66-119	0	25	
591-78-6	2-Hexanone	98.7	102	103	**103**	**104**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.8	24.7	**100**	**100**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	26.7	26.6	**99**	**98**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	26.5	26.5	**87**	**87**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	44.1	44.2	**93**	**93**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	86.8	86.9	**91**	**92**	61-134	1	25	
75-25-2	Bromoform	20.1	20.7	20.8	**103**	**103**	66-139	0	25	
100-42-5	Styrene	48.4	43.8	43.8	**90**	**90**	73-127	0	25	
95-47-6	o-Xylene	47.4	44.1	44.2	**93**	**93**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	38.7	38.8	**92**	**93**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.6	39.7	**95**	**96**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	48.6	49.0	**93**	**94**	55-142	1	25	
91-20-3	Naphthalene	37.8	36.9	37.3	**98**	**99**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	114	113	**93**	**93**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.8	37.8	**89**	**89**	59-128	0	25	
74-87-3	Chloromethane	99.8	105	103	**105**	**103**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	82.0	81.7	**101**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	107	107	**113**	**113**	66-134	0	25	
75-00-3	Chloroethane	77.3	80.7	80.7	**104**	**104**	63-127	0	25	
64-17-5	Ethanol	530	528	531	**100**	**100**	59-125	0	25	
67-64-1	Acetone	435	421	423	**97**	**97**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	32.6	32.9	**90**	**91**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	166	168	**100**	**101**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	57.1	57.5	**95**	**96**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.5	24.9	**88**	**89**	66-126	1	25	
75-15-0	Carbon Disulfide	137	135	136	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	49.2	49.8	**94**	**95**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	140	142	**100**	**101**	67-130	1	25	
141-78-6	Ethyl Acetate	117	153	155	**131**	**132**	65-128	0.8	25	**L**
110-54-3	n-Hexane	60.2	55.5	56.2	**92**	**93**	63-120	1	25	
67-66-3	Chloroform	43.8	40.0	40.3	**91**	**92**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	127	129	**93**	**95**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	49.0	49.9	**95**	**97**	65-128	2	25	
71-43-2	Benzene	63.9	53.5	54.0	**84**	**85**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.0	30.4	**90**	**91**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	114	115	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.7	30.1	**95**	**96**	72-128	1	25	
79-01-6	Trichloroethene	38.3	34.6	35.1	**90**	**92**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	50.5	50.9	**88**	**88**	71-122	0	25	
142-82-5	n-Heptane	51.3	49.0	49.7	**96**	**97**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	108	109	**106**	**107**	67-130	0.9	25	
108-88-3	Toluene	54.7	47.2	48.0	**86**	**88**	66-119	2	25	
591-78-6	2-Hexanone	98.7	102	104	**103**	**105**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	23.9	24.4	**97**	**99**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	26.0	26.5	**96**	**98**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	25.7	26.2	**85**	**86**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	43.1	43.8	**91**	**92**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	86.8	88.3	**91**	**93**	61-134	2	25	
75-25-2	Bromoform	20.1	19.9	20.3	**99**	**101**	66-139	2	25	
100-42-5	Styrene	48.4	42.6	43.4	**88**	**90**	73-127	2	25	
95-47-6	o-Xylene	47.4	43.1	43.9	**91**	**93**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.9	38.7	**90**	**92**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	38.7	39.5	**93**	**95**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	47.3	48.4	**90**	**93**	55-142	3	25	
91-20-3	Naphthalene	37.8	35.8	36.9	**95**	**98**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00704

Initial Pressure (psig): -3.51 Final Pressure (psig): 12.82

Container Dilution Factor: 2.46

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	2.0	3.2	2.0	0.80	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.1**	3.2	2.0	0.54	
74-87-3	Chloromethane	2.0	3.2	2.0	0.53	**U**
75-01-4	Vinyl Chloride	1.0	3.3	1.0	0.35	**U**
106-99-0	1,3-Butadiene	2.0	3.2	2.0	0.54	**U**
75-00-3	Chloroethane	2.0	3.2	2.0	0.41	**U**
64-17-5	Ethanol	**11**	33	5.1	2.3	**J**
67-64-1	Acetone	17	32	17	7.4	**U**
75-69-4	Trichlorofluoromethane	**2.1**	3.1	2.0	0.50	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.9	6.2	3.9	1.4	**U**
75-09-2	Methylene Chloride	2.0	3.2	2.0	0.92	**U**
76-13-1	Trichlorotrifluoroethane	**0.47**	3.3	1.0	0.47	**J**
75-15-0	Carbon Disulfide	3.3	6.2	3.3	0.98	**U**
75-34-3	1,1-Dichloroethane	2.0	3.3	2.0	0.48	**U**
78-93-3	2-Butanone (MEK)	2.0	6.2	2.0	0.68	**U**
141-78-6	Ethyl Acetate	4.0	6.2	4.0	1.7	**U, L**
110-54-3	n-Hexane	2.0	3.2	2.0	0.68	**U**
67-66-3	Chloroform	1.0	3.3	1.0	0.44	**U**
109-99-9	Tetrahydrofuran (THF)	**24**	6.2	1.0	0.41	
107-06-2	1,2-Dichloroethane	1.0	3.2	1.0	0.36	**U**
71-43-2	Benzene	**0.89**	3.2	1.0	0.47	**J**
56-23-5	Carbon Tetrachloride	1.0	3.1	1.0	0.46	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00704

Initial Pressure (psig): -3.51 Final Pressure (psig): 12.82

Container Dilution Factor: 2.46

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.1	6.2	2.1	0.92	**U**
75-27-4	Bromodichloromethane	1.0	3.2	1.0	0.47	**U**
79-01-6	Trichloroethene	1.0	3.1	1.0	0.44	**U**
123-91-1	1,4-Dioxane	1.0	3.2	1.0	0.39	**U**
142-82-5	n-Heptane	2.0	3.2	2.0	0.52	**U**
108-10-1	4-Methyl-2-pentanone	1.0	6.2	1.0	0.45	**U**
108-88-3	Toluene	**0.84**	3.2	1.0	0.40	**J**
591-78-6	2-Hexanone	1.0	6.2	1.0	0.41	**U**
124-48-1	Dibromochloromethane	1.0	3.2	1.0	0.43	**U**
106-93-4	1,2-Dibromoethane	1.0	3.2	1.0	0.38	**U**
127-18-4	Tetrachloroethene	**0.78**	3.2	1.0	0.42	**J**
100-41-4	Ethylbenzene	1.0	3.2	1.0	0.46	**U**
179601-23-1	m,p-Xylenes	2.1	6.2	2.1	0.86	**U**
75-25-2	Bromoform	2.0	3.3	2.0	0.68	**U**
100-42-5	Styrene	2.0	3.2	2.0	0.53	**U**
95-47-6	o-Xylene	1.0	3.3	1.0	0.47	**U**
108-67-8	1,3,5-Trimethylbenzene	1.0	3.3	1.0	0.47	**U**
95-63-6	1,2,4-Trimethylbenzene	1.0	3.2	1.0	0.46	**U**
120-82-1	1,2,4-Trichlorobenzene	2.0	6.2	2.0	0.80	**U**
91-20-3	Naphthalene	1.9	3.2	1.9	0.80	**U**
1330-20-7	Xylenes, Total	2.1	6.2	2.1	0.86	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01186

Initial Pressure (psig): -3.03 Final Pressure (psig): 6.58

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.2**	2.4	1.5	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**8.9**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**12**	24	3.8	1.7	**J**
67-64-1	Acetone	12	24	12	5.5	**U**
75-69-4	Trichlorofluoromethane	**3.0**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	**7.3**	4.6	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**0.36**	2.4	0.77	0.35	**J**
75-15-0	Carbon Disulfide	2.5	4.6	2.5	0.73	**U**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**3.1**	4.6	1.5	0.50	**J**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U, L**
110-54-3	n-Hexane	1.5	2.4	1.5	0.50	**U**
67-66-3	Chloroform	0.77	2.4	0.77	0.32	**U**
109-99-9	Tetrahydrofuran (THF)	**6.2**	4.6	0.77	0.30	
107-06-2	1,2-Dichloroethane	0.77	2.4	0.77	0.27	**U**
71-43-2	Benzene	**0.45**	2.4	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	0.77	2.3	0.77	0.34	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01186

Initial Pressure (psig): -3.03 Final Pressure (psig): 6.58

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.6	1.5	0.68	**U**
75-27-4	Bromodichloromethane	0.77	2.4	0.77	0.35	**U**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.33	**U**
123-91-1	1,4-Dioxane	0.77	2.4	0.77	0.29	**U**
142-82-5	n-Heptane	1.5	2.4	1.5	0.39	**U**
108-10-1	4-Methyl-2-pentanone	0.77	4.6	0.77	0.33	**U**
108-88-3	Toluene	0.77	2.4	0.77	0.30	**U**
591-78-6	2-Hexanone	**0.37**	4.6	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.4	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.4	0.77	0.28	**U**
127-18-4	Tetrachloroethene	0.77	2.4	0.77	0.31	**U**
100-41-4	Ethylbenzene	0.77	2.4	0.77	0.34	**U**
179601-23-1	m,p-Xylenes	1.5	4.6	1.5	0.64	**U**
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	0.77	2.4	0.77	0.35	**U**
108-67-8	1,3,5-Trimethylbenzene	0.77	2.4	0.77	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	0.77	2.4	0.77	0.34	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	1.5	4.6	1.5	0.64	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00947

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.84

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.1**	2.3	1.4	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.1**	2.3	1.4	0.39	
74-87-3	Chloromethane	**3.4**	2.3	1.4	0.39	
75-01-4	Vinyl Chloride	**3.2**	2.4	0.77	0.26	
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.40	**U**
75-00-3	Chloroethane	**8.0**	2.3	1.4	0.30	
64-17-5	Ethanol	**4.8**	24	3.7	1.7	**J**
67-64-1	Acetone	**16**	23	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**4.2**	2.3	1.4	0.36	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.8	4.5	2.8	0.99	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**0.38**	2.4	0.77	0.34	**J**
75-15-0	Carbon Disulfide	**1.8**	4.5	2.4	0.72	**J**
75-34-3	1,1-Dichloroethane	**5.1**	2.4	1.5	0.35	
78-93-3	2-Butanone (MEK)	**2.6**	4.5	1.4	0.50	**J**
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.3	**U, L**
110-54-3	n-Hexane	**4.0**	2.3	1.4	0.50	
67-66-3	Chloroform	**0.71**	2.4	0.77	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**2.6**	4.5	0.77	0.30	**J**
107-06-2	1,2-Dichloroethane	**1.0**	2.3	0.77	0.27	**J**
71-43-2	Benzene	**1.2**	2.3	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	**0.93**	2.3	0.77	0.33	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00947

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.84

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.4**	4.5	1.5	0.68	**J**
75-27-4	Bromodichloromethane	0.77	2.3	0.77	0.35	**U**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.32	**U**
123-91-1	1,4-Dioxane	**0.46**	2.3	0.77	0.28	**J**
142-82-5	n-Heptane	**0.64**	2.3	1.4	0.38	**J**
108-10-1	4-Methyl-2-pentanone	0.77	4.5	0.77	0.33	**U**
108-88-3	Toluene	**1.2**	2.3	0.77	0.29	**J**
591-78-6	2-Hexanone	**0.63**	4.5	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.3	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.3	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**0.81**	2.3	0.77	0.31	**J**
100-41-4	Ethylbenzene	0.77	2.3	0.77	0.34	**U**
179601-23-1	m,p-Xylenes	1.5	4.5	1.5	0.63	**U**
75-25-2	Bromoform	1.4	2.4	1.4	0.50	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.39	**U**
95-47-6	o-Xylene	**0.43**	2.4	0.77	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	0.77	2.4	0.77	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	0.77	2.3	0.77	0.33	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.59	**U**
91-20-3	Naphthalene	1.4	2.3	1.4	0.59	**U**
1330-20-7	Xylenes, Total	1.5	4.5	1.5	0.63	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01194

Initial Pressure (psig): -4.53 Final Pressure (psig): 7.98

Container Dilution Factor: 2.23

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**6.7**	2.9	1.8	0.72	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	2.9	1.8	0.49	
74-87-3	Chloromethane	**2.0**	2.9	1.8	0.48	**J**
75-01-4	Vinyl Chloride	**2.5**	3.0	0.95	0.32	**J**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.49	**U**
75-00-3	Chloroethane	**15**	2.9	1.8	0.37	
64-17-5	Ethanol	**10**	30	4.6	2.1	**J**
67-64-1	Acetone	15	29	15	6.7	**U**
75-69-4	Trichlorofluoromethane	**2.6**	2.8	1.8	0.45	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.5	5.6	3.5	1.2	**U**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.84	**U**
76-13-1	Trichlorotrifluoroethane	0.95	3.0	0.95	0.42	**U**
75-15-0	Carbon Disulfide	3.0	5.6	3.0	0.89	**U**
75-34-3	1,1-Dichloroethane	**2.8**	3.0	1.8	0.43	**J**
78-93-3	2-Butanone (MEK)	**4.1**	5.6	1.8	0.61	**J**
141-78-6	Ethyl Acetate	3.6	5.6	3.6	1.6	**U, L**
110-54-3	n-Hexane	**2.6**	2.9	1.8	0.61	**J**
67-66-3	Chloroform	**0.79**	3.0	0.95	0.40	**J**
109-99-9	Tetrahydrofuran (THF)	**0.93**	5.6	0.95	0.37	**J**
107-06-2	1,2-Dichloroethane	**1.6**	2.9	0.95	0.33	**J**
71-43-2	Benzene	**0.55**	2.9	0.95	0.43	**J**
56-23-5	Carbon Tetrachloride	**0.76**	2.8	0.95	0.41	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV028-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01194

Initial Pressure (psig): -4.53 Final Pressure (psig): 7.98

Container Dilution Factor: 2.23

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3.8**	5.6	1.9	0.84	**J**
75-27-4	Bromodichloromethane	0.95	2.9	0.95	0.43	**U**
79-01-6	Trichloroethene	0.95	2.8	0.95	0.40	**U**
123-91-1	1,4-Dioxane	0.95	2.9	0.95	0.35	**U**
142-82-5	n-Heptane	1.8	2.9	1.8	0.47	**U**
108-10-1	4-Methyl-2-pentanone	0.95	5.6	0.95	0.41	**U**
108-88-3	Toluene	**0.94**	2.9	0.95	0.36	**J**
591-78-6	2-Hexanone	**0.76**	5.6	0.95	0.37	**J**
124-48-1	Dibromochloromethane	0.95	2.9	0.95	0.39	**U**
106-93-4	1,2-Dibromoethane	**3.8**	2.9	0.95	0.35	
127-18-4	Tetrachloroethene	**1.6**	2.9	0.95	0.38	**J**
100-41-4	Ethylbenzene	0.95	2.9	0.95	0.42	**U**
179601-23-1	m,p-Xylenes	1.9	5.6	1.9	0.78	**U**
75-25-2	Bromoform	1.8	3.0	1.8	0.61	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.48	**U**
95-47-6	o-Xylene	0.95	3.0	0.95	0.43	**U**
108-67-8	1,3,5-Trimethylbenzene	0.95	3.0	0.95	0.43	**U**
95-63-6	1,2,4-Trimethylbenzene	0.95	2.9	0.95	0.41	**U**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.6	1.8	0.72	**U**
91-20-3	Naphthalene	1.7	2.9	1.7	0.72	**U**
1330-20-7	Xylenes, Total	1.9	5.6	1.9	0.78	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00140

Initial Pressure (psig): -4.03 Final Pressure (psig): 7.95

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	45	73	45	18	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**60**	73	45	12	**J**
74-87-3	Chloromethane	45	73	45	12	**U**
75-01-4	Vinyl Chloride	**14**	75	24	8.1	**J**
106-99-0	1,3-Butadiene	45	73	45	12	**U**
75-00-3	Chloroethane	45	73	45	9.3	**U**
64-17-5	Ethanol	**1,400**	750	120	52	
67-64-1	Acetone	**290**	730	380	170	**J**
75-69-4	Trichlorofluoromethane	**17**	72	45	11	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**86**	140	89	31	**J**
75-09-2	Methylene Chloride	**250**	73	45	21	
76-13-1	Trichlorotrifluoroethane	**85**	75	24	11	
75-15-0	Carbon Disulfide	76	140	76	23	**U**
75-34-3	1,1-Dichloroethane	47	76	47	11	**U**
78-93-3	2-Butanone (MEK)	**40**	140	45	16	**J**
141-78-6	Ethyl Acetate	**50**	140	92	40	**J, L**
110-54-3	n-Hexane	**39**	73	45	16	**J**
67-66-3	Chloroform	24	75	24	10	**U**
109-99-9	Tetrahydrofuran (THF)	24	140	24	9.5	**U**
107-06-2	1,2-Dichloroethane	24	73	24	8.3	**U**
71-43-2	Benzene	**22**	73	24	11	**J**
56-23-5	Carbon Tetrachloride	**69**	72	24	10	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00140

Initial Pressure (psig): -4.03 Final Pressure (psig): 7.95

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	48	140	48	21	**U**
75-27-4	Bromodichloromethane	24	73	24	11	**U**
79-01-6	Trichloroethene	**33**	72	24	10	**J**
123-91-1	1,4-Dioxane	24	73	24	8.9	**U**
142-82-5	n-Heptane	**19**	73	45	12	**J**
108-10-1	4-Methyl-2-pentanone	24	140	24	10	**U**
108-88-3	Toluene	**130**	73	24	9.2	
591-78-6	2-Hexanone	24	140	24	9.3	**U**
124-48-1	Dibromochloromethane	24	73	24	9.9	**U**
106-93-4	1,2-Dibromoethane	24	73	24	8.8	**U**
127-18-4	Tetrachloroethene	24	73	24	9.8	**U**
100-41-4	Ethylbenzene	**14**	73	24	11	**J**
179601-23-1	m,p-Xylenes	**40**	140	48	20	**J**
75-25-2	Bromoform	45	75	45	16	**U**
100-42-5	Styrene	45	73	45	12	**U**
95-47-6	o-Xylene	**15**	75	24	11	**J**
108-67-8	1,3,5-Trimethylbenzene	24	75	24	11	**U**
95-63-6	1,2,4-Trimethylbenzene	**14**	73	24	10	**J**
120-82-1	1,2,4-Trichlorobenzene	45	140	45	18	**U**
91-20-3	Naphthalene	44	73	44	18	**U**
1330-20-7	Xylenes, Total	**55**	140	48	20	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0035 Liter(s)
Test Notes:
Container ID: 1SS00971

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**710**	290	180	72	
75-71-8	Dichlorodifluoromethane (CFC 12)	**200**	290	180	48	**J**
74-87-3	Chloromethane	180	290	180	47	**U**
75-01-4	Vinyl Chloride	94	290	94	31	**U**
106-99-0	1,3-Butadiene	180	290	180	49	**U**
75-00-3	Chloroethane	180	290	180	36	**U**
64-17-5	Ethanol	**7,900**	2,900	460	200	
67-64-1	Acetone	**4,600**	2,900	1,500	660	
75-69-4	Trichlorofluoromethane	**93**	280	180	45	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,600**	550	350	120	
75-09-2	Methylene Chloride	**1,000**	290	180	83	
76-13-1	Trichlorotrifluoroethane	**130**	290	94	42	**J**
75-15-0	Carbon Disulfide	300	550	300	88	**U**
75-34-3	1,1-Dichloroethane	180	300	180	43	**U**
78-93-3	2-Butanone (MEK)	**210**	550	180	61	**J**
141-78-6	Ethyl Acetate	**210**	550	360	150	**J, L**
110-54-3	n-Hexane	**220**	290	180	61	**J**
67-66-3	Chloroform	94	290	94	39	**U**
109-99-9	Tetrahydrofuran (THF)	**42**	550	94	37	**J**
107-06-2	1,2-Dichloroethane	94	290	94	33	**U**
71-43-2	Benzene	**1,300**	290	94	42	
56-23-5	Carbon Tetrachloride	**100**	280	94	41	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0035 Liter(s)
Test Notes:
Container ID: 1SS00971

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**99**	550	190	83	**J**
75-27-4	Bromodichloromethane	94	290	94	42	**U**
79-01-6	Trichloroethene	94	280	94	40	**U**
123-91-1	1,4-Dioxane	94	290	94	35	**U**
142-82-5	n-Heptane	**110**	290	180	47	**J**
108-10-1	4-Methyl-2-pentanone	94	550	94	40	**U**
108-88-3	Toluene	**440**	290	94	36	
591-78-6	2-Hexanone	94	550	94	36	**U**
124-48-1	Dibromochloromethane	94	290	94	39	**U**
106-93-4	1,2-Dibromoethane	94	290	94	34	**U**
127-18-4	Tetrachloroethene	94	290	94	38	**U**
100-41-4	Ethylbenzene	**92**	290	94	41	**J**
179601-23-1	m,p-Xylenes	**290**	550	190	77	**J**
75-25-2	Bromoform	180	290	180	61	**U**
100-42-5	Styrene	180	290	180	47	**U**
95-47-6	o-Xylene	**110**	290	94	42	**J**
108-67-8	1,3,5-Trimethylbenzene	94	290	94	42	**U**
95-63-6	1,2,4-Trimethylbenzene	**100**	290	94	41	**J**
120-82-1	1,2,4-Trichlorobenzene	180	550	180	72	**U**
91-20-3	Naphthalene	170	290	170	72	**U**
1330-20-7	Xylenes, Total	**400**	550	190	77	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SC00587

Initial Pressure (psig): -4.76 Final Pressure (psig): 6.40

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	170	280	170	69	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**83**	280	170	46	**J**
74-87-3	Chloromethane	170	280	170	46	**U**
75-01-4	Vinyl Chloride	90	280	90	30	**U**
106-99-0	1,3-Butadiene	170	280	170	47	**U**
75-00-3	Chloroethane	170	280	170	35	**U**
64-17-5	Ethanol	**3,100**	2,800	440	200	
67-64-1	Acetone	**650**	2,800	1,400	640	**J**
75-69-4	Trichlorofluoromethane	170	270	170	43	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**410**	530	330	120	**J**
75-09-2	Methylene Chloride	**400**	280	170	80	
76-13-1	Trichlorotrifluoroethane	**98**	280	90	40	**J**
75-15-0	Carbon Disulfide	290	530	290	85	**U**
75-34-3	1,1-Dichloroethane	170	290	170	41	**U**
78-93-3	2-Butanone (MEK)	**76**	530	170	58	**J**
141-78-6	Ethyl Acetate	**160**	530	340	150	**J, L**
110-54-3	n-Hexane	**69**	280	170	58	**J**
67-66-3	Chloroform	90	280	90	38	**U**
109-99-9	Tetrahydrofuran (THF)	90	530	90	36	**U**
107-06-2	1,2-Dichloroethane	90	280	90	31	**U**
71-43-2	Benzene	**1,200**	280	90	41	
56-23-5	Carbon Tetrachloride	**72**	270	90	39	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-050-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SC00587

Initial Pressure (psig): -4.76 Final Pressure (psig): 6.40

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	180	530	180	80	**U**
75-27-4	Bromodichloromethane	90	280	90	41	**U**
79-01-6	Trichloroethene	90	270	90	38	**U**
123-91-1	1,4-Dioxane	90	280	90	33	**U**
142-82-5	n-Heptane	170	280	170	45	**U**
108-10-1	4-Methyl-2-pentanone	90	530	90	39	**U**
108-88-3	Toluene	90	280	90	34	**U**
591-78-6	2-Hexanone	90	530	90	35	**U**
124-48-1	Dibromochloromethane	90	280	90	37	**U**
106-93-4	1,2-Dibromoethane	90	280	90	33	**U**
127-18-4	Tetrachloroethene	90	280	90	37	**U**
100-41-4	Ethylbenzene	90	280	90	40	**U**
179601-23-1	m,p-Xylenes	**90**	530	180	74	**J**
75-25-2	Bromoform	170	280	170	58	**U**
100-42-5	Styrene	170	280	170	46	**U**
95-47-6	o-Xylene	90	280	90	41	**U**
108-67-8	1,3,5-Trimethylbenzene	90	280	90	41	**U**
95-63-6	1,2,4-Trimethylbenzene	90	280	90	39	**U**
120-82-1	1,2,4-Trichlorobenzene	170	530	170	69	**U**
91-20-3	Naphthalene	160	280	160	69	**U**
1330-20-7	Xylenes, Total	**90**	530	180	74	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00477

Initial Pressure (psig): -3.69 Final Pressure (psig): 6.23

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	200	330	200	82	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**100**	330	200	55	**J**
74-87-3	Chloromethane	200	330	200	54	**U**
75-01-4	Vinyl Chloride	110	340	110	36	**U**
106-99-0	1,3-Butadiene	200	330	200	56	**U**
75-00-3	Chloroethane	200	330	200	42	**U**
64-17-5	Ethanol	**3,300**	3,400	530	230	**J**
67-64-1	Acetone	**800**	3,300	1,700	760	**J**
75-69-4	Trichlorofluoromethane	200	320	200	51	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**300**	630	400	140	**J**
75-09-2	Methylene Chloride	**350**	330	200	95	
76-13-1	Trichlorotrifluoroethane	**110**	340	110	48	**J**
75-15-0	Carbon Disulfide	340	630	340	100	**U**
75-34-3	1,1-Dichloroethane	210	340	210	49	**U**
78-93-3	2-Butanone (MEK)	**110**	630	200	70	**J**
141-78-6	Ethyl Acetate	410	630	410	180	**U, L**
110-54-3	n-Hexane	**120**	330	200	70	**J**
67-66-3	Chloroform	110	340	110	45	**U**
109-99-9	Tetrahydrofuran (THF)	110	630	110	42	**U**
107-06-2	1,2-Dichloroethane	110	330	110	37	**U**
71-43-2	Benzene	**2,500**	330	110	49	
56-23-5	Carbon Tetrachloride	**94**	320	110	47	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00477

Initial Pressure (psig): -3.69 Final Pressure (psig): 6.23

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**170**	630	220	95	**J**
75-27-4	Bromodichloromethane	110	330	110	49	**U**
79-01-6	Trichloroethene	110	320	110	46	**U**
123-91-1	1,4-Dioxane	110	330	110	40	**U**
142-82-5	n-Heptane	**54**	330	200	54	**J**
108-10-1	4-Methyl-2-pentanone	110	630	110	46	**U**
108-88-3	Toluene	110	330	110	41	**U**
591-78-6	2-Hexanone	110	630	110	42	**U**
124-48-1	Dibromochloromethane	110	330	110	44	**U**
106-93-4	1,2-Dibromoethane	110	330	110	39	**U**
127-18-4	Tetrachloroethene	110	330	110	44	**U**
100-41-4	Ethylbenzene	110	330	110	48	**U**
179601-23-1	m,p-Xylenes	**99**	630	220	89	**J**
75-25-2	Bromoform	200	340	200	70	**U**
100-42-5	Styrene	200	330	200	54	**U**
95-47-6	o-Xylene	110	340	110	49	**U**
108-67-8	1,3,5-Trimethylbenzene	110	340	110	49	**U**
95-63-6	1,2,4-Trimethylbenzene	110	330	110	47	**U**
120-82-1	1,2,4-Trichlorobenzene	200	630	200	82	**U**
91-20-3	Naphthalene	200	330	200	82	**U**
1330-20-7	Xylenes, Total	**99**	630	220	89	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00431

Initial Pressure (psig): -2.56 Final Pressure (psig): 6.48

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene		560	900	560	230	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**200**		900	560	150	**J**
74-87-3	Chloromethane		560	900	560	150	**U**
75-01-4	Vinyl Chloride		300	920	300	99	**U**
106-99-0	1,3-Butadiene		560	900	560	150	**U**
75-00-3	Chloroethane		560	900	560	110	**U**
64-17-5	Ethanol	**12,000**		9,200	1,400	640	
67-64-1	Acetone		4,700	9,000	4,700	2,100	**U**
75-69-4	Trichlorofluoromethane		560	890	560	140	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,200**		1,700	1,100	380	**J**
75-09-2	Methylene Chloride	**940**		900	560	260	
76-13-1	Trichlorotrifluoroethane	**230**		920	300	130	**J**
75-15-0	Carbon Disulfide		940	1,700	940	280	**U**
75-34-3	1,1-Dichloroethane		570	940	570	140	**U**
78-93-3	2-Butanone (MEK)	**290**		1,700	560	190	**J**
141-78-6	Ethyl Acetate	**780**		1,700	1,100	490	**J, L**
110-54-3	n-Hexane	**25,000**		900	560	190	
67-66-3	Chloroform		300	920	300	120	**U**
109-99-9	Tetrahydrofuran (THF)		300	1,700	300	120	**U**
107-06-2	1,2-Dichloroethane		300	900	300	100	**U**
71-43-2	Benzene	**44,000**		900	300	130	
56-23-5	Carbon Tetrachloride	**230**		890	300	130	**J**

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L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00431

Initial Pressure (psig): -2.56 Final Pressure (psig): 6.48

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**83,000**	1,700	590	260	
75-27-4	Bromodichloromethane	300	900	300	130	**U**
79-01-6	Trichloroethene	300	890	300	130	**U**
123-91-1	1,4-Dioxane	300	900	300	110	**U**
142-82-5	n-Heptane	**2,900**	900	560	150	
108-10-1	4-Methyl-2-pentanone	300	1,700	300	130	**U**
108-88-3	Toluene	300	900	300	110	**U**
591-78-6	2-Hexanone	300	1,700	300	110	**U**
124-48-1	Dibromochloromethane	300	900	300	120	**U**
106-93-4	1,2-Dibromoethane	300	900	300	110	**U**
127-18-4	Tetrachloroethene	300	900	300	120	**U**
100-41-4	Ethylbenzene	300	900	300	130	**U**
179601-23-1	m,p-Xylenes	**550**	1,700	590	240	**J**
75-25-2	Bromoform	560	920	560	190	**U**
100-42-5	Styrene	560	900	560	150	**U**
95-47-6	o-Xylene	**2,800**	920	300	130	
108-67-8	1,3,5-Trimethylbenzene	**1,100**	920	300	130	
95-63-6	1,2,4-Trimethylbenzene	300	900	300	130	**U**
120-82-1	1,2,4-Trichlorobenzene	560	1,700	560	230	**U**
91-20-3	Naphthalene	540	900	540	230	**U**
1330-20-7	Xylenes, Total	**3,300**	1,700	590	240	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SS01183

Initial Pressure (psig): -4.73 Final Pressure (psig): 7.31

Container Dilution Factor: 2.21

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5,900**		3,800	2,400	960	
75-71-8	Dichlorodifluoromethane (CFC 12)	**950**		3,800	2,400	640	**J**
74-87-3	Chloromethane		2,400	3,800	2,400	630	**U**
75-01-4	Vinyl Chloride		1,300	3,900	1,300	420	**U**
106-99-0	1,3-Butadiene		2,400	3,800	2,400	650	**U**
75-00-3	Chloroethane		2,400	3,800	2,400	490	**U**
64-17-5	Ethanol	**58,000**		39,000	6,100	2,700	
67-64-1	Acetone		20,000	38,000	20,000	8,800	**U**
75-69-4	Trichlorofluoromethane		2,400	3,800	2,400	600	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5,400**		7,400	4,600	1,600	**J**
75-09-2	Methylene Chloride	**3,700**		3,800	2,400	1,100	**J**
76-13-1	Trichlorotrifluoroethane		1,300	3,900	1,300	560	**U**
75-15-0	Carbon Disulfide		4,000	7,400	4,000	1,200	**U**
75-34-3	1,1-Dichloroethane		2,400	4,000	2,400	570	**U**
78-93-3	2-Butanone (MEK)	**1,100**		7,400	2,400	810	**J**
141-78-6	Ethyl Acetate	**3,900**		7,400	4,800	2,100	**J, L**
110-54-3	n-Hexane	**610,000**		3,800	2,400	810	
67-66-3	Chloroform		1,300	3,900	1,300	520	**U**
109-99-9	Tetrahydrofuran (THF)		1,300	7,400	1,300	490	**U**
107-06-2	1,2-Dichloroethane		1,300	3,800	1,300	430	**U**
71-43-2	Benzene	**140,000**		3,800	1,300	570	
56-23-5	Carbon Tetrachloride		1,300	3,800	1,300	550	**U**

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L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SS01183

Initial Pressure (psig): -4.73 Final Pressure (psig): 7.31

Container Dilution Factor: 2.21

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**730,000**	7,400	2,500	1,100	
75-27-4	Bromodichloromethane	1,300	3,800	1,300	570	**U**
79-01-6	Trichloroethene	1,300	3,800	1,300	530	**U**
123-91-1	1,4-Dioxane	1,300	3,800	1,300	460	**U**
142-82-5	n-Heptane	**190,000**	3,800	2,400	630	
108-10-1	4-Methyl-2-pentanone	1,300	7,400	1,300	540	**U**
108-88-3	Toluene	**20,000**	3,800	1,300	480	
591-78-6	2-Hexanone	1,300	7,400	1,300	490	**U**
124-48-1	Dibromochloromethane	1,300	3,800	1,300	520	**U**
106-93-4	1,2-Dibromoethane	1,300	3,800	1,300	460	**U**
127-18-4	Tetrachloroethene	1,300	3,800	1,300	510	**U**
100-41-4	Ethylbenzene	**1,900**	3,800	1,300	550	**J**
179601-23-1	m,p-Xylenes	**4,100**	7,400	2,500	1,000	**J**
75-25-2	Bromoform	2,400	3,900	2,400	810	**U**
100-42-5	Styrene	2,400	3,800	2,400	630	**U**
95-47-6	o-Xylene	**13,000**	3,900	1,300	570	
108-67-8	1,3,5-Trimethylbenzene	**2,100**	3,900	1,300	570	**J**
95-63-6	1,2,4-Trimethylbenzene	1,300	3,800	1,300	550	**U**
120-82-1	1,2,4-Trichlorobenzene	2,400	7,400	2,400	960	**U**
91-20-3	Naphthalene	2,300	3,800	2,300	960	**U**
1330-20-7	Xylenes, Total	**17,000**	7,400	2,500	1,000	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SS01184

Initial Pressure (psig): -3.95 Final Pressure (psig): 6.89

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene		160	260	160	65	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**520**		260	160	44	
74-87-3	Chloromethane	**83**		260	160	43	**J**
75-01-4	Vinyl Chloride		85	270	85	29	**U**
106-99-0	1,3-Butadiene		160	260	160	44	**U**
75-00-3	Chloroethane		160	260	160	33	**U**
64-17-5	Ethanol	**6,300**		2,700	420	190	
67-64-1	Acetone		1,400	2,600	1,400	600	**U**
75-69-4	Trichlorofluoromethane	**74**		260	160	41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**290**		500	320	110	**J**
75-09-2	Methylene Chloride	**260**		260	160	75	**J**
76-13-1	Trichlorotrifluoroethane	**270**		270	85	38	**J**
75-15-0	Carbon Disulfide	**190**		500	270	80	**J**
75-34-3	1,1-Dichloroethane		170	270	170	39	**U**
78-93-3	2-Butanone (MEK)	**82**		500	160	55	**J**
141-78-6	Ethyl Acetate	**230**		500	330	140	**J, L**
110-54-3	n-Hexane	**10,000**		260	160	55	
67-66-3	Chloroform		85	270	85	36	**U**
109-99-9	Tetrahydrofuran (THF)	**46**		500	85	34	**J**
107-06-2	1,2-Dichloroethane		85	260	85	30	**U**
71-43-2	Benzene	**6,900**		260	85	39	
56-23-5	Carbon Tetrachloride		85	260	85	37	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV111-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0040 Liter(s)
Test Notes:
Container ID: 1SS01184

Initial Pressure (psig): -3.95 Final Pressure (psig): 6.89

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**13,000**	500	170	75	
75-27-4	Bromodichloromethane	85	260	85	39	**U**
79-01-6	Trichloroethene	85	260	85	36	**U**
123-91-1	1,4-Dioxane	85	260	85	32	**U**
142-82-5	n-Heptane	**4,300**	260	160	43	
108-10-1	4-Methyl-2-pentanone	85	500	85	37	**U**
108-88-3	Toluene	**3,100**	260	85	33	
591-78-6	2-Hexanone	85	500	85	33	**U**
124-48-1	Dibromochloromethane	85	260	85	35	**U**
106-93-4	1,2-Dibromoethane	85	260	85	31	**U**
127-18-4	Tetrachloroethene	85	260	85	35	**U**
100-41-4	Ethylbenzene	**130**	260	85	38	**J**
179601-23-1	m,p-Xylenes	**330**	500	170	70	**J**
75-25-2	Bromoform	160	270	160	55	**U**
100-42-5	Styrene	160	260	160	43	**U**
95-47-6	o-Xylene	**140**	270	85	39	**J**
108-67-8	1,3,5-Trimethylbenzene	85	270	85	39	**U**
95-63-6	1,2,4-Trimethylbenzene	85	260	85	37	**U**
120-82-1	1,2,4-Trichlorobenzene	160	500	160	65	**U**
91-20-3	Naphthalene	160	260	160	65	**U**
1330-20-7	Xylenes, Total	**470**	500	170	70	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00718

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.75

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.0**	2.4	1.5	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**300**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**20**	24	3.8	1.7	**J**
67-64-1	Acetone	**14**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**41**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.8**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**49**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	2.5	4.6	2.5	0.73	**U**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**2.2**	4.6	1.5	0.50	**J**
141-78-6	Ethyl Acetate	**52**	4.6	3.0	1.3	**L**
110-54-3	n-Hexane	**3.9**	2.4	1.5	0.50	
67-66-3	Chloroform	**0.94**	2.4	0.78	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**0.75**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**2.5**	2.4	0.78	0.35	
56-23-5	Carbon Tetrachloride	**40**	2.3	0.78	0.34	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00718

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.75

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.9**	4.6	1.6	0.69	**J**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	0.78	2.3	0.78	0.33	**U**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**2.4**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.33	**U**
108-88-3	Toluene	**3.8**	2.4	0.78	0.30	
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**12**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	**0.35**	2.4	0.78	0.34	**J**
179601-23-1	m,p-Xylenes	**1.1**	4.6	1.6	0.64	**J**
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**1.3**	2.4	0.78	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.43**	2.4	0.78	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	0.78	2.4	0.78	0.34	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	**2.4**	4.6	1.6	0.64	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01357

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.66

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.5**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**340**	2.6	1.6	0.43	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**13**	26	4.1	1.8	**J**
67-64-1	Acetone	**9.9**	26	13	5.9	**J**
75-69-4	Trichlorofluoromethane	**44**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.9**	5.0	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**54**	2.6	0.84	0.38	
75-15-0	Carbon Disulfide	**1.3**	5.0	2.7	0.79	**J**
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**1.6**	5.0	1.6	0.54	**J**
141-78-6	Ethyl Acetate	**12**	5.0	3.2	1.4	**L**
110-54-3	n-Hexane	**0.63**	2.6	1.6	0.54	**J**
67-66-3	Chloroform	**0.85**	2.6	0.84	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**14**	5.0	0.84	0.33	
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**0.71**	2.6	0.84	0.38	**J**
56-23-5	Carbon Tetrachloride	**44**	2.5	0.84	0.37	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01357

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.66

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	0.84	2.5	0.84	0.36	**U**
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	**0.55**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.84	5.0	0.84	0.36	**U**
108-88-3	Toluene	**2.9**	2.6	0.84	0.32	
591-78-6	2-Hexanone	0.84	5.0	0.84	0.33	**U**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.35	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**1.1**	2.6	0.84	0.34	**J**
100-41-4	Ethylbenzene	0.84	2.6	0.84	0.37	**U**
179601-23-1	m,p-Xylenes	1.7	5.0	1.7	0.69	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.84	2.6	0.84	0.38	**U**
108-67-8	1,3,5-Trimethylbenzene	0.84	2.6	0.84	0.38	**U**
95-63-6	1,2,4-Trimethylbenzene	0.84	2.6	0.84	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.64	**U**
1330-20-7	Xylenes, Total	1.7	5.0	1.7	0.69	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01158

Initial Pressure (psig): -4.50 Final Pressure (psig): 5.53

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.93**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**260**	2.6	1.6	0.43	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**4.9**	26	4.1	1.8	**J**
67-64-1	Acetone	**22**	26	13	5.9	**J**
75-69-4	Trichlorofluoromethane	**24**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	5.0	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**27**	2.6	0.84	0.38	
75-15-0	Carbon Disulfide	**8.2**	5.0	2.7	0.79	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**1.1**	5.0	1.6	0.54	**J**
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U, L**
110-54-3	n-Hexane	1.6	2.6	1.6	0.54	**U**
67-66-3	Chloroform	**0.90**	2.6	0.84	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**2.1**	5.0	0.84	0.33	**J**
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**0.62**	2.6	0.84	0.38	**J**
56-23-5	Carbon Tetrachloride	**21**	2.5	0.84	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01158

Initial Pressure (psig): -4.50 Final Pressure (psig): 5.53

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	0.84	2.5	0.84	0.36	**U**
123-91-1	1,4-Dioxane	**0.48**	2.6	0.84	0.31	**J**
142-82-5	n-Heptane	1.6	2.6	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.84	5.0	0.84	0.36	**U**
108-88-3	Toluene	**1.3**	2.6	0.84	0.32	**J**
591-78-6	2-Hexanone	0.84	5.0	0.84	0.33	**U**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.35	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**1.0**	2.6	0.84	0.34	**J**
100-41-4	Ethylbenzene	0.84	2.6	0.84	0.37	**U**
179601-23-1	m,p-Xylenes	**0.75**	5.0	1.7	0.69	**J**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.84	2.6	0.84	0.38	**U**
108-67-8	1,3,5-Trimethylbenzene	0.84	2.6	0.84	0.38	**U**
95-63-6	1,2,4-Trimethylbenzene	0.84	2.6	0.84	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.64	**U**
1330-20-7	Xylenes, Total	**0.75**	5.0	1.7	0.69	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00021

Initial Pressure (psig): -3.70 Final Pressure (psig): 6.00

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.0**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**310**	2.4	1.5	0.41	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.80	2.5	0.80	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**5.1**	25	3.9	1.7	**J**
67-64-1	Acetone	**11**	24	13	5.6	**J**
75-69-4	Trichlorofluoromethane	**28**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	4.7	3.0	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**24**	2.5	0.80	0.36	
75-15-0	Carbon Disulfide	**28**	4.7	2.5	0.75	
75-34-3	1,1-Dichloroethane	1.6	2.5	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**2.1**	4.7	1.5	0.52	**J**
141-78-6	Ethyl Acetate	3.1	4.7	3.1	1.3	**U, L**
110-54-3	n-Hexane	**0.74**	2.4	1.5	0.52	**J**
67-66-3	Chloroform	**6.1**	2.5	0.80	0.33	
109-99-9	Tetrahydrofuran (THF)	**2.5**	4.7	0.80	0.31	**J**
107-06-2	1,2-Dichloroethane	0.80	2.4	0.80	0.28	**U**
71-43-2	Benzene	**0.86**	2.4	0.80	0.36	**J**
56-23-5	Carbon Tetrachloride	**72**	2.4	0.80	0.35	

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L = Laboratory control sample recovery outside the specified limits, results may be biased high.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00021

Initial Pressure (psig): -3.70 Final Pressure (psig): 6.00

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.7	1.6	0.71	**U**
75-27-4	Bromodichloromethane	0.80	2.4	0.80	0.36	**U**
79-01-6	Trichloroethene	**0.88**	2.4	0.80	0.34	**J**
123-91-1	1,4-Dioxane	**1.2**	2.4	0.80	0.30	**J**
142-82-5	n-Heptane	**0.59**	2.4	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.80	4.7	0.80	0.34	**U**
108-88-3	Toluene	**1.0**	2.4	0.80	0.31	**J**
591-78-6	2-Hexanone	**0.49**	4.7	0.80	0.31	**J**
124-48-1	Dibromochloromethane	0.80	2.4	0.80	0.33	**U**
106-93-4	1,2-Dibromoethane	0.80	2.4	0.80	0.29	**U**
127-18-4	Tetrachloroethene	**0.90**	2.4	0.80	0.32	**J**
100-41-4	Ethylbenzene	0.80	2.4	0.80	0.35	**U**
179601-23-1	m,p-Xylenes	1.6	4.7	1.6	0.66	**U**
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	0.80	2.5	0.80	0.36	**U**
108-67-8	1,3,5-Trimethylbenzene	0.80	2.5	0.80	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	0.80	2.4	0.80	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	1.5	2.4	1.5	0.61	**U**
1330-20-7	Xylenes, Total	1.6	4.7	1.6	0.66	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00044

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.75

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.6**	2.5	1.5	0.61	
75-71-8	Dichlorodifluoromethane (CFC 12)	**320**	2.5	1.5	0.41	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.80	2.5	0.80	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.31	**U**
64-17-5	Ethanol	**11**	25	3.9	1.7	**J**
67-64-1	Acetone	**8.5**	25	13	5.7	**J**
75-69-4	Trichlorofluoromethane	**27**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.4**	4.7	3.0	1.0	
75-09-2	Methylene Chloride	**2.6**	2.5	1.5	0.71	
76-13-1	Trichlorotrifluoroethane	**24**	2.5	0.80	0.36	
75-15-0	Carbon Disulfide	**12**	4.7	2.6	0.76	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**13**	4.7	1.5	0.52	
141-78-6	Ethyl Acetate	**5.1**	4.7	3.1	1.3	**L**
110-54-3	n-Hexane	**0.63**	2.5	1.5	0.52	**J**
67-66-3	Chloroform	**5.9**	2.5	0.80	0.34	
109-99-9	Tetrahydrofuran (THF)	**7.2**	4.7	0.80	0.32	
107-06-2	1,2-Dichloroethane	0.80	2.5	0.80	0.28	**U**
71-43-2	Benzene	**0.80**	2.5	0.80	0.36	**J**
56-23-5	Carbon Tetrachloride	**72**	2.4	0.80	0.35	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00044

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.75

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.7	1.6	0.71	**U**
75-27-4	Bromodichloromethane	0.80	2.5	0.80	0.36	**U**
79-01-6	Trichloroethene	**0.94**	2.4	0.80	0.34	**J**
123-91-1	1,4-Dioxane	**0.30**	2.5	0.80	0.30	**J**
142-82-5	n-Heptane	**0.55**	2.5	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	**0.38**	4.7	0.80	0.34	**J**
108-88-3	Toluene	**3.8**	2.5	0.80	0.31	
591-78-6	2-Hexanone	**0.70**	4.7	0.80	0.31	**J**
124-48-1	Dibromochloromethane	0.80	2.5	0.80	0.33	**U**
106-93-4	1,2-Dibromoethane	0.80	2.5	0.80	0.29	**U**
127-18-4	Tetrachloroethene	**1.0**	2.5	0.80	0.33	**J**
100-41-4	Ethylbenzene	**2.5**	2.5	0.80	0.35	
179601-23-1	m,p-Xylenes	**3.9**	4.7	1.6	0.66	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	**0.52**	2.5	1.5	0.41	**J**
95-47-6	o-Xylene	**0.95**	2.5	0.80	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	0.80	2.5	0.80	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.78**	2.5	0.80	0.35	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	**4.7**	2.5	1.5	0.61	
1330-20-7	Xylenes, Total	**4.9**	4.7	1.6	0.66	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SS01135

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.70

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**19**	26	16	6.6	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2,700**	26	16	4.4	
74-87-3	Chloromethane	16	26	16	4.4	**U**
75-01-4	Vinyl Chloride	8.6	27	8.6	2.9	**U**
106-99-0	1,3-Butadiene	16	26	16	4.5	**U**
75-00-3	Chloroethane	16	26	16	3.3	**U**
64-17-5	Ethanol	42	270	42	19	**U**
67-64-1	Acetone	140	260	140	61	**U**
75-69-4	Trichlorofluoromethane	**420**	26	16	4.1	
67-63-0	2-Propanol (Isopropyl Alcohol)	32	51	32	11	**U**
75-09-2	Methylene Chloride	16	26	16	7.6	**U**
76-13-1	Trichlorotrifluoroethane	**140**	27	8.6	3.9	
75-15-0	Carbon Disulfide	27	51	27	8.1	**U**
75-34-3	1,1-Dichloroethane	17	27	17	4.0	**U**
78-93-3	2-Butanone (MEK)	16	51	16	5.6	**U**
141-78-6	Ethyl Acetate	33	51	33	14	**U, L**
110-54-3	n-Hexane	16	26	16	5.6	**U**
67-66-3	Chloroform	8.6	27	8.6	3.6	**U**
109-99-9	Tetrahydrofuran (THF)	8.6	51	8.6	3.4	**U**
107-06-2	1,2-Dichloroethane	8.6	26	8.6	3.0	**U**
71-43-2	Benzene	**14**	26	8.6	3.9	**J**
56-23-5	Carbon Tetrachloride	**9.2**	26	8.6	3.8	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SS01135

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.70

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	17	51	17	7.6	**U**
75-27-4	Bromodichloromethane	8.6	26	8.6	3.9	**U**
79-01-6	Trichloroethene	8.6	26	8.6	3.7	**U**
123-91-1	1,4-Dioxane	8.6	26	8.6	3.2	**U**
142-82-5	n-Heptane	16	26	16	4.3	**U**
108-10-1	4-Methyl-2-pentanone	8.6	51	8.6	3.7	**U**
108-88-3	Toluene	8.6	26	8.6	3.3	**U**
591-78-6	2-Hexanone	8.6	51	8.6	3.3	**U**
124-48-1	Dibromochloromethane	8.6	26	8.6	3.6	**U**
106-93-4	1,2-Dibromoethane	8.6	26	8.6	3.1	**U**
127-18-4	Tetrachloroethene	**5.5**	26	8.6	3.5	**J**
100-41-4	Ethylbenzene	8.6	26	8.6	3.8	**U**
179601-23-1	m,p-Xylenes	17	51	17	7.1	**U**
75-25-2	Bromoform	16	27	16	5.6	**U**
100-42-5	Styrene	16	26	16	4.4	**U**
95-47-6	o-Xylene	8.6	27	8.6	3.9	**U**
108-67-8	1,3,5-Trimethylbenzene	8.6	27	8.6	3.9	**U**
95-63-6	1,2,4-Trimethylbenzene	8.6	26	8.6	3.8	**U**
120-82-1	1,2,4-Trichlorobenzene	16	51	16	6.6	**U**
91-20-3	Naphthalene	16	26	16	6.6	**U**
1330-20-7	Xylenes, Total	17	51	17	7.1	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00015 Liter(s)
Container ID: 1SS00251

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.57

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**14,000**		1,900	1,200	470	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3,100**		1,900	1,200	310	
74-87-3	Chloromethane		1,200	1,900	1,200	310	**U**
75-01-4	Vinyl Chloride		610	1,900	610	210	**U**
106-99-0	1,3-Butadiene		1,200	1,900	1,200	320	**U**
75-00-3	Chloroethane		1,200	1,900	1,200	240	**U**
64-17-5	Ethanol	**18,000**		19,000	3,000	1,300	**J**
67-64-1	Acetone		9,700	19,000	9,700	4,300	**U**
75-69-4	Trichlorofluoromethane	**630**		1,800	1,200	290	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,100**		3,600	2,300	790	**J**
75-09-2	Methylene Chloride	**1,800**		1,900	1,200	540	**J**
76-13-1	Trichlorotrifluoroethane		610	1,900	610	270	**U**
75-15-0	Carbon Disulfide		1,900	3,600	1,900	580	**U**
75-34-3	1,1-Dichloroethane		1,200	1,900	1,200	280	**U**
78-93-3	2-Butanone (MEK)	**480**		3,600	1,200	400	**J**
141-78-6	Ethyl Acetate	**1,300**		3,600	2,300	1,000	**J, L**
110-54-3	n-Hexane	**210,000**		1,900	1,200	400	
67-66-3	Chloroform		610	1,900	610	260	**U**
109-99-9	Tetrahydrofuran (THF)		610	3,600	610	240	**U**
107-06-2	1,2-Dichloroethane		610	1,900	610	210	**U**
71-43-2	Benzene	**15,000**		1,900	610	280	
56-23-5	Carbon Tetrachloride		610	1,800	610	270	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV114-450-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00015 Liter(s)
Container ID: 1SS00251

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.57

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**280,000**		3,600	1,200	540	
75-27-4	Bromodichloromethane		610	1,900	610	280	**U**
79-01-6	Trichloroethene		610	1,800	610	260	**U**
123-91-1	1,4-Dioxane		610	1,900	610	230	**U**
142-82-5	n-Heptane	**480,000**		6,200	3,800	1,000	**D**
108-10-1	4-Methyl-2-pentanone		610	3,600	610	260	**U**
108-88-3	Toluene	**80,000**		1,900	610	230	
591-78-6	2-Hexanone		610	3,600	610	240	**U**
124-48-1	Dibromochloromethane		610	1,900	610	250	**U**
106-93-4	1,2-Dibromoethane		610	1,900	610	220	**U**
127-18-4	Tetrachloroethene		610	1,900	610	250	**U**
100-41-4	Ethylbenzene	**6,700**		1,900	610	270	
179601-23-1	m,p-Xylenes	**60,000**		3,600	1,200	500	
75-25-2	Bromoform		1,200	1,900	1,200	400	**U**
100-42-5	Styrene		1,200	1,900	1,200	310	**U**
95-47-6	o-Xylene	**35,000**		1,900	610	280	
108-67-8	1,3,5-Trimethylbenzene	**7,300**		1,900	610	280	
95-63-6	1,2,4-Trimethylbenzene	**8,400**		1,900	610	270	
120-82-1	1,2,4-Trichlorobenzene		1,200	3,600	1,200	470	**U**
91-20-3	Naphthalene		1,100	1,900	1,100	470	**U**
1330-20-7	Xylenes, Total	**94,000**		3,600	1,200	500	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00991

Initial Pressure (psig): -3.58 Final Pressure (psig): 8.11

Container Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.3**	2.7	1.6	0.67	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**86**	2.7	1.6	0.45	
74-87-3	Chloromethane	**0.50**	2.7	1.6	0.44	**J**
75-01-4	Vinyl Chloride	0.87	2.7	0.87	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.7	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	**U**
64-17-5	Ethanol	**8.0**	27	4.3	1.9	**J**
67-64-1	Acetone	**39**	27	14	6.2	
75-69-4	Trichlorofluoromethane	**11**	2.6	1.6	0.42	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.9**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.7	1.6	0.77	**U**
76-13-1	Trichlorotrifluoroethane	**34**	2.7	0.87	0.39	
75-15-0	Carbon Disulfide	**5.8**	5.1	2.8	0.82	
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**6.0**	5.1	1.6	0.56	
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U, L**
110-54-3	n-Hexane	**0.89**	2.7	1.6	0.56	**J**
67-66-3	Chloroform	**0.52**	2.7	0.87	0.36	**J**
109-99-9	Tetrahydrofuran (THF)	0.87	5.1	0.87	0.34	**U**
107-06-2	1,2-Dichloroethane	0.87	2.7	0.87	0.30	**U**
71-43-2	Benzene	**0.79**	2.7	0.87	0.39	**J**
56-23-5	Carbon Tetrachloride	**8.5**	2.6	0.87	0.38	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-025-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00991

Initial Pressure (psig): -3.58 Final Pressure (psig): 8.11

Container Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**5.0**	5.1	1.7	0.77	**J**
75-27-4	Bromodichloromethane	0.87	2.7	0.87	0.39	**U**
79-01-6	Trichloroethene	**1.0**	2.6	0.87	0.37	**J**
123-91-1	1,4-Dioxane	0.87	2.7	0.87	0.32	**U**
142-82-5	n-Heptane	**2.7**	2.7	1.6	0.44	
108-10-1	4-Methyl-2-pentanone	**0.45**	5.1	0.87	0.37	**J**
108-88-3	Toluene	**3.6**	2.7	0.87	0.33	
591-78-6	2-Hexanone	**1.6**	5.1	0.87	0.34	**J**
124-48-1	Dibromochloromethane	0.87	2.7	0.87	0.36	**U**
106-93-4	1,2-Dibromoethane	0.87	2.7	0.87	0.32	**U**
127-18-4	Tetrachloroethene	**0.55**	2.7	0.87	0.35	**J**
100-41-4	Ethylbenzene	**1.3**	2.7	0.87	0.38	**J**
179601-23-1	m,p-Xylenes	**16**	5.1	1.7	0.72	
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.7	1.6	0.44	**U**
95-47-6	o-Xylene	**7.2**	2.7	0.87	0.39	
108-67-8	1,3,5-Trimethylbenzene	**2.3**	2.7	0.87	0.39	**J**
95-63-6	1,2,4-Trimethylbenzene	**7.9**	2.7	0.87	0.38	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.67	**U**
91-20-3	Naphthalene	**1.5**	2.7	1.6	0.67	**J**
1330-20-7	Xylenes, Total	**24**	5.1	1.7	0.72	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00956

Initial Pressure (psig): -5.15 Final Pressure (psig): 5.93

Container Dilution Factor: 2.16

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.6**	2.8	1.7	0.70	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**110**	2.8	1.7	0.47	
74-87-3	Chloromethane	1.7	2.8	1.7	0.46	**U**
75-01-4	Vinyl Chloride	0.92	2.9	0.92	0.31	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**9.9**	29	4.5	2.0	**J**
67-64-1	Acetone	**11**	28	15	6.5	**J**
75-69-4	Trichlorofluoromethane	**13**	2.8	1.7	0.44	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.4	5.4	3.4	1.2	**U**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.81	**U**
76-13-1	Trichlorotrifluoroethane	**54**	2.9	0.92	0.41	
75-15-0	Carbon Disulfide	**3.4**	5.4	2.9	0.86	**J**
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**2.3**	5.4	1.7	0.59	**J**
141-78-6	Ethyl Acetate	3.5	5.4	3.5	1.5	**U, L**
110-54-3	n-Hexane	**3.9**	2.8	1.7	0.59	
67-66-3	Chloroform	**0.57**	2.9	0.92	0.38	**J**
109-99-9	Tetrahydrofuran (THF)	**140**	5.4	0.92	0.36	
107-06-2	1,2-Dichloroethane	0.92	2.8	0.92	0.32	**U**
71-43-2	Benzene	**1.4**	2.8	0.92	0.42	**J**
56-23-5	Carbon Tetrachloride	**16**	2.8	0.92	0.40	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-050-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00956

Initial Pressure (psig): -5.15 Final Pressure (psig): 5.93

Container Dilution Factor: 2.16

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3.2**	5.4	1.8	0.81	**J**
75-27-4	Bromodichloromethane	0.92	2.8	0.92	0.42	**U**
79-01-6	Trichloroethene	0.92	2.8	0.92	0.39	**U**
123-91-1	1,4-Dioxane	**0.43**	2.8	0.92	0.34	**J**
142-82-5	n-Heptane	**13**	2.8	1.7	0.46	
108-10-1	4-Methyl-2-pentanone	0.92	5.4	0.92	0.39	**U**
108-88-3	Toluene	**9.5**	2.8	0.92	0.35	
591-78-6	2-Hexanone	0.92	5.4	0.92	0.36	**U**
124-48-1	Dibromochloromethane	0.92	2.8	0.92	0.38	**U**
106-93-4	1,2-Dibromoethane	**0.50**	2.8	0.92	0.33	**J**
127-18-4	Tetrachloroethene	**0.89**	2.8	0.92	0.37	**J**
100-41-4	Ethylbenzene	**2.4**	2.8	0.92	0.41	**J**
179601-23-1	m,p-Xylenes	**32**	5.4	1.8	0.76	
75-25-2	Bromoform	1.7	2.9	1.7	0.59	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	**12**	2.9	0.92	0.42	
108-67-8	1,3,5-Trimethylbenzene	**3.2**	2.9	0.92	0.42	
95-63-6	1,2,4-Trimethylbenzene	**8.8**	2.8	0.92	0.40	
120-82-1	1,2,4-Trichlorobenzene	1.7	5.4	1.7	0.70	**U**
91-20-3	Naphthalene	**1.2**	2.8	1.7	0.70	**J**
1330-20-7	Xylenes, Total	**45**	5.4	1.8	0.76	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00139

Initial Pressure (psig): -4.21 Final Pressure (psig): 8.85

Container Dilution Factor: 2.24

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.0**	2.9	1.8	0.73	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**59**	2.9	1.8	0.49	
74-87-3	Chloromethane	**0.86**	2.9	1.8	0.48	**J**
75-01-4	Vinyl Chloride	0.95	3.0	0.95	0.32	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.49	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.37	**U**
64-17-5	Ethanol	**4.6**	30	4.6	2.1	**J**
67-64-1	Acetone	**22**	29	15	6.7	**J**
75-69-4	Trichlorofluoromethane	**6.1**	2.9	1.8	0.45	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.5	5.6	3.5	1.2	**U**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.84	**U**
76-13-1	Trichlorotrifluoroethane	**21**	3.0	0.95	0.43	
75-15-0	Carbon Disulfide	**6.4**	5.6	3.0	0.90	
75-34-3	1,1-Dichloroethane	1.8	3.0	1.8	0.44	**U**
78-93-3	2-Butanone (MEK)	**5.7**	5.6	1.8	0.62	
141-78-6	Ethyl Acetate	3.6	5.6	3.6	1.6	**U, L**
110-54-3	n-Hexane	**0.66**	2.9	1.8	0.62	**J**
67-66-3	Chloroform	**1.3**	3.0	0.95	0.40	**J**
109-99-9	Tetrahydrofuran (THF)	**2.4**	5.6	0.95	0.38	**J**
107-06-2	1,2-Dichloroethane	0.95	2.9	0.95	0.33	**U**
71-43-2	Benzene	**0.78**	2.9	0.95	0.43	**J**
56-23-5	Carbon Tetrachloride	**7.6**	2.9	0.95	0.41	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-150-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00139

Initial Pressure (psig): -4.21 Final Pressure (psig): 8.85

Container Dilution Factor: 2.24

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.6	1.9	0.84	**U**
75-27-4	Bromodichloromethane	0.95	2.9	0.95	0.43	**U**
79-01-6	Trichloroethene	0.95	2.9	0.95	0.40	**U**
123-91-1	1,4-Dioxane	0.95	2.9	0.95	0.35	**U**
142-82-5	n-Heptane	**1.8**	2.9	1.8	0.48	**J**
108-10-1	4-Methyl-2-pentanone	**0.63**	5.6	0.95	0.41	**J**
108-88-3	Toluene	**1.8**	2.9	0.95	0.36	**J**
591-78-6	2-Hexanone	**1.3**	5.6	0.95	0.37	**J**
124-48-1	Dibromochloromethane	0.95	2.9	0.95	0.39	**U**
106-93-4	1,2-Dibromoethane	0.95	2.9	0.95	0.35	**U**
127-18-4	Tetrachloroethene	**1.5**	2.9	0.95	0.39	**J**
100-41-4	Ethylbenzene	**0.45**	2.9	0.95	0.42	**J**
179601-23-1	m,p-Xylenes	**4.8**	5.6	1.9	0.78	**J**
75-25-2	Bromoform	1.8	3.0	1.8	0.62	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.48	**U**
95-47-6	o-Xylene	**2.0**	3.0	0.95	0.43	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.49**	3.0	0.95	0.43	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.3**	2.9	0.95	0.41	**J**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.6	1.8	0.73	**U**
91-20-3	Naphthalene	1.7	2.9	1.7	0.73	**U**
1330-20-7	Xylenes, Total	**6.7**	5.6	1.9	0.78	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00836

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.70

Container Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	38	61	38	15	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**91**	61	38	10	
74-87-3	Chloromethane	38	61	38	10	**U**
75-01-4	Vinyl Chloride	20	63	20	6.7	**U**
106-99-0	1,3-Butadiene	38	61	38	10	**U**
75-00-3	Chloroethane	38	61	38	7.8	**U**
64-17-5	Ethanol	**3,000**	630	98	44	
67-64-1	Acetone	320	610	320	140	**U**
75-69-4	Trichlorofluoromethane	**16**	60	38	9.6	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**92**	120	74	26	**J**
75-09-2	Methylene Chloride	**170**	61	38	18	
76-13-1	Trichlorotrifluoroethane	**40**	63	20	9.0	**J**
75-15-0	Carbon Disulfide	64	120	64	19	**U**
75-34-3	1,1-Dichloroethane	39	64	39	9.2	**U**
78-93-3	2-Butanone (MEK)	**27**	120	38	13	**J**
141-78-6	Ethyl Acetate	**90**	120	77	33	**J, L**
110-54-3	n-Hexane	**310**	61	38	13	
67-66-3	Chloroform	20	63	20	8.4	**U**
109-99-9	Tetrahydrofuran (THF)	**11**	120	20	7.9	**J**
107-06-2	1,2-Dichloroethane	20	61	20	7.0	**U**
71-43-2	Benzene	**5,000**	61	20	9.1	
56-23-5	Carbon Tetrachloride	**38**	60	20	8.7	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-250-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS00836

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.70

Container Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**560**	120	40	18	
75-27-4	Bromodichloromethane	20	61	20	9.1	**U**
79-01-6	Trichloroethene	20	60	20	8.5	**U**
123-91-1	1,4-Dioxane	20	61	20	7.4	**U**
142-82-5	n-Heptane	**310**	61	38	10	
108-10-1	4-Methyl-2-pentanone	20	120	20	8.6	**U**
108-88-3	Toluene	20	61	20	7.7	**U**
591-78-6	2-Hexanone	20	120	20	7.8	**U**
124-48-1	Dibromochloromethane	20	61	20	8.3	**U**
106-93-4	1,2-Dibromoethane	20	61	20	7.3	**U**
127-18-4	Tetrachloroethene	20	61	20	8.1	**U**
100-41-4	Ethylbenzene	**12**	61	20	8.9	**J**
179601-23-1	m,p-Xylenes	**57**	120	40	17	**J**
75-25-2	Bromoform	38	63	38	13	**U**
100-42-5	Styrene	38	61	38	10	**U**
95-47-6	o-Xylene	**34**	63	20	9.1	**J**
108-67-8	1,3,5-Trimethylbenzene	**13**	63	20	9.1	**J**
95-63-6	1,2,4-Trimethylbenzene	**17**	61	20	8.7	**J**
120-82-1	1,2,4-Trichlorobenzene	38	120	38	15	**U**
91-20-3	Naphthalene	37	61	37	15	**U**
1330-20-7	Xylenes, Total	**91**	120	40	17	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01003

Initial Pressure (psig): -5.01 Final Pressure (psig): 6.08

Container Dilution Factor: 2.14

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**150**	74	46	19	
75-71-8	Dichlorodifluoromethane (CFC 12)	**260**	74	46	12	
74-87-3	Chloromethane	46	74	46	12	**U**
75-01-4	Vinyl Chloride	24	76	24	8.1	**U**
106-99-0	1,3-Butadiene	46	74	46	13	**U**
75-00-3	Chloroethane	46	74	46	9.4	**U**
64-17-5	Ethanol	**860**	760	120	53	
67-64-1	Acetone	390	740	390	170	**U**
75-69-4	Trichlorofluoromethane	**37**	73	46	12	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**71**	140	90	31	**J**
75-09-2	Methylene Chloride	**75**	74	46	21	
76-13-1	Trichlorotrifluoroethane	**26**	76	24	11	**J**
75-15-0	Carbon Disulfide	77	140	77	23	**U**
75-34-3	1,1-Dichloroethane	47	77	47	11	**U**
78-93-3	2-Butanone (MEK)	46	140	46	16	**U**
141-78-6	Ethyl Acetate	93	140	93	40	**U, L**
110-54-3	n-Hexane	**880**	74	46	16	
67-66-3	Chloroform	24	76	24	10	**U**
109-99-9	Tetrahydrofuran (THF)	24	140	24	9.6	**U**
107-06-2	1,2-Dichloroethane	24	74	24	8.4	**U**
71-43-2	Benzene	**420**	74	24	11	
56-23-5	Carbon Tetrachloride	24	73	24	11	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-212** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01003

Initial Pressure (psig): -5.01 Final Pressure (psig): 6.08

Container Dilution Factor: 2.14

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**8,700**	140	49	21	
75-27-4	Bromodichloromethane	24	74	24	11	**U**
79-01-6	Trichloroethene	**21**	73	24	10	**J**
123-91-1	1,4-Dioxane	24	74	24	9.0	**U**
142-82-5	n-Heptane	**180**	74	46	12	
108-10-1	4-Methyl-2-pentanone	24	140	24	10	**U**
108-88-3	Toluene	24	74	24	9.3	**U**
591-78-6	2-Hexanone	24	140	24	9.4	**U**
124-48-1	Dibromochloromethane	24	74	24	10	**U**
106-93-4	1,2-Dibromoethane	24	74	24	8.8	**U**
127-18-4	Tetrachloroethene	24	74	24	9.8	**U**
100-41-4	Ethylbenzene	**11**	74	24	11	**J**
179601-23-1	m,p-Xylenes	**35**	140	49	20	**J**
75-25-2	Bromoform	46	76	46	16	**U**
100-42-5	Styrene	46	74	46	12	**U**
95-47-6	o-Xylene	**43**	76	24	11	**J**
108-67-8	1,3,5-Trimethylbenzene	**57**	76	24	11	**J**
95-63-6	1,2,4-Trimethylbenzene	**11**	74	24	11	**J**
120-82-1	1,2,4-Trichlorobenzene	46	140	46	19	**U**
91-20-3	Naphthalene	44	74	44	19	**U**
1330-20-7	Xylenes, Total	**78**	140	49	20	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01366

Initial Pressure (psig): -2.69 Final Pressure (psig): 7.56

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	120	190	120	48	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**250**	190	120	32	
74-87-3	Chloromethane	120	190	120	32	**U**
75-01-4	Vinyl Chloride	63	200	63	21	**U**
106-99-0	1,3-Butadiene	120	190	120	33	**U**
75-00-3	Chloroethane	120	190	120	24	**U**
64-17-5	Ethanol	**1,700**	2,000	310	140	**J**
67-64-1	Acetone	1,000	1,900	1,000	440	**U**
75-69-4	Trichlorofluoromethane	**38**	190	120	30	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**120**	370	230	81	**J**
75-09-2	Methylene Chloride	**120**	190	120	56	**J**
76-13-1	Trichlorotrifluoroethane	63	200	63	28	**U**
75-15-0	Carbon Disulfide	200	370	200	59	**U**
75-34-3	1,1-Dichloroethane	120	200	120	29	**U**
78-93-3	2-Butanone (MEK)	120	370	120	41	**U**
141-78-6	Ethyl Acetate	240	370	240	100	**U, L**
110-54-3	n-Hexane	**830**	190	120	41	
67-66-3	Chloroform	63	200	63	26	**U**
109-99-9	Tetrahydrofuran (THF)	63	370	63	25	**U**
107-06-2	1,2-Dichloroethane	63	190	63	22	**U**
71-43-2	Benzene	**390**	190	63	28	
56-23-5	Carbon Tetrachloride	63	190	63	27	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-350-612** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101875-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01366

Initial Pressure (psig): -2.69 Final Pressure (psig): 7.56

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**8,100**	370	130	56	
75-27-4	Bromodichloromethane	63	190	63	28	**U**
79-01-6	Trichloroethene	63	190	63	27	**U**
123-91-1	1,4-Dioxane	63	190	63	23	**U**
142-82-5	n-Heptane	**180**	190	120	31	**J**
108-10-1	4-Methyl-2-pentanone	63	370	63	27	**U**
108-88-3	Toluene	63	190	63	24	**U**
591-78-6	2-Hexanone	63	370	63	24	**U**
124-48-1	Dibromochloromethane	63	190	63	26	**U**
106-93-4	1,2-Dibromoethane	63	190	63	23	**U**
127-18-4	Tetrachloroethene	63	190	63	26	**U**
100-41-4	Ethylbenzene	63	190	63	28	**U**
179601-23-1	m,p-Xylenes	**55**	370	130	52	**J**
75-25-2	Bromoform	120	200	120	41	**U**
100-42-5	Styrene	120	190	120	32	**U**
95-47-6	o-Xylene	**50**	200	63	28	**J**
108-67-8	1,3,5-Trimethylbenzene	**54**	200	63	28	**J**
95-63-6	1,2,4-Trimethylbenzene	63	190	63	27	**U**
120-82-1	1,2,4-Trichlorobenzene	120	370	120	48	**U**
91-20-3	Naphthalene	110	190	110	48	**U**
1330-20-7	Xylenes, Total	**110**	370	130	52	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U, L**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U, L**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U, L**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101875

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/19 - 4/21/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210419-MB	**106**	**104**	**91**	70-130	
Method Blank	P210420-MB	**105**	**101**	**95**	70-130	
Method Blank	P210421-MB	**105**	**102**	**94**	70-130	
Lab Control Sample	P210419-LCS	**104**	**97**	**92**	70-130	
Lab Control Sample	P210420-LCS	**101**	**98**	**94**	70-130	
Lab Control Sample	P210421-LCS	**101**	**97**	**93**	70-130	
Duplicate Lab Control Sample	P210419-DLCS	**103**	**98**	**91**	70-130	
Duplicate Lab Control Sample	P210420-DLCS	**101**	**98**	**94**	70-130	
Duplicate Lab Control Sample	P210421-DLCS	**102**	**98**	**93**	70-130	
SV028-150-212	P2101875-001	**104**	**102**	**95**	70-130	
SV028-250-212	P2101875-002	**103**	**101**	**96**	70-130	
SV028-350-212	P2101875-003	**103**	**101**	**96**	70-130	
SV028-450-212	P2101875-004	**106**	**100**	**95**	70-130	
SV111-025-212	P2101875-005	**104**	**101**	**94**	70-130	
SV111-050-212	P2101875-006	**102**	**101**	**97**	70-130	
SV111-050-612	P2101875-007	**102**	**102**	**99**	70-130	
SV111-150-212	P2101875-008	**105**	**101**	**94**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101875

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/19 - 4/21/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV111-250-212	P2101875-009	**105**	**100**	**93**	70-130	
SV111-350-212	P2101875-010	**105**	**99**	**93**	70-130	
SV111-450-212	P2101875-011	**105**	**100**	**93**	70-130	
SV114-025-212	P2101875-012	**106**	**100**	**95**	70-130	
SV114-050-212	P2101875-013	**107**	**100**	**95**	70-130	
SV114-150-212	P2101875-014	**106**	**100**	**95**	70-130	
SV114-250-612	P2101875-015	**105**	**100**	**95**	70-130	
SV114-250-212	P2101875-016	**102**	**103**	**99**	70-130	
SV114-350-212	P2101875-017	**102**	**101**	**97**	70-130	
SV114-450-212	P2101875-018	**105**	**92**	**87**	70-130	
SV116-025-212	P2101875-019	**102**	**102**	**98**	70-130	
SV116-050-212	P2101875-020	**104**	**102**	**97**	70-130	
SV116-150-212	P2101875-021	**104**	**100**	**95**	70-130	
SV116-250-212	P2101875-022	**105**	**98**	**92**	70-130	
SV116-350-212	P2101875-023	**105**	**94**	**89**	70-130	
SV116-350-612	P2101875-024	**106**	**99**	**92**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	217	204	**103**	**97**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	196	189	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	206	222	215	**108**	**104**	59-132	4	25	
75-01-4	Vinyl Chloride	208	219	214	**105**	**103**	64-127	2	25	
106-99-0	1,3-Butadiene	210	245	239	**117**	**114**	66-134	3	25	
75-00-3	Chloroethane	204	218	217	**107**	**106**	63-127	0.9	25	
64-17-5	Ethanol	998	1050	1030	**105**	**103**	59-125	2	25	
67-64-1	Acetone	1,030	1050	1040	**102**	**101**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	191	188	**94**	**92**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	427	430	**105**	**105**	52-125	0	25	
75-09-2	Methylene Chloride	208	206	205	**99**	**99**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	195	193	**91**	**90**	66-126	1	25	
75-15-0	Carbon Disulfide	428	441	436	**103**	**102**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	207	207	**98**	**98**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	432	431	**105**	**105**	67-130	0	25	
141-78-6	Ethyl Acetate	422	591	584	**140**	**138**	65-128	1	25	**L**
110-54-3	n-Hexane	212	208	207	**98**	**98**	63-120	0	25	
67-66-3	Chloroform	214	205	203	**96**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	391	388	**98**	**97**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	211	209	**101**	**100**	65-128	1	25	
71-43-2	Benzene	204	178	177	**87**	**87**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	198	196	**94**	**93**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210419-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	407	406	**98**	**98**	70-117	0	25	
75-27-4	Bromodichloromethane	210	210	208	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	206	193	193	**94**	**94**	71-123	0	25	
123-91-1	1,4-Dioxane	208	189	189	**91**	**91**	71-122	0	25	
142-82-5	n-Heptane	210	209	209	**100**	**100**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	468	466	**113**	**112**	67-130	0.9	25	
108-88-3	Toluene	206	186	186	**90**	**90**	66-119	0	25	
591-78-6	2-Hexanone	404	451	451	**112**	**112**	62-128	0	25	
124-48-1	Dibromochloromethane	210	216	214	**103**	**102**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	209	208	**100**	**100**	74-122	0	25	
127-18-4	Tetrachloroethene	206	184	183	**89**	**89**	66-124	0	25	
100-41-4	Ethylbenzene	206	197	196	**96**	**95**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	389	387	**94**	**94**	61-134	0	25	
75-25-2	Bromoform	208	220	217	**106**	**104**	66-139	2	25	
100-42-5	Styrene	206	192	191	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	206	199	196	**97**	**95**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	198	196	**96**	**95**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	204	202	**100**	**99**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	380	377	**98**	**97**	55-142	1	25	
91-20-3	Naphthalene	198	205	205	**104**	**104**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	199	193	**95**	**92**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	189	185	**90**	**88**	59-128	2	25	
74-87-3	Chloromethane	206	212	206	**103**	**100**	59-132	3	25	
75-01-4	Vinyl Chloride	208	211	207	**101**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	210	237	231	**113**	**110**	66-134	3	25	
75-00-3	Chloroethane	204	215	211	**105**	**103**	63-127	2	25	
64-17-5	Ethanol	998	987	977	**99**	**98**	59-125	1	25	
67-64-1	Acetone	1,030	1000	989	**97**	**96**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	186	184	**91**	**90**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	404	404	**99**	**99**	52-125	0	25	
75-09-2	Methylene Chloride	208	201	198	**97**	**95**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	192	192	**90**	**90**	66-126	0	25	
75-15-0	Carbon Disulfide	428	425	419	**99**	**98**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	201	199	**95**	**94**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	416	416	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	422	552	551	**131**	**131**	65-128	0	25	**L**
110-54-3	n-Hexane	212	195	195	**92**	**92**	63-120	0	25	
67-66-3	Chloroform	214	198	196	**93**	**92**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	378	374	**95**	**94**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	200	200	**96**	**96**	65-128	0	25	
71-43-2	Benzene	204	173	172	**85**	**84**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	192	191	**91**	**91**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210420-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	396	395	**95**	**95**	70-117	0	25	
75-27-4	Bromodichloromethane	210	202	202	**96**	**96**	72-128	0	25	
79-01-6	Trichloroethene	206	190	190	**92**	**92**	71-123	0	25	
123-91-1	1,4-Dioxane	208	184	184	**88**	**88**	71-122	0	25	
142-82-5	n-Heptane	210	203	202	**97**	**96**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	444	443	**107**	**106**	67-130	0.9	25	
108-88-3	Toluene	206	181	181	**88**	**88**	66-119	0	25	
591-78-6	2-Hexanone	404	420	422	**104**	**104**	62-128	0	25	
124-48-1	Dibromochloromethane	210	211	210	**100**	**100**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	205	204	**99**	**98**	74-122	1	25	
127-18-4	Tetrachloroethene	206	179	180	**87**	**87**	66-124	0	25	
100-41-4	Ethylbenzene	206	191	192	**93**	**93**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	377	377	**92**	**92**	61-134	0	25	
75-25-2	Bromoform	208	214	214	**103**	**103**	66-139	0	25	
100-42-5	Styrene	206	186	186	**90**	**90**	73-127	0	25	
95-47-6	o-Xylene	206	191	192	**93**	**93**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	190	191	**92**	**93**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	194	195	**95**	**96**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	360	363	**93**	**94**	55-142	1	25	
91-20-3	Naphthalene	198	193	195	**97**	**98**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	197	195	**94**	**93**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	187	187	**89**	**89**	59-128	0	25	
74-87-3	Chloromethane	206	217	213	**105**	**103**	59-132	2	25	
75-01-4	Vinyl Chloride	208	210	209	**101**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	210	237	236	**113**	**112**	66-134	0.9	25	
75-00-3	Chloroethane	204	213	213	**104**	**104**	63-127	0	25	
64-17-5	Ethanol	998	995	1000	**100**	**100**	59-125	0	25	
67-64-1	Acetone	1,030	1000	1010	**97**	**98**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	183	185	**90**	**91**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	407	412	**100**	**101**	52-125	1	25	
75-09-2	Methylene Chloride	208	198	200	**95**	**96**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	188	191	**88**	**89**	66-126	1	25	
75-15-0	Carbon Disulfide	428	421	423	**98**	**99**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	199	201	**94**	**95**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	413	419	**100**	**102**	67-130	2	25	
141-78-6	Ethyl Acetate	422	552	558	**131**	**132**	65-128	0.8	25	**L**
110-54-3	n-Hexane	212	196	198	**92**	**93**	63-120	1	25	
67-66-3	Chloroform	214	195	197	**91**	**92**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	374	379	**94**	**95**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	198	202	**95**	**97**	65-128	2	25	
71-43-2	Benzene	204	171	172	**84**	**84**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	189	191	**90**	**91**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210421-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/21/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	392	395	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	210	199	202	**95**	**96**	72-128	1	25	
79-01-6	Trichloroethene	206	186	189	**90**	**92**	71-123	2	25	
123-91-1	1,4-Dioxane	208	182	183	**88**	**88**	71-122	0	25	
142-82-5	n-Heptane	210	201	204	**96**	**97**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	441	447	**106**	**107**	67-130	0.9	25	
108-88-3	Toluene	206	178	181	**86**	**88**	66-119	2	25	
591-78-6	2-Hexanone	404	418	425	**103**	**105**	62-128	2	25	
124-48-1	Dibromochloromethane	210	204	208	**97**	**99**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	200	203	**96**	**98**	74-122	2	25	
127-18-4	Tetrachloroethene	206	174	178	**84**	**86**	66-124	2	25	
100-41-4	Ethylbenzene	206	187	190	**91**	**92**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	377	383	**92**	**93**	61-134	1	25	
75-25-2	Bromoform	208	206	210	**99**	**101**	66-139	2	25	
100-42-5	Styrene	206	181	185	**88**	**90**	73-127	2	25	
95-47-6	o-Xylene	206	187	191	**91**	**93**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	186	190	**90**	**92**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	190	194	**93**	**95**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	351	359	**90**	**93**	55-142	3	25	
91-20-3	Naphthalene	198	188	193	**95**	**97**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 04192101.D
Analyst: Wida Ang Date Analyzed: 4/19/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 04:33
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	182242		9.16	821046		11.11		436765		15.45	
	Upper Limit	255139		9.49	1149464		11.44		611471		15.78	
	Lower Limit	109345		8.83	492628		10.78		262059		15.12	
	Client Sample ID											
01	Method Blank	159118		9.12	722071		11.10		364094		15.44	
02	Lab Control Sample	165156		9.15	744518		11.11		400662		15.45	
03	Duplicate Lab Control Sample	178118		9.15	800163		11.11		428416		15.45	
04	SV111-025-212	190242		9.12	846548		11.09		449206		15.44	
05	SV028-150-212	178196		9.12	806371		11.09		417892		15.44	
06	SV028-250-212	176851		9.12	798671		11.10		414483		15.44	
07	SV028-350-212	175652		9.12	793278		11.09		412935		15.44	
08	SV028-450-212	180103		9.12	822366		11.10		437259		15.44	
09	SV114-025-212	183482		9.12	836479		11.10		445621		15.44	
10	SV114-050-212	185321		9.12	847706		11.10		452427		15.44	
11	SV114-150-212	182481		9.12	830601		11.10		438101		15.44	
12	SV114-250-612	182829		9.12	834435		11.10		438207		15.44	
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 04202101.D
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 00:01
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	197890	9.15	887337	11.11	477300	15.45
	Upper Limit	277046	9.48	1242272	11.44	668220	15.78
	Lower Limit	118734	8.82	532402	10.78	286380	15.12
	Client Sample ID						
01	Method Blank	176058	9.12	804915	11.09	415762	15.44
02	Lab Control Sample	184295	9.14	825700	11.11	438763	15.45
03	Duplicate Lab Control Sample	184420	9.15	825828	11.11	438288	15.45
04	SV111-050-212	169738	9.12	752654	11.10	394338	15.44
05	SV111-050-612	164002	9.12	731544	11.10	383113	15.44
06	SV114-250-212	154054	9.12	690257	11.10	352272	15.44
07	SV114-350-212	157747	9.12	706044	11.10	371170	15.44
08	SV116-025-212	159303	9.12	716121	11.10	367907	15.44
09	SV116-050-212	169301	9.13	765322	11.10	396175	15.44
10	SV116-150-212	172621	9.12	784466	11.10	413735	15.44
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101875
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 04202137.D
Analyst: Simon Cao Date Analyzed: 4/20/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 22:36
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	191920		9.15	859738		11.11		465215		15.45	
	Upper Limit	268688		9.48	1203633		11.44		651301		15.78	
	Lower Limit	115152		8.82	515843		10.78		279129		15.12	
	Client Sample ID											
01	Method Blank	176111		9.12	797486		11.09		413043		15.44	
02	Lab Control Sample	183459		9.15	821863		11.11		439958		15.45	
03	Duplicate Lab Control Sample	180691		9.14	812409		11.11		433417		15.45	
04	SV111-150-212	182708		9.12	826058		11.10		440326		15.44	
05	SV111-250-212	187050		9.12	848599		11.10		448843		15.45	
06	SV111-350-212	189231		9.12	859571		11.10		453489		15.45	
07	SV111-450-212	185647		9.13	840180		11.10		446558		15.45	
08	SV114-450-212 (Dilution)	181753		9.12	825899		11.10		440354		15.45	
09	SV116-250-212	185744		9.12	838799		11.10		455078		15.44	
10	SV116-350-612	186242		9.12	844796		11.10		453850		15.45	
11	SV114-450-212	185367		9.12	840895		11.10		478582		15.45	
12	SV116-350-212	184558		9.13	838861		11.10		465565		15.45	
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

2655 Park Center Dr., Suite A
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www.alsglobal.com

LABORATORY REPORT

April 30, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 9, 2021. For your reference, these analyses have been assigned our service request number P2101894.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 8:26 am, Apr 30, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2101894
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 9, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recoveries of ethyl acetate for the Laboratory Control Samples (LCS/LCSD) analyzed on April 22 and 23, 2021 were outside the DoD specified limits but within the Laboratory generated control criterion. The recovery error equates to a potential high bias. No further corrective action was taken.

The upper control criterion was exceeded for 1,3-butadiene in the closing Continuing Calibration Verification (CCV) analyzed on April 22 and for Isopropanol in the opening and closing CCV analyzed on April 23, 2021. Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2101894-002, 013, 015, 022, 023	Propene
P2101894-002, 003, 008, 018, 022, 023	Acetone
P2101894-003	Hexane
P2101894-017	2-Butanone, Bromodichloromethane
P2101894-021	n-Nonane

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www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2101894
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2101894
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/9/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV116-450-212	P2101894-001	Air	4/6/2021	15:00	1SC01186	-3.97	7.06	X
SV117-025-212	P2101894-002	Air	4/6/2021	13:10	1SC00697	-3.66	7.55	X
SV117-050-212	P2101894-003	Air	4/6/2021	13:13	1SC00538	-2.89	7.40	X
SV117-150-212	P2101894-004	Air	4/6/2021	13:16	1SS00792	-3.12	6.47	X
SV117-250-212	P2101894-005	Air	4/6/2021	13:20	1SS00079	-3.46	7.28	X
SV117-350-212	P2101894-006	Air	4/6/2021	13:23	1SC01283	-2.93	6.98	X
SV117-450-212	P2101894-007	Air	4/6/2021	13:34	1SC00650	-5.35	7.31	X
SV124-025-212	P2101894-008	Air	4/5/2021	11:28	1SC00088	0.10	7.62	X
SV124-050-212	P2101894-009	Air	4/5/2021	11:31	1SS00064	-3.82	6.75	X
SV124-150-212	P2101894-010	Air	4/5/2021	11:35	1SS00797	-3.52	6.91	X
SV124-250-212	P2101894-011	Air	4/5/2021	11:41	1SS00957	-3.25	7.14	X
SV124-250-612	P2101894-012	Air	4/5/2021	11:41	1SC00648	-2.79	6.89	X
SV124-350-212	P2101894-013	Air	4/5/2021	11:45	1SC00415	-3.90	6.32	X
SV124-450-212	P2101894-014	Air	4/5/2021	11:55	1SC00632	-3.24	7.64	X
SV125-025-212	P2101894-015	Air	4/5/2021	12:44	1SS00066	-4.33	6.24	X
SV125-050-212	P2101894-016	Air	4/5/2021	12:48	1SS00850	-4.38	6.40	X
SV125-150-212	P2101894-017	Air	4/5/2021	12:55	1SS00884	-4.25	6.32	X
SV125-250-212	P2101894-018	Air	4/5/2021	12:58	1SS01139	-4.01	6.00	X
SV125-350-212	P2101894-019	Air	4/5/2021	13:02	1SS00993	-5.39	6.61	X
SV125-450-212	P2101894-020	Air	4/5/2021	13:11	1SS00692	-4.75	6.96	X
SV127-025-212	P2101894-021	Air	4/5/2021	10:22	1SS00495	-4.34	6.80	X
SV127-050-212	P2101894-022	Air	4/5/2021	10:27	1SC00727	-4.45	6.47	X
SV127-150-212	P2101894-023	Air	4/5/2021	10:31	1SS01137	-2.70	6.95	X
SV127-250-612	P2101894-024	Air	4/5/2021	10:38	1SS00164	-3.80	7.09	X

Air - Chain of Custody Record & Analytical Service Request

Page 3 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2101894

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: tlamond@eaest.com Amanda Smith: asmith@eaest.com Pam Moss: pmoss@eaest.com
Project Name	Kirtland AFB Bulk Fuels Facilty
Project Number	62735DM02
P.O. # / Billing Information	17682
Sampler (Print & Sign)	Tyler Carter
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV116-450-212	1	4/6/2021	15:00	1SC01186	NA	-24.0	-2.0	1L	X	None
SV117-025-212	2	4/6/2021	13:10	1SC00697	NA	-26.0	-3.0	1L	X	None
SV117-050-212	3	4/6/2021	13:13	1SC00538	NA	-25.5	0.0	1L	X	None
SV117-150-212	4	4/6/2021	13:16	1SS00792	NA	-25.0	-1.5	1L	X	None
SV117-250-212	5	4/6/2021	13:20	1SS00079	NA	-24.0	-3.0	1L	X	None
SV117-350-212	6	4/6/2021	13:23	1SC01283	NA	-25.0	-2.0	1L	X	None
SV117-450-212	7	4/6/2021	13:34	1SC00650	NA	-24.0	-5.0	1L	X	None
SV124-025-212	8	4/5/2021	11:28	1SC00088	NA	-24.0	-1.0	1L	X	None
SV124-050-212	9	4/5/2021	11:31	1SS00064	NA	-26.0	-3.5	1L	X	None
SV124-150-212	10	4/5/2021	11:35	1SS00797	NA	-26.0	-3.5	1L	X	None
SV124-250-212	11	4/5/2021	11:41	1SS00957	NA	-27.0	-3.0	1L	X	None
SV124-250-612	12	4/5/2021	11:41	1SC00648	NA	-24.5	-1.0	1L	X	None

FedEX Tracking Number: 9719 9694 8957

Shipping information: Box number 2 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

	Date:	Time:		Date:	Time:
Relinquished by: (Signature)	4-7-21	1300	Received by: (Signature)	4-9-21	930
Relinquished by: (Signature)			Received by: (Signature)		

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

Page 4 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No.: P2101894

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Faciltiy

Project Number: 62735DM02

ALS Contact: Hayden Akers
1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

P.O. # / Billing Information: 17682

Email Address for Result Reporting:
Tara Lamond: tlamond@eaest.com
Amanda Smith: asmith@eaest.com
Pam Moss: pmoss@eaest.com

Sampler (Print & Sign): Tyler Curley

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV124-350-212	13	4/5/2021	11:45	1SC00415	NA	-26.0	-3.0	1L	X	None
SV124-450-212	14	4/5/2021	11:55	1SC00632	NA	-22.5	-1.0	1L	X	None
SV125-025-212	15	4/5/2021	12:44	1SS00066	NA	-24.0	-3.5	1L	X	None
SV125-050-212	16	4/5/2021	12:48	1SS00850	NA	-26.0	-5.0	1L	X	None
SV125-150-212	17	4/5/2021	12:55	1SS00884	NA	-25.0	-3.0	1L	X	None
SV125-250-212	18	4/5/2021	12:58	1SS01139	NA	-24.5	-3.0	1L	X	None
SV125-350-212	19	4/5/2021	13:02	1SS00993	NA	-24.0	-5.0	1L	X	None
SV125-450-212	20	4/5/2021	13:11	1SS00692	NA	-26.0	-5.0	1L	X	None
SV127-025-212	21	4/5/2021	10:22	1SS00495	NA	-25.5	-5.0	1L	X	None
SV127-050-212	22	4/5/2021	10:27	1SC00727	NA	-25.5	-4.5	1L	X	None
SV127-150-212	23	4/5/2021	10:31	1SS01137	NA	-25.0	-0.5	1L	X	None
SV127-250-612	24	4/5/2021	10:38	1SS00164	NA	-26.0	-3.5	1L	X	None

FedEX Tracking Number: 9719 9694 8946

Shipping information: Box number 3 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)

Received by: (Signature) — Date: 4-9-21 — Time: 0930

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101894

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101894-001.01	1.0 L Source Can					
P2101894-002.01	1.0 L Source Can					
P2101894-003.01	1.0 L Source Can					
P2101894-004.01	1.0 L Source Silonite Canister					
P2101894-005.01	1.0 L Source Silonite Canister					
P2101894-006.01	1.0 L Source Can					
P2101894-007.01	1.0 L Source Can					
P2101894-008.01	1.0 L Source Can					
P2101894-009.01	1.0 L Source Silonite Canister					
P2101894-010.01	1.0 L Source Silonite Canister					
P2101894-011.01	1.0 L Source Silonite Canister					
P2101894-012.01	1.0 L Source Can					
P2101894-013.01	1.0 L Source Can					
P2101894-014.01	1.0 L Source Can					
P2101894-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101894

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101894-016.01	1.0 L Source Silonite Canister					
P2101894-017.01	1.0 L Source Silonite Canister					
P2101894-018.01	1.0 L Source Silonite Canister					
P2101894-019.01	1.0 L Source Silonite Canister					
P2101894-020.01	1.0 L Source Silonite Canister					
P2101894-021.01	1.0 L Source Silonite Canister					
P2101894-022.01	1.0 L Source Can					
P2101894-023.01	1.0 L Source Silonite Canister					
P2101894-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC01186

Initial Pressure (psig): -3.97 Final Pressure (psig): 7.06

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5,900**		2,500	1,500	610	
75-71-8	Dichlorodifluoromethane (CFC 12)	**180**		850	530	140	**J**
74-87-3	Chloromethane		1,300	2,000	1,300	340	**U**
75-01-4	Vinyl Chloride		540	1,700	540	180	**U**
106-99-0	1,3-Butadiene		1,200	1,900	1,200	320	**U**
75-00-3	Chloroethane		990	1,600	990	200	**U**
64-17-5	Ethanol	**2,400**		23,000	3,600	1,600	**J, B**
67-64-1	Acetone		9,200	18,000	9,200	4,100	**U**
75-69-4	Trichlorofluoromethane		460	740	460	120	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)		2,100	3,300	2,100	730	**U**
75-09-2	Methylene Chloride		750	1,200	750	350	**U**
76-13-1	Trichlorotrifluoroethane		180	560	180	81	**U**
75-15-0	Carbon Disulfide		1,400	2,600	1,400	420	**U**
75-34-3	1,1-Dichloroethane		660	1,100	660	160	**U**
78-93-3	2-Butanone (MEK)		880	2,800	880	300	**U**
141-78-6	Ethyl Acetate		1,500	2,300	1,500	630	**U**
110-54-3	n-Hexane	**78,000**		1,200	740	250	
67-66-3	Chloroform		280	880	280	120	**U**
109-99-9	Tetrahydrofuran (THF)		470	2,800	470	180	**U**
107-06-2	1,2-Dichloroethane		340	1,000	340	120	**U**
71-43-2	Benzene	**15,000**		1,300	430	200	
56-23-5	Carbon Tetrachloride		220	660	220	96	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC01186

Initial Pressure (psig): -3.97 Final Pressure (psig): 7.06

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**190,000**		2,400	800	350	
75-27-4	Bromodichloromethane		210	630	210	93	**U**
79-01-6	Trichloroethene		260	770	260	110	**U**
123-91-1	1,4-Dioxane		380	1,200	380	140	**U**
142-82-5	n-Heptane	**100,000**		1,000	630	170	
108-10-1	4-Methyl-2-pentanone		340	2,000	340	140	**U**
108-88-3	Toluene	**29,000**		1,100	370	140	
591-78-6	2-Hexanone		340	2,000	340	130	**U**
124-48-1	Dibromochloromethane		160	500	160	67	**U**
106-93-4	1,2-Dibromoethane		180	550	180	66	**U**
127-18-4	Tetrachloroethene		200	620	200	83	**U**
100-41-4	Ethylbenzene	**1,800**		970	320	140	
179601-23-1	m,p-Xylenes	**9,500**		1,900	640	260	
75-25-2	Bromoform		250	420	250	86	**U**
100-42-5	Styrene		610	990	610	160	**U**
95-47-6	o-Xylene	**6,700**		990	320	140	
108-67-8	1,3,5-Trimethylbenzene	**1,300**		880	280	130	
95-63-6	1,2,4-Trimethylbenzene	**1,000**		860	280	120	
120-82-1	1,2,4-Trichlorobenzene		350	1,100	350	140	**U**
91-20-3	Naphthalene		480	810	480	200	**U**
1330-20-7	Xylenes, Total	**16,000**		1,900	640	260	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00697

Initial Pressure (psig): -3.66 Final Pressure (psig): 7.55

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.80**		1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**20**		0.53	0.33	0.089	
74-87-3	Chloromethane	**0.84**		1.3	0.78	0.21	**J**
75-01-4	Vinyl Chloride		0.34	1.0	0.34	0.11	**U**
106-99-0	1,3-Butadiene		0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane		0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**3.8**		14	2.2	0.99	**J, B**
67-64-1	Acetone	**9.4**		11	5.7	2.6	**J**
75-69-4	Trichlorofluoromethane	**2.4**		0.46	0.29	0.073	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.58**		2.1	1.3	0.45	**J**
75-09-2	Methylene Chloride		0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**19**		0.35	0.11	0.050	
75-15-0	Carbon Disulfide	**0.33**		1.6	0.88	0.26	**J**
75-34-3	1,1-Dichloroethane		0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**1.7**		1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate		0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	**0.33**		0.75	0.46	0.16	**J**
67-66-3	Chloroform	**0.14**		0.55	0.18	0.073	**J**
109-99-9	Tetrahydrofuran (THF)	**0.28**		1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane		0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**0.23**		0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**4.3**		0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00697

Initial Pressure (psig): -3.66 Final Pressure (psig): 7.55

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.32**		1.5	0.50	0.22	**J**
75-27-4	Bromodichloromethane		0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene		0.16	0.48	0.16	0.068	**U**
123-91-1	1,4-Dioxane		0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	**1.2**		0.64	0.39	0.10	
108-10-1	4-Methyl-2-pentanone		0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**1.6**		0.70	0.23	0.087	
591-78-6	2-Hexanone		0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane		0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane		0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.67**		0.39	0.13	0.051	
100-41-4	Ethylbenzene	**0.33**		0.60	0.20	0.087	**J**
179601-23-1	m,p-Xylenes	**3.3**		1.2	0.40	0.16	
75-25-2	Bromoform	**0.060**		0.26	0.16	0.054	**J**
100-42-5	Styrene		0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**2.3**		0.62	0.20	0.090	
108-67-8	1,3,5-Trimethylbenzene	**0.85**		0.54	0.17	0.079	
95-63-6	1,2,4-Trimethylbenzene	**1.6**		0.53	0.17	0.076	
120-82-1	1,2,4-Trichlorobenzene		0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	**0.22**		0.50	0.30	0.13	**J**
1330-20-7	Xylenes, Total	**5.5**		1.2	0.40	0.16	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00538

Initial Pressure (psig): -2.89 Final Pressure (psig): 7.40

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.0**		1.4	0.87	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**21**		0.49	0.30	0.082	
74-87-3	Chloromethane	**0.65**		1.2	0.72	0.19	**J**
75-01-4	Vinyl Chloride		0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene		0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	**0.14**		0.92	0.57	0.12	**J**
64-17-5	Ethanol	**4.4**		13	2.1	0.92	**J, B**
67-64-1	Acetone	**13**		10	5.3	2.4	
75-69-4	Trichlorofluoromethane	**2.6**		0.42	0.27	0.067	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.82**		1.9	1.2	0.42	**J**
75-09-2	Methylene Chloride		0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**21**		0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**1.1**		1.5	0.81	0.24	**J**
75-34-3	1,1-Dichloroethane		0.38	0.62	0.38	0.090	**U**
78-93-3	2-Butanone (MEK)	**4.2**		1.6	0.51	0.17	
141-78-6	Ethyl Acetate		0.84	1.3	0.84	0.36	**U**
110-54-3	n-Hexane	**0.31**		0.69	0.42	0.15	**J**
67-66-3	Chloroform	**0.12**		0.51	0.16	0.068	**J**
109-99-9	Tetrahydrofuran (THF)	**4.8**		1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane		0.20	0.60	0.20	0.068	**U**
71-43-2	Benzene	**0.30**		0.76	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**5.0**		0.38	0.13	0.055	

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00538

Initial Pressure (psig): -2.89 Final Pressure (psig): 7.40

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.82**	1.4	0.46	0.20	**J**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.054	**U**
79-01-6	Trichloroethene	0.15	0.44	0.15	0.063	**U**
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.082	**U**
142-82-5	n-Heptane	**1.0**	0.59	0.37	0.097	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.083	**U**
108-88-3	Toluene	**0.91**	0.65	0.21	0.081	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.075	**U**
124-48-1	Dibromochloromethane	0.093	0.29	0.093	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.75**	0.36	0.12	0.048	
100-41-4	Ethylbenzene	**0.16**	0.56	0.18	0.081	**J**
179601-23-1	m,p-Xylenes	**1.5**	1.1	0.37	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.094	**U**
95-47-6	o-Xylene	**0.97**	0.57	0.18	0.083	
108-67-8	1,3,5-Trimethylbenzene	**0.44**	0.50	0.16	0.073	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.74**	0.49	0.16	0.070	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	**0.22**	0.46	0.28	0.12	**J**
1330-20-7	Xylenes, Total	**2.5**	1.1	0.37	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00792

Initial Pressure (psig): -3.12 Final Pressure (psig): 6.47

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.45**	1.4	0.85	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**24**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.95	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.56	0.90	0.56	0.11	**U**
64-17-5	Ethanol	**1.2**	13	2.0	0.90	**J, B**
67-64-1	Acetone	**3.5**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**2.8**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**23**	0.32	0.10	0.045	
75-15-0	Carbon Disulfide	**4.1**	1.5	0.79	0.24	
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	0.50	1.6	0.50	0.17	**U**
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	**0.22**	0.68	0.42	0.14	**J**
67-66-3	Chloroform	**1.2**	0.50	0.16	0.067	
109-99-9	Tetrahydrofuran (THF)	**0.51**	1.6	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.43**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**5.5**	0.37	0.12	0.054	

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B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00792

Initial Pressure (psig): -3.12 Final Pressure (psig): 6.47

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**0.25**	0.43	0.14	0.061	**J**
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**0.91**	0.58	0.36	0.095	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.93**	0.63	0.21	0.079	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.64**	0.35	0.11	0.047	
100-41-4	Ethylbenzene	**0.12**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**1.2**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	**0.74**	0.56	0.18	0.081	
108-67-8	1,3,5-Trimethylbenzene	**0.27**	0.49	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.46**	0.48	0.16	0.069	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	**0.17**	0.45	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**1.9**	1.1	0.36	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00079

Initial Pressure (psig): -3.46 Final Pressure (psig): 7.28

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	610	990	610	250	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	210	340	210	57	**U**
74-87-3	Chloromethane	510	820	510	140	**U**
75-01-4	Vinyl Chloride	220	680	220	73	**U**
106-99-0	1,3-Butadiene	470	770	470	130	**U**
75-00-3	Chloroethane	400	640	400	82	**U**
64-17-5	Ethanol	1,400	9,200	1,400	640	**U**
67-64-1	Acetone	3,700	7,200	3,700	1,700	**U**
75-69-4	Trichlorofluoromethane	190	300	190	47	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	840	1,300	840	290	**U**
75-09-2	Methylene Chloride	300	490	300	140	**U**
76-13-1	Trichlorotrifluoroethane	72	230	72	32	**U**
75-15-0	Carbon Disulfide	570	1,000	570	170	**U**
75-34-3	1,1-Dichloroethane	270	440	270	63	**U**
78-93-3	2-Butanone (MEK)	350	1,100	350	120	**U**
141-78-6	Ethyl Acetate	590	910	590	250	**U**
110-54-3	n-Hexane	**10,000**	480	300	100	
67-66-3	Chloroform	110	350	110	48	**U**
109-99-9	Tetrahydrofuran (THF)	190	1,100	190	74	**U**
107-06-2	1,2-Dichloroethane	140	420	140	48	**U**
71-43-2	Benzene	**990**	530	170	79	
56-23-5	Carbon Tetrachloride	88	260	88	38	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00079

Initial Pressure (psig): -3.46 Final Pressure (psig): 7.28

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**58,000**		950	320	140	
75-27-4	Bromodichloromethane		83	250	83	38	**U**
79-01-6	Trichloroethene		100	310	100	44	**U**
123-91-1	1,4-Dioxane		150	470	150	57	**U**
142-82-5	n-Heptane	**8,600**		410	260	68	
108-10-1	4-Methyl-2-pentanone		140	800	140	58	**U**
108-88-3	Toluene	**150**		450	150	56	**J**
591-78-6	2-Hexanone		140	800	140	53	**U**
124-48-1	Dibromochloromethane		65	200	65	27	**U**
106-93-4	1,2-Dibromoethane		72	220	72	26	**U**
127-18-4	Tetrachloroethene		82	250	82	33	**U**
100-41-4	Ethylbenzene		130	390	130	56	**U**
179601-23-1	m,p-Xylenes	**290**		750	260	110	**J**
75-25-2	Bromoform		100	170	100	35	**U**
100-42-5	Styrene		250	400	250	66	**U**
95-47-6	o-Xylene	**670**		400	130	58	
108-67-8	1,3,5-Trimethylbenzene	**86**		350	110	51	**J**
95-63-6	1,2,4-Trimethylbenzene		110	350	110	49	**U**
120-82-1	1,2,4-Trichlorobenzene		140	440	140	57	**U**
91-20-3	Naphthalene		190	320	190	81	**U**
1330-20-7	Xylenes, Total	**960**		750	260	110	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC01283

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**680**	190	110	46	
75-71-8	Dichlorodifluoromethane (CFC 12)	**27**	65	40	11	**J**
74-87-3	Chloromethane	95	150	95	26	**U**
75-01-4	Vinyl Chloride	41	130	41	14	**U**
106-99-0	1,3-Butadiene	89	140	89	24	**U**
75-00-3	Chloroethane	74	120	74	15	**U**
64-17-5	Ethanol	270	1,700	270	120	**U**
67-64-1	Acetone	700	1,300	700	310	**U**
75-69-4	Trichlorofluoromethane	35	56	35	8.8	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	160	250	160	55	**U**
75-09-2	Methylene Chloride	57	92	57	26	**U**
76-13-1	Trichlorotrifluoroethane	**20**	42	14	6.1	**J**
75-15-0	Carbon Disulfide	110	200	110	32	**U**
75-34-3	1,1-Dichloroethane	50	82	50	12	**U**
78-93-3	2-Butanone (MEK)	67	210	67	23	**U**
141-78-6	Ethyl Acetate	110	170	110	48	**U**
110-54-3	n-Hexane	**4,400**	91	56	19	
67-66-3	Chloroform	21	67	21	8.9	**U**
109-99-9	Tetrahydrofuran (THF)	35	210	35	14	**U**
107-06-2	1,2-Dichloroethane	26	79	26	8.9	**U**
71-43-2	Benzene	**130**	100	33	15	
56-23-5	Carbon Tetrachloride	17	50	17	7.2	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC01283

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**12,000**	180	61	27	
75-27-4	Bromodichloromethane	16	48	16	7.1	**U**
79-01-6	Trichloroethene	19	58	19	8.2	**U**
123-91-1	1,4-Dioxane	29	89	29	11	**U**
142-82-5	n-Heptane	**6,800**	78	48	13	
108-10-1	4-Methyl-2-pentanone	25	150	25	11	**U**
108-88-3	Toluene	**230**	85	28	11	
591-78-6	2-Hexanone	25	150	25	9.9	**U**
124-48-1	Dibromochloromethane	12	37	12	5.0	**U**
106-93-4	1,2-Dibromoethane	**48**	42	14	5.0	
127-18-4	Tetrachloroethene	15	47	15	6.2	**U**
100-41-4	Ethylbenzene	**65**	73	24	11	**J**
179601-23-1	m,p-Xylenes	**260**	140	48	20	
75-25-2	Bromoform	19	31	19	6.5	**U**
100-42-5	Styrene	46	75	46	12	**U**
95-47-6	o-Xylene	**890**	75	24	11	
108-67-8	1,3,5-Trimethylbenzene	**640**	66	21	9.6	
95-63-6	1,2,4-Trimethylbenzene	**470**	65	21	9.2	
120-82-1	1,2,4-Trichlorobenzene	26	83	26	11	**U**
91-20-3	Naphthalene	36	61	36	15	**U**
1330-20-7	Xylenes, Total	**1,100**	140	48	20	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00650

Initial Pressure (psig): -5.35 Final Pressure (psig): 7.31

Container Dilution Factor: 2.35

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**12,000**		2,800	1,700	710	
75-71-8	Dichlorodifluoromethane (CFC 12)	**300**		990	610	170	**J**
74-87-3	Chloromethane		1,500	2,400	1,500	390	**U**
75-01-4	Vinyl Chloride		630	1,900	630	210	**U**
106-99-0	1,3-Butadiene		1,400	2,200	1,400	370	**U**
75-00-3	Chloroethane		1,100	1,900	1,100	240	**U**
64-17-5	Ethanol	**19,000**		26,000	4,100	1,800	**J, B**
67-64-1	Acetone		11,000	21,000	11,000	4,800	**U**
75-69-4	Trichlorofluoromethane		540	850	540	140	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)		2,400	3,800	2,400	840	**U**
75-09-2	Methylene Chloride	**1,100**		1,400	870	410	**J**
76-13-1	Trichlorotrifluoroethane	**160**		650	210	93	**J**
75-15-0	Carbon Disulfide		1,600	3,000	1,600	480	**U**
75-34-3	1,1-Dichloroethane		770	1,300	770	180	**U**
78-93-3	2-Butanone (MEK)		1,000	3,200	1,000	350	**U**
141-78-6	Ethyl Acetate		1,700	2,600	1,700	730	**U**
110-54-3	n-Hexane	**120,000**		1,400	850	290	
67-66-3	Chloroform	**290**		1,000	330	140	**J**
109-99-9	Tetrahydrofuran (THF)		540	3,200	540	210	**U**
107-06-2	1,2-Dichloroethane		390	1,200	390	140	**U**
71-43-2	Benzene	**6,800**		1,500	500	230	
56-23-5	Carbon Tetrachloride		250	760	250	110	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00650

Initial Pressure (psig): -5.35 Final Pressure (psig): 7.31

Container Dilution Factor: 2.35

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**200,000**		2,700	930	410	
75-27-4	Bromodichloromethane		240	730	240	110	**U**
79-01-6	Trichloroethene		300	890	300	130	**U**
123-91-1	1,4-Dioxane		440	1,400	440	160	**U**
142-82-5	n-Heptane	**190,000**		1,200	730	200	
108-10-1	4-Methyl-2-pentanone		390	2,300	390	170	**U**
108-88-3	Toluene	**42,000**		1,300	420	160	
591-78-6	2-Hexanone		390	2,300	390	150	**U**
124-48-1	Dibromochloromethane		190	570	190	77	**U**
106-93-4	1,2-Dibromoethane	**380**		640	210	76	**J**
127-18-4	Tetrachloroethene		240	720	240	96	**U**
100-41-4	Ethylbenzene	**6,800**		1,100	370	160	
179601-23-1	m,p-Xylenes	**83,000**		2,200	740	300	
75-25-2	Bromoform		290	480	290	100	**U**
100-42-5	Styrene		710	1,100	710	190	**U**
95-47-6	o-Xylene	**29,000**		1,100	370	170	
108-67-8	1,3,5-Trimethylbenzene	**4,800**		1,000	330	150	
95-63-6	1,2,4-Trimethylbenzene	**9,600**		990	330	140	
120-82-1	1,2,4-Trichlorobenzene		410	1,300	410	160	**U**
91-20-3	Naphthalene		560	930	560	230	**U**
1330-20-7	Xylenes, Total	**110,000**		2,200	740	300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00088

Initial Pressure (psig): 0.10 Final Pressure (psig): 7.62

Container Dilution Factor: 1.51

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.47**		1.1	0.70	0.29	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**		0.40	0.24	0.066	
74-87-3	Chloromethane	**0.17**		0.95	0.59	0.16	**J**
75-01-4	Vinyl Chloride		0.25	0.78	0.25	0.084	**U**
106-99-0	1,3-Butadiene		0.55	0.89	0.55	0.15	**U**
75-00-3	Chloroethane		0.46	0.74	0.46	0.094	**U**
64-17-5	Ethanol	**29**		11	1.7	0.74	
67-64-1	Acetone	**10**		8.3	4.3	1.9	
75-69-4	Trichlorofluoromethane	**0.22**		0.34	0.22	0.054	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**		1.5	0.97	0.34	**J**
75-09-2	Methylene Chloride	**0.76**		0.57	0.35	0.16	
76-13-1	Trichlorotrifluoroethane	**0.059**		0.26	0.084	0.037	**J**
75-15-0	Carbon Disulfide	**0.68**		1.2	0.65	0.19	**J**
75-34-3	1,1-Dichloroethane		0.31	0.50	0.31	0.073	**U**
78-93-3	2-Butanone (MEK)	**1.1**		1.3	0.41	0.14	**J**
141-78-6	Ethyl Acetate		0.68	1.0	0.68	0.29	**U**
110-54-3	n-Hexane		0.34	0.56	0.34	0.12	**U**
67-66-3	Chloroform	**270**		4.1	1.3	0.55	**D**
109-99-9	Tetrahydrofuran (THF)	**0.65**		1.3	0.22	0.086	**J**
107-06-2	1,2-Dichloroethane		0.16	0.49	0.16	0.055	**U**
71-43-2	Benzene	**0.11**		0.61	0.20	0.091	**J**
56-23-5	Carbon Tetrachloride	**1.1**		0.31	0.10	0.044	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00088

Initial Pressure (psig): 0.10 Final Pressure (psig): 7.62

Container Dilution Factor: 1.51

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.37	1.1	0.37	0.16	**U**
75-27-4	Bromodichloromethane	**17**	0.29	0.096	0.043	
79-01-6	Trichloroethene	**0.63**	0.36	0.12	0.051	
123-91-1	1,4-Dioxane	0.18	0.54	0.18	0.066	**U**
142-82-5	n-Heptane	0.29	0.48	0.29	0.078	**U**
108-10-1	4-Methyl-2-pentanone	0.16	0.92	0.16	0.067	**U**
108-88-3	Toluene	**0.30**	0.52	0.17	0.065	**J**
591-78-6	2-Hexanone	**0.093**	0.92	0.16	0.061	**J**
124-48-1	Dibromochloromethane	**0.25**	0.23	0.075	0.031	
106-93-4	1,2-Dibromoethane	0.084	0.26	0.084	0.030	**U**
127-18-4	Tetrachloroethene	**0.69**	0.29	0.095	0.038	
100-41-4	Ethylbenzene	0.15	0.45	0.15	0.065	**U**
179601-23-1	m,p-Xylenes	**0.14**	0.87	0.30	0.12	**J**
75-25-2	Bromoform	0.12	0.19	0.12	0.040	**U**
100-42-5	Styrene	0.28	0.46	0.28	0.076	**U**
95-47-6	o-Xylene	0.15	0.46	0.15	0.067	**U**
108-67-8	1,3,5-Trimethylbenzene	0.13	0.41	0.13	0.059	**U**
95-63-6	1,2,4-Trimethylbenzene	0.13	0.40	0.13	0.057	**U**
120-82-1	1,2,4-Trichlorobenzene	0.16	0.51	0.16	0.066	**U**
91-20-3	Naphthalene	0.22	0.37	0.22	0.094	**U**
1330-20-7	Xylenes, Total	**0.14**	0.87	0.30	0.12	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00064

Initial Pressure (psig): -3.82 Final Pressure (psig): 6.75

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.52**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.51**	0.52	0.32	0.087	**J**
74-87-3	Chloromethane	0.76	1.2	0.76	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.20	**U**
75-00-3	Chloroethane	0.60	0.97	0.60	0.12	**U**
64-17-5	Ethanol	**3.8**	14	2.2	0.97	**J, B**
67-64-1	Acetone	**14**	11	5.6	2.5	
75-69-4	Trichlorofluoromethane	**0.22**	0.45	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.75**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	**0.72**	0.74	0.45	0.21	**J**
76-13-1	Trichlorotrifluoroethane	**0.070**	0.34	0.11	0.049	**J**
75-15-0	Carbon Disulfide	**3.3**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**2.5**	1.7	0.53	0.18	
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	0.45	0.73	0.45	0.15	**U**
67-66-3	Chloroform	**330**	5.3	1.7	0.72	**D**
109-99-9	Tetrahydrofuran (THF)	**45**	1.7	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.63	0.21	0.072	**U**
71-43-2	Benzene	0.26	0.80	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**5.0**	0.40	0.13	0.058	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00064

Initial Pressure (psig): -3.82 Final Pressure (psig): 6.75

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.21	**U**
75-27-4	Bromodichloromethane	**37**	0.38	0.13	0.057	
79-01-6	Trichloroethene	**1.1**	0.47	0.16	0.066	
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.086	**U**
142-82-5	n-Heptane	0.38	0.63	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.088	**U**
108-88-3	Toluene	**0.15**	0.68	0.22	0.085	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.079	**U**
124-48-1	Dibromochloromethane	**6.4**	0.30	0.098	0.040	
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**2.1**	0.38	0.12	0.050	
100-41-4	Ethylbenzene	0.19	0.59	0.19	0.085	**U**
179601-23-1	m,p-Xylenes	0.39	1.1	0.39	0.16	**U**
75-25-2	Bromoform	**1.2**	0.25	0.15	0.052	
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	0.19	0.60	0.19	0.087	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.12**	0.52	0.17	0.074	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.39	1.1	0.39	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00797

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.90	1.5	0.90	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.36**	0.51	0.31	0.085	**J**
74-87-3	Chloromethane	0.75	1.2	0.75	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**1.6**	14	2.1	0.95	**J, B**
67-64-1	Acetone	**4.0**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.44	0.27	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	2.0	1.2	0.43	**U**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.33	0.11	0.048	**U**
75-15-0	Carbon Disulfide	**0.89**	1.6	0.84	0.25	**J**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**0.26**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.87	1.3	0.87	0.38	**U**
110-54-3	n-Hexane	0.44	0.71	0.44	0.15	**U**
67-66-3	Chloroform	**45**	0.52	0.17	0.070	
109-99-9	Tetrahydrofuran (THF)	**0.46**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	0.26	0.79	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**5.8**	0.39	0.13	0.057	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00797

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	**3.5**	0.37	0.12	0.055	
79-01-6	Trichloroethene	**0.13**	0.46	0.15	0.065	**J**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	0.38	0.61	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**0.18**	0.67	0.22	0.083	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	**0.22**	0.29	0.096	0.040	**J**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**1.2**	0.37	0.12	0.049	
100-41-4	Ethylbenzene	0.19	0.58	0.19	0.083	**U**
179601-23-1	m,p-Xylenes	0.38	1.1	0.38	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	0.19	0.59	0.19	0.086	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.52	0.17	0.076	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.51	0.17	0.073	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	0.29	0.48	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.38	1.1	0.38	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00957

Initial Pressure (psig): -3.25 Final Pressure (psig): 7.14

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.89	1.4	0.89	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.26**	0.50	0.31	0.084	**J**
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**1.6**	13	2.1	0.94	**J, B**
67-64-1	Acetone	**4.3**	10	5.4	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.18**	0.43	0.27	0.069	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.43	**U**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.33	0.11	0.047	**U**
75-15-0	Carbon Disulfide	**2.5**	1.5	0.83	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**0.32**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	0.43	0.70	0.43	0.15	**U**
67-66-3	Chloroform	**0.77**	0.52	0.17	0.069	
109-99-9	Tetrahydrofuran (THF)	**1.6**	1.6	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.070	**U**
71-43-2	Benzene	0.25	0.78	0.25	0.12	**U**
56-23-5	Carbon Tetrachloride	**0.75**	0.39	0.13	0.056	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00957

Initial Pressure (psig): -3.25 Final Pressure (psig): 7.14

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**0.21**	0.45	0.15	0.064	**J**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	0.37	0.61	0.37	0.099	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.085	**U**
108-88-3	Toluene	0.22	0.66	0.22	0.082	**U**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.077	**U**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.060**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	0.19	0.57	0.19	0.082	**U**
179601-23-1	m,p-Xylenes	0.37	1.1	0.37	0.15	**U**
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	0.19	0.58	0.19	0.085	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.51	0.17	0.075	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.51	0.17	0.072	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.64	0.21	0.084	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	0.37	1.1	0.37	0.15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00648

Initial Pressure (psig): -2.79 Final Pressure (psig): 6.89

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.1**		1.4	0.84	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.27**		0.48	0.29	0.080	**J**
74-87-3	Chloromethane	**1.0**		1.1	0.70	0.19	**J**
75-01-4	Vinyl Chloride		0.30	0.94	0.30	0.10	**U**
106-99-0	1,3-Butadiene		0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane		0.55	0.89	0.55	0.11	**U**
64-17-5	Ethanol	**5.5**		13	2.0	0.89	**J, B**
67-64-1	Acetone	**52**		9.9	5.1	2.3	
75-69-4	Trichlorofluoromethane	**0.19**		0.41	0.26	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.60**		1.8	1.2	0.41	**J**
75-09-2	Methylene Chloride		0.42	0.68	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane		0.10	0.31	0.10	0.045	**U**
75-15-0	Carbon Disulfide	**4.2**		1.5	0.78	0.23	
75-34-3	1,1-Dichloroethane		0.37	0.60	0.37	0.087	**U**
78-93-3	2-Butanone (MEK)	**12**		1.5	0.49	0.17	
141-78-6	Ethyl Acetate		0.82	1.3	0.82	0.35	**U**
110-54-3	n-Hexane		0.41	0.67	0.41	0.14	**U**
67-66-3	Chloroform	**0.90**		0.49	0.16	0.066	
109-99-9	Tetrahydrofuran (THF)	**3.9**		1.5	0.26	0.10	
107-06-2	1,2-Dichloroethane		0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.16**		0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.65**		0.37	0.12	0.053	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00648

Initial Pressure (psig): -2.79 Final Pressure (psig): 6.89

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	**0.052**	0.35	0.11	0.052	**J**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.079	**U**
142-82-5	n-Heptane	0.35	0.57	0.35	0.094	**U**
108-10-1	4-Methyl-2-pentanone	**0.31**	1.1	0.19	0.081	**J**
108-88-3	Toluene	**0.30**	0.62	0.20	0.078	**J**
591-78-6	2-Hexanone	**0.18**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.090	0.28	0.090	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.095**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.078	**U**
179601-23-1	m,p-Xylenes	0.35	1.0	0.35	0.15	**U**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.091	**U**
95-47-6	o-Xylene	0.18	0.55	0.18	0.080	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.071	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.068	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.61	0.20	0.079	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	0.35	1.0	0.35	0.15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00415

Initial Pressure (psig): -3.90 Final Pressure (psig): 6.32

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.9**	2.9	1.8	0.74	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.33**	1.0	0.63	0.17	**J**
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.65	2.0	0.65	0.22	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.2	1.9	1.2	0.24	**U**
64-17-5	Ethanol	**2.9**	27	4.3	1.9	**J, B**
67-64-1	Acetone	11	21	11	4.9	**U**
75-69-4	Trichlorofluoromethane	0.56	0.89	0.56	0.14	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.5	4.0	2.5	0.87	**U**
75-09-2	Methylene Chloride	0.90	1.5	0.90	0.42	**U**
76-13-1	Trichlorotrifluoroethane	0.22	0.67	0.22	0.097	**U**
75-15-0	Carbon Disulfide	**2.8**	3.1	1.7	0.50	**J**
75-34-3	1,1-Dichloroethane	0.80	1.3	0.80	0.19	**U**
78-93-3	2-Butanone (MEK)	1.1	3.3	1.1	0.36	**U**
141-78-6	Ethyl Acetate	1.8	2.7	1.8	0.76	**U**
110-54-3	n-Hexane	**0.82**	1.4	0.89	0.30	**J**
67-66-3	Chloroform	0.34	1.1	0.34	0.14	**U**
109-99-9	Tetrahydrofuran (THF)	**2.1**	3.3	0.56	0.22	**J**
107-06-2	1,2-Dichloroethane	0.41	1.3	0.41	0.14	**U**
71-43-2	Benzene	**6.8**	1.6	0.52	0.24	
56-23-5	Carbon Tetrachloride	0.26	0.79	0.26	0.11	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00415

Initial Pressure (psig): -3.90 Final Pressure (psig): 6.32

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**4.9**	2.8	0.96	0.43	
75-27-4	Bromodichloromethane	0.25	0.76	0.25	0.11	**U**
79-01-6	Trichloroethene	**0.29**	0.93	0.31	0.13	**J**
123-91-1	1,4-Dioxane	0.46	1.4	0.46	0.17	**U**
142-82-5	n-Heptane	0.76	1.2	0.76	0.20	**U**
108-10-1	4-Methyl-2-pentanone	0.40	2.4	0.40	0.17	**U**
108-88-3	Toluene	**0.19**	1.3	0.44	0.17	**J**
591-78-6	2-Hexanone	0.40	2.4	0.40	0.16	**U**
124-48-1	Dibromochloromethane	0.19	0.60	0.19	0.080	**U**
106-93-4	1,2-Dibromoethane	0.22	0.66	0.22	0.079	**U**
127-18-4	Tetrachloroethene	**3.0**	0.75	0.24	0.099	
100-41-4	Ethylbenzene	0.38	1.2	0.38	0.17	**U**
179601-23-1	m,p-Xylenes	0.76	2.2	0.76	0.31	**U**
75-25-2	Bromoform	0.30	0.50	0.30	0.10	**U**
100-42-5	Styrene	0.73	1.2	0.73	0.20	**U**
95-47-6	o-Xylene	0.38	1.2	0.38	0.17	**U**
108-67-8	1,3,5-Trimethylbenzene	0.34	1.1	0.34	0.15	**U**
95-63-6	1,2,4-Trimethylbenzene	0.34	1.0	0.34	0.15	**U**
120-82-1	1,2,4-Trichlorobenzene	0.42	1.3	0.42	0.17	**U**
91-20-3	Naphthalene	0.58	0.97	0.58	0.24	**U**
1330-20-7	Xylenes, Total	0.76	2.2	0.76	0.31	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	6.0	9.8	6.0	2.5	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	2.1	3.4	2.1	0.57	**U**
74-87-3	Chloromethane	**1.7**	8.2	5.0	1.4	**J**
75-01-4	Vinyl Chloride	2.2	6.7	2.2	0.72	**U**
106-99-0	1,3-Butadiene	4.7	7.6	4.7	1.3	**U**
75-00-3	Chloroethane	3.9	6.4	3.9	0.81	**U**
64-17-5	Ethanol	**19**	91	14	6.4	**J, B**
67-64-1	Acetone	37	71	37	16	**U**
75-69-4	Trichlorofluoromethane	1.9	3.0	1.9	0.47	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	8.3	13	8.3	2.9	**U**
75-09-2	Methylene Chloride	3.0	4.9	3.0	1.4	**U**
76-13-1	Trichlorotrifluoroethane	0.72	2.2	0.72	0.32	**U**
75-15-0	Carbon Disulfide	**12**	10	5.6	1.7	
75-34-3	1,1-Dichloroethane	2.7	4.3	2.7	0.63	**U**
78-93-3	2-Butanone (MEK)	**6.7**	11	3.5	1.2	**J**
141-78-6	Ethyl Acetate	5.9	9.0	5.9	2.5	**U**
110-54-3	n-Hexane	**4.4**	4.8	3.0	1.0	**J**
67-66-3	Chloroform	**44**	3.5	1.1	0.47	
109-99-9	Tetrahydrofuran (THF)	**6.4**	11	1.9	0.74	**J**
107-06-2	1,2-Dichloroethane	1.4	4.2	1.4	0.47	**U**
71-43-2	Benzene	**16**	5.3	1.7	0.78	
56-23-5	Carbon Tetrachloride	**4.0**	2.6	0.88	0.38	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**42**	9.4	3.2	1.4	
75-27-4	Bromodichloromethane	**3.9**	2.5	0.83	0.37	
79-01-6	Trichloroethene	1.0	3.1	1.0	0.44	**U**
123-91-1	1,4-Dioxane	1.5	4.7	1.5	0.57	**U**
142-82-5	n-Heptane	2.5	4.1	2.5	0.67	**U**
108-10-1	4-Methyl-2-pentanone	1.3	7.9	1.3	0.58	**U**
108-88-3	Toluene	**13**	4.5	1.5	0.56	
591-78-6	2-Hexanone	1.3	7.9	1.3	0.52	**U**
124-48-1	Dibromochloromethane	0.65	2.0	0.65	0.27	**U**
106-93-4	1,2-Dibromoethane	0.72	2.2	0.72	0.26	**U**
127-18-4	Tetrachloroethene	**0.98**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	1.3	3.9	1.3	0.56	**U**
179601-23-1	m,p-Xylenes	**1.3**	7.5	2.5	1.0	**J**
75-25-2	Bromoform	1.0	1.7	1.0	0.35	**U**
100-42-5	Styrene	2.4	4.0	2.4	0.66	**U**
95-47-6	o-Xylene	**1.2**	4.0	1.3	0.58	**J**
108-67-8	1,3,5-Trimethylbenzene	1.1	3.5	1.1	0.51	**U**
95-63-6	1,2,4-Trimethylbenzene	1.1	3.4	1.1	0.49	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	1.9	3.2	1.9	0.81	**U**
1330-20-7	Xylenes, Total	**2.4**	7.5	2.5	1.0	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00066

Initial Pressure (psig): -4.33 Final Pressure (psig): 6.24

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.43**		1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**		0.53	0.33	0.089	**J**
74-87-3	Chloromethane		0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride		0.34	1.0	0.34	0.11	**U**
106-99-0	1,3-Butadiene		0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane		0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**11**		14	2.2	0.99	**J, B**
67-64-1	Acetone	**7.4**		11	5.7	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.22**		0.46	0.29	0.073	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.88**		2.1	1.3	0.45	**J**
75-09-2	Methylene Chloride	**0.49**		0.76	0.47	0.22	**J**
76-13-1	Trichlorotrifluoroethane	**0.063**		0.35	0.11	0.050	**J**
75-15-0	Carbon Disulfide	**0.96**		1.6	0.88	0.26	**J**
75-34-3	1,1-Dichloroethane		0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**1.5**		1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate		0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane		0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	**150**		5.5	1.8	0.73	**D**
109-99-9	Tetrahydrofuran (THF)	**2.8**		1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane		0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**0.13**		0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**1.1**		0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00066

Initial Pressure (psig): -4.33 Final Pressure (psig): 6.24

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**12**	0.39	0.13	0.058	
79-01-6	Trichloroethene	**0.25**	0.48	0.16	0.068	**J**
123-91-1	1,4-Dioxane	**0.41**	0.73	0.24	0.088	**J**
142-82-5	n-Heptane	0.39	0.64	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.25**	0.70	0.23	0.087	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	**0.13**	0.31	0.10	0.042	**J**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**1.4**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	0.20	0.60	0.20	0.087	**U**
179601-23-1	m,p-Xylenes	0.40	1.2	0.40	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.62	0.20	0.090	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.076	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	0.40	1.2	0.40	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-016

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00850

Initial Pressure (psig): -4.38 Final Pressure (psig): 6.40

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.95	1.5	0.95	0.39	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.53**	0.54	0.33	0.090	**J**
74-87-3	Chloromethane	0.79	1.3	0.79	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.74	1.2	0.74	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**3.4**	14	2.2	1.0	**J, B**
67-64-1	Acetone	**3.7**	11	5.8	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.46	0.29	0.074	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.46	**U**
75-09-2	Methylene Chloride	**0.78**	0.76	0.47	0.22	
76-13-1	Trichlorotrifluoroethane	**0.059**	0.35	0.11	0.051	**J**
75-15-0	Carbon Disulfide	**0.72**	1.6	0.88	0.26	**J**
75-34-3	1,1-Dichloroethane	0.42	0.68	0.42	0.098	**U**
78-93-3	2-Butanone (MEK)	**0.32**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	0.92	1.4	0.92	0.40	**U**
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	**260**	5.5	1.8	0.74	**D**
109-99-9	Tetrahydrofuran (THF)	**4.7**	1.7	0.29	0.12	
107-06-2	1,2-Dichloroethane	0.21	0.66	0.21	0.074	**U**
71-43-2	Benzene	0.27	0.83	0.27	0.12	**U**
56-23-5	Carbon Tetrachloride	**3.7**	0.41	0.14	0.060	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-016

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00850

Initial Pressure (psig): -4.38 Final Pressure (psig): 6.40

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**34**	0.40	0.13	0.059	
79-01-6	Trichloroethene	**0.50**	0.48	0.16	0.068	
123-91-1	1,4-Dioxane	**0.10**	0.74	0.24	0.089	**J**
142-82-5	n-Heptane	0.40	0.65	0.40	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.091	**U**
108-88-3	Toluene	**0.13**	0.70	0.23	0.088	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.082	**U**
124-48-1	Dibromochloromethane	**0.83**	0.31	0.10	0.042	
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**2.1**	0.39	0.13	0.052	
100-41-4	Ethylbenzene	0.20	0.61	0.20	0.088	**U**
179601-23-1	m,p-Xylenes	0.40	1.2	0.40	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.62	0.20	0.090	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.55	0.18	0.080	**U**
95-63-6	1,2,4-Trimethylbenzene	0.18	0.54	0.18	0.077	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.69	0.22	0.089	**U**
91-20-3	Naphthalene	0.30	0.51	0.30	0.13	**U**
1330-20-7	Xylenes, Total	0.40	1.2	0.40	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-017

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -4.25 Final Pressure (psig): 6.32

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.93	1.5	0.93	0.38	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.33**	0.53	0.33	0.088	**J**
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	0.99	0.61	0.13	**U**
64-17-5	Ethanol	**2.3**	14	2.2	0.99	**J, B**
67-64-1	Acetone	**4.9**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.29**	0.46	0.29	0.072	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	2.0	1.3	0.45	**J**
75-09-2	Methylene Chloride	0.46	0.75	0.46	0.22	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.35	0.11	0.050	**U**
75-15-0	Carbon Disulfide	**1.4**	1.6	0.87	0.26	**J**
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**0.50**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	0.46	0.74	0.46	0.16	**U**
67-66-3	Chloroform	**16**	0.55	0.17	0.073	
109-99-9	Tetrahydrofuran (THF)	**4.3**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.073	**U**
71-43-2	Benzene	0.27	0.82	0.27	0.12	**U**
56-23-5	Carbon Tetrachloride	**5.8**	0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-017

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -4.25 Final Pressure (psig): 6.32

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**0.47**	0.39	0.13	0.058	
79-01-6	Trichloroethene	**14**	0.48	0.16	0.067	
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	0.39	0.64	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	0.23	0.69	0.23	0.087	**U**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.93**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	0.20	0.60	0.20	0.087	**U**
179601-23-1	m,p-Xylenes	0.39	1.2	0.39	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.053	**U**
100-42-5	Styrene	0.38	0.61	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.61	0.20	0.089	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.076	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.12	**U**
1330-20-7	Xylenes, Total	0.39	1.2	0.39	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-018

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01139

Initial Pressure (psig): -4.01 Final Pressure (psig): 6.00

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.90	1.5	0.90	0.37	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.13**	0.51	0.31	0.085	**J**
74-87-3	Chloromethane	0.75	1.2	0.75	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.96	0.59	0.12	**U**
64-17-5	Ethanol	**4.7**	14	2.1	0.95	**J, B**
67-64-1	Acetone	**9.4**	11	5.5	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.44	0.28	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.64**	2.0	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.45	0.73	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.34	0.11	0.048	**U**
75-15-0	Carbon Disulfide	**1.1**	1.6	0.84	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**1.4**	1.6	0.53	0.18	**J**
141-78-6	Ethyl Acetate	0.88	1.3	0.88	0.38	**U**
110-54-3	n-Hexane	0.44	0.72	0.44	0.15	**U**
67-66-3	Chloroform	**0.27**	0.53	0.17	0.071	**J**
109-99-9	Tetrahydrofuran (THF)	**2.9**	1.6	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.071	**U**
71-43-2	Benzene	0.26	0.79	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**0.25**	0.39	0.13	0.057	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-018

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01139

Initial Pressure (psig): -4.01 Final Pressure (psig): 6.00

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.38	0.12	0.056	**U**
79-01-6	Trichloroethene	0.15	0.46	0.15	0.065	**U**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.085	**U**
142-82-5	n-Heptane	0.38	0.62	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**0.40**	0.67	0.22	0.084	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	0.097	0.30	0.097	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	0.12	0.37	0.12	0.049	**U**
100-41-4	Ethylbenzene	0.19	0.58	0.19	0.084	**U**
179601-23-1	m,p-Xylenes	0.38	1.1	0.38	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.098	**U**
95-47-6	o-Xylene	0.19	0.59	0.19	0.086	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.52	0.17	0.076	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.51	0.17	0.073	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	0.29	0.48	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.38	1.1	0.38	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00993

Initial Pressure (psig): -5.39 Final Pressure (psig): 6.61

Container Dilution Factor: 2.29

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.1	1.7	1.1	0.43	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.37	0.60	0.37	0.10	**U**
74-87-3	Chloromethane	0.89	1.4	0.89	0.24	**U**
75-01-4	Vinyl Chloride	0.38	1.2	0.38	0.13	**U**
106-99-0	1,3-Butadiene	0.83	1.3	0.83	0.23	**U**
75-00-3	Chloroethane	0.69	1.1	0.69	0.14	**U**
64-17-5	Ethanol	**8.7**	16	2.5	1.1	**J**
67-64-1	Acetone	6.5	13	6.5	2.9	**U**
75-69-4	Trichlorofluoromethane	0.33	0.52	0.33	0.083	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.5	2.3	1.5	0.51	**U**
75-09-2	Methylene Chloride	0.53	0.86	0.53	0.25	**U**
76-13-1	Trichlorotrifluoroethane	0.13	0.40	0.13	0.057	**U**
75-15-0	Carbon Disulfide	**1.3**	1.8	0.99	0.29	**J**
75-34-3	1,1-Dichloroethane	0.47	0.76	0.47	0.11	**U**
78-93-3	2-Butanone (MEK)	**0.37**	1.9	0.62	0.21	**J**
141-78-6	Ethyl Acetate	1.0	1.6	1.0	0.45	**U**
110-54-3	n-Hexane	**0.37**	0.84	0.52	0.18	**J**
67-66-3	Chloroform	**0.13**	0.62	0.20	0.083	**J**
109-99-9	Tetrahydrofuran (THF)	**3.0**	1.9	0.33	0.13	
107-06-2	1,2-Dichloroethane	0.24	0.74	0.24	0.083	**U**
71-43-2	Benzene	0.30	0.93	0.30	0.14	**U**
56-23-5	Carbon Tetrachloride	0.15	0.46	0.15	0.067	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00993

Initial Pressure (psig): -5.39 Final Pressure (psig): 6.61

Container Dilution Factor: 2.29

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.3**	1.7	0.57	0.25	**J**
75-27-4	Bromodichloromethane	0.15	0.44	0.15	0.066	**U**
79-01-6	Trichloroethene	**0.78**	0.54	0.18	0.077	
123-91-1	1,4-Dioxane	0.27	0.83	0.27	0.10	**U**
142-82-5	n-Heptane	0.45	0.73	0.45	0.12	**U**
108-10-1	4-Methyl-2-pentanone	0.24	1.4	0.24	0.10	**U**
108-88-3	Toluene	**0.14**	0.79	0.26	0.099	**J**
591-78-6	2-Hexanone	0.24	1.4	0.24	0.092	**U**
124-48-1	Dibromochloromethane	0.11	0.35	0.11	0.047	**U**
106-93-4	1,2-Dibromoethane	0.13	0.39	0.13	0.046	**U**
127-18-4	Tetrachloroethene	0.14	0.44	0.14	0.058	**U**
100-41-4	Ethylbenzene	0.22	0.69	0.22	0.099	**U**
179601-23-1	m,p-Xylenes	0.45	1.3	0.45	0.18	**U**
75-25-2	Bromoform	0.18	0.29	0.18	0.061	**U**
100-42-5	Styrene	0.43	0.70	0.43	0.12	**U**
95-47-6	o-Xylene	0.22	0.70	0.22	0.10	**U**
108-67-8	1,3,5-Trimethylbenzene	0.20	0.62	0.20	0.090	**U**
95-63-6	1,2,4-Trimethylbenzene	0.20	0.61	0.20	0.086	**U**
120-82-1	1,2,4-Trichlorobenzene	0.25	0.77	0.25	0.10	**U**
91-20-3	Naphthalene	0.34	0.57	0.34	0.14	**U**
1330-20-7	Xylenes, Total	0.45	1.3	0.45	0.18	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00692

Initial Pressure (psig): -4.75 Final Pressure (psig): 6.96

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	58	94	58	24	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	20	33	20	5.5	**U**
74-87-3	Chloromethane	**19**	78	48	13	**J**
75-01-4	Vinyl Chloride	21	65	21	6.9	**U**
106-99-0	1,3-Butadiene	45	73	45	12	**U**
75-00-3	Chloroethane	38	61	38	7.8	**U**
64-17-5	Ethanol	**160**	880	140	61	**J, B**
67-64-1	Acetone	350	680	350	160	**U**
75-69-4	Trichlorofluoromethane	18	28	18	4.5	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	80	130	80	28	**U**
75-09-2	Methylene Chloride	29	47	29	13	**U**
76-13-1	Trichlorotrifluoroethane	6.9	22	6.9	3.1	**U**
75-15-0	Carbon Disulfide	**69**	100	54	16	**J**
75-34-3	1,1-Dichloroethane	25	42	25	6.0	**U**
78-93-3	2-Butanone (MEK)	34	110	34	12	**U**
141-78-6	Ethyl Acetate	56	86	56	24	**U**
110-54-3	n-Hexane	28	46	28	9.7	**U**
67-66-3	Chloroform	**83**	34	11	4.5	
109-99-9	Tetrahydrofuran (THF)	**14**	110	18	7.1	**J**
107-06-2	1,2-Dichloroethane	13	40	13	4.5	**U**
71-43-2	Benzene	**53**	51	17	7.5	
56-23-5	Carbon Tetrachloride	8.4	25	8.4	3.7	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00692

Initial Pressure (psig): -4.75 Final Pressure (psig): 6.96

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	31	91	31	14	**U**
75-27-4	Bromodichloromethane	**5.1**	24	7.9	3.6	**J**
79-01-6	Trichloroethene	9.9	30	9.9	4.2	**U**
123-91-1	1,4-Dioxane	15	45	15	5.4	**U**
142-82-5	n-Heptane	24	40	24	6.5	**U**
108-10-1	4-Methyl-2-pentanone	13	76	13	5.5	**U**
108-88-3	Toluene	**130**	43	14	5.4	
591-78-6	2-Hexanone	13	76	13	5.0	**U**
124-48-1	Dibromochloromethane	6.2	19	6.2	2.6	**U**
106-93-4	1,2-Dibromoethane	6.9	21	6.9	2.5	**U**
127-18-4	Tetrachloroethene	7.8	24	7.8	3.2	**U**
100-41-4	Ethylbenzene	**7.6**	37	12	5.4	**J**
179601-23-1	m,p-Xylenes	**14**	72	24	10	**J**
75-25-2	Bromoform	9.6	16	9.6	3.3	**U**
100-42-5	Styrene	23	38	23	6.3	**U**
95-47-6	o-Xylene	12	38	12	5.5	**U**
108-67-8	1,3,5-Trimethylbenzene	11	34	11	4.9	**U**
95-63-6	1,2,4-Trimethylbenzene	11	33	11	4.7	**U**
120-82-1	1,2,4-Trichlorobenzene	13	42	13	5.5	**U**
91-20-3	Naphthalene	18	31	18	7.7	**U**
1330-20-7	Xylenes, Total	**14**	72	24	10	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00495

Initial Pressure (psig): -4.34 Final Pressure (psig): 6.80

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.97	1.6	0.97	0.39	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.48**	0.55	0.34	0.092	**J**
74-87-3	Chloromethane	0.81	1.3	0.81	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.75	1.2	0.75	0.21	**U**
75-00-3	Chloroethane	0.63	1.0	0.63	0.13	**U**
64-17-5	Ethanol	**17**	15	2.3	1.0	
67-64-1	Acetone	5.9	11	5.9	2.6	**U**
75-69-4	Trichlorofluoromethane	**0.22**	0.47	0.30	0.075	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	2.1	1.3	0.47	**J**
75-09-2	Methylene Chloride	**1.0**	0.78	0.48	0.22	
76-13-1	Trichlorotrifluoroethane	**0.056**	0.36	0.12	0.052	**J**
75-15-0	Carbon Disulfide	**0.30**	1.7	0.90	0.27	**J**
75-34-3	1,1-Dichloroethane	0.42	0.69	0.42	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.3**	1.8	0.56	0.19	**J**
141-78-6	Ethyl Acetate	0.94	1.4	0.94	0.40	**U**
110-54-3	n-Hexane	**0.99**	0.77	0.47	0.16	
67-66-3	Chloroform	**120**	5.6	1.8	0.76	**D**
109-99-9	Tetrahydrofuran (THF)	**0.75**	1.8	0.30	0.12	**J**
107-06-2	1,2-Dichloroethane	0.22	0.67	0.22	0.076	**U**
71-43-2	Benzene	**0.22**	0.85	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	**1.8**	0.42	0.14	0.061	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00495

Initial Pressure (psig): -4.34 Final Pressure (psig): 6.80

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.32**	1.5	0.51	0.23	**J**
75-27-4	Bromodichloromethane	**8.8**	0.40	0.13	0.060	
79-01-6	Trichloroethene	**0.82**	0.49	0.16	0.070	
123-91-1	1,4-Dioxane	0.25	0.75	0.25	0.091	**U**
142-82-5	n-Heptane	**0.33**	0.66	0.41	0.11	**J**
108-10-1	4-Methyl-2-pentanone	**0.21**	1.3	0.22	0.093	**J**
108-88-3	Toluene	**7.0**	0.72	0.23	0.090	
591-78-6	2-Hexanone	**0.28**	1.3	0.22	0.084	**J**
124-48-1	Dibromochloromethane	**0.091**	0.32	0.10	0.043	**J**
106-93-4	1,2-Dibromoethane	0.12	0.35	0.12	0.042	**U**
127-18-4	Tetrachloroethene	**0.52**	0.40	0.13	0.053	
100-41-4	Ethylbenzene	**0.28**	0.62	0.20	0.090	**J**
179601-23-1	m,p-Xylenes	**0.84**	1.2	0.41	0.17	**J**
75-25-2	Bromoform	0.16	0.27	0.16	0.055	**U**
100-42-5	Styrene	**0.21**	0.64	0.39	0.11	**J**
95-47-6	o-Xylene	**0.31**	0.63	0.20	0.092	**J**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.56	0.18	0.081	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.15**	0.55	0.18	0.078	**J**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.70	0.22	0.091	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	**1.2**	1.2	0.41	0.17	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.47

Container Dilution Factor: 2.07

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.52**	1.6	0.96	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.51**	0.54	0.34	0.091	**J**
74-87-3	Chloromethane	0.80	1.3	0.80	0.22	**U**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.12	**U**
106-99-0	1,3-Butadiene	0.75	1.2	0.75	0.21	**U**
75-00-3	Chloroethane	0.63	1.0	0.63	0.13	**U**
64-17-5	Ethanol	**5.6**	15	2.3	1.0	**J**
67-64-1	Acetone	**12**	11	5.9	2.6	
75-69-4	Trichlorofluoromethane	**0.23**	0.47	0.29	0.075	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.56**	2.1	1.3	0.46	**J**
75-09-2	Methylene Chloride	0.48	0.77	0.48	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.057**	0.36	0.11	0.051	**J**
75-15-0	Carbon Disulfide	**1.7**	1.7	0.90	0.27	**J**
75-34-3	1,1-Dichloroethane	0.42	0.69	0.42	0.10	**U**
78-93-3	2-Butanone (MEK)	**4.3**	1.8	0.56	0.19	
141-78-6	Ethyl Acetate	0.93	1.4	0.93	0.40	**U**
110-54-3	n-Hexane	0.47	0.76	0.47	0.16	**U**
67-66-3	Chloroform	**120**	5.6	1.8	0.75	**D**
109-99-9	Tetrahydrofuran (THF)	**22**	1.8	0.30	0.12	
107-06-2	1,2-Dichloroethane	0.22	0.67	0.22	0.075	**U**
71-43-2	Benzene	0.28	0.84	0.28	0.12	**U**
56-23-5	Carbon Tetrachloride	**3.6**	0.42	0.14	0.061	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.47

Container Dilution Factor: 2.07

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.51	1.5	0.51	0.23	**U**
75-27-4	Bromodichloromethane	**13**	0.40	0.13	0.060	
79-01-6	Trichloroethene	**0.51**	0.49	0.16	0.069	
123-91-1	1,4-Dioxane	**0.15**	0.75	0.24	0.091	**J**
142-82-5	n-Heptane	0.40	0.66	0.40	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.3	0.21	0.092	**U**
108-88-3	Toluene	**0.23**	0.71	0.23	0.089	**J**
591-78-6	2-Hexanone	**0.47**	1.3	0.21	0.083	**J**
124-48-1	Dibromochloromethane	**2.2**	0.32	0.10	0.043	
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.042	**U**
127-18-4	Tetrachloroethene	**1.0**	0.40	0.13	0.053	
100-41-4	Ethylbenzene	0.20	0.62	0.20	0.089	**U**
179601-23-1	m,p-Xylenes	0.41	1.2	0.41	0.17	**U**
75-25-2	Bromoform	**0.22**	0.27	0.16	0.055	**J**
100-42-5	Styrene	0.39	0.63	0.39	0.10	**U**
95-47-6	o-Xylene	0.20	0.63	0.20	0.092	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.56	0.18	0.081	**U**
95-63-6	1,2,4-Trimethylbenzene	0.18	0.55	0.18	0.078	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.70	0.22	0.091	**U**
91-20-3	Naphthalene	0.31	0.51	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.41	1.2	0.41	0.17	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01137

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.95

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.58**	1.4	0.84	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.27**	0.47	0.29	0.079	**J**
74-87-3	Chloromethane	0.70	1.1	0.70	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.93	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.55	0.89	0.55	0.11	**U**
64-17-5	Ethanol	**4.6**	13	2.0	0.88	**J**
67-64-1	Acetone	**7.1**	9.9	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.25**	0.41	0.26	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.8	1.2	0.40	**U**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	0.10	0.31	0.10	0.045	**U**
75-15-0	Carbon Disulfide	**0.26**	1.4	0.78	0.23	**J**
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.087	**U**
78-93-3	2-Butanone (MEK)	**1.0**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	0.81	1.2	0.81	0.35	**U**
110-54-3	n-Hexane	0.41	0.66	0.41	0.14	**U**
67-66-3	Chloroform	**18**	0.49	0.16	0.065	
109-99-9	Tetrahydrofuran (THF)	**0.36**	1.5	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.26**	0.73	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**3.1**	0.36	0.12	0.053	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01137

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.95

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.44	1.3	0.44	0.20	**U**
75-27-4	Bromodichloromethane	**1.1**	0.35	0.11	0.052	
79-01-6	Trichloroethene	0.14	0.43	0.14	0.060	**U**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.079	**U**
142-82-5	n-Heptane	**0.12**	0.57	0.35	0.093	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.080	**U**
108-88-3	Toluene	**0.51**	0.62	0.20	0.078	**J**
591-78-6	2-Hexanone	**0.28**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.090	0.27	0.090	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.30	0.10	0.036	**U**
127-18-4	Tetrachloroethene	**0.44**	0.35	0.11	0.046	
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.078	**U**
179601-23-1	m,p-Xylenes	**0.27**	1.0	0.35	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.091	**U**
95-47-6	o-Xylene	**0.091**	0.55	0.18	0.080	**J**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.071	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.068	**U**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.61	0.19	0.079	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**0.36**	1.0	0.35	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00164

Initial Pressure (psig): -3.80 Final Pressure (psig): 7.09

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.93	1.5	0.93	0.38	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.20**	0.53	0.32	0.088	**J**
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.61	0.99	0.61	0.13	**U**
64-17-5	Ethanol	**1.3**	14	2.2	0.98	**J**
67-64-1	Acetone	**4.0**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.24**	0.45	0.28	0.072	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.46	0.75	0.46	0.22	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.35	0.11	0.050	**U**
75-15-0	Carbon Disulfide	**2.6**	1.6	0.87	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.096	**U**
78-93-3	2-Butanone (MEK)	**0.33**	1.7	0.54	0.19	**J**
141-78-6	Ethyl Acetate	0.90	1.4	0.90	0.39	**U**
110-54-3	n-Hexane	0.45	0.74	0.45	0.16	**U**
67-66-3	Chloroform	**0.81**	0.54	0.17	0.073	
109-99-9	Tetrahydrofuran (THF)	**0.67**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.073	**U**
71-43-2	Benzene	**0.12**	0.81	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.65**	0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00164

Initial Pressure (psig): -3.80 Final Pressure (psig): 7.09

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.5	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.067	**U**
123-91-1	1,4-Dioxane	0.24	0.72	0.24	0.087	**U**
142-82-5	n-Heptane	0.39	0.63	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.089	**U**
108-88-3	Toluene	**0.18**	0.69	0.23	0.086	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	0.13	0.38	0.13	0.051	**U**
100-41-4	Ethylbenzene	0.20	0.60	0.20	0.086	**U**
179601-23-1	m,p-Xylenes	0.39	1.2	0.39	0.16	**U**
75-25-2	Bromoform	0.15	0.26	0.15	0.053	**U**
100-42-5	Styrene	0.38	0.61	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.61	0.20	0.089	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.078	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.075	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.67	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.12	**U**
1330-20-7	Xylenes, Total	0.39	1.2	0.39	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	**0.29**	2.8	0.44	0.20	**J**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101894

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/5 - 4/6/21
Analyst: Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/22 - 4/27/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210422-MB	**90**	**107**	**101**	70-130	
Method Blank	P210423-MB	**108**	**102**	**94**	70-130	
Method Blank	P210427-MB	**109**	**102**	**96**	70-130	
Lab Control Sample	P210422-LCS	**95**	**102**	**100**	70-130	
Lab Control Sample	P210423-LCS	**97**	**102**	**100**	70-130	
Lab Control Sample	P210427-LCS	**116**	**96**	**92**	70-130	
Duplicate Lab Control Sample	P210422-DLCS	**105**	**98**	**98**	70-130	
Duplicate Lab Control Sample	P210423-DLCS	**96**	**102**	**101**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**111**	**98**	**96**	70-130	
SV116-450-212	P2101894-001	**92**	**102**	**101**	70-130	
SV117-025-212	P2101894-002	**93**	**106**	**108**	70-130	
SV117-050-212	P2101894-003	**94**	**104**	**106**	70-130	
SV117-150-212	P2101894-004	**97**	**104**	**104**	70-130	
SV117-250-212	P2101894-005	**92**	**106**	**106**	70-130	
SV117-350-212	P2101894-006	**92**	**84**	**88**	70-130	
SV117-450-212	P2101894-007	**92**	**100**	**102**	70-130	
SV124-025-212	P2101894-008	**107**	**102**	**100**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101894

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/5 - 4/6/21
Analyst: Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/22 - 4/27/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV124-050-212	P2101894-009	**103**	**102**	**101**	70-130	
SV124-150-212	P2101894-010	**103**	**102**	**101**	70-130	
SV124-250-212	P2101894-011	**106**	**102**	**98**	70-130	
SV124-250-612	P2101894-012	**106**	**100**	**97**	70-130	
SV124-350-212	P2101894-013	**105**	**103**	**99**	70-130	
SV124-450-212	P2101894-014	**97**	**103**	**104**	70-130	
SV124-450-212	P2101894-014DUP	**98**	**107**	**104**	70-130	
SV125-025-212	P2101894-015	**94**	**104**	**107**	70-130	
SV125-050-212	P2101894-016	**107**	**102**	**96**	70-130	
SV125-150-212	P2101894-017	**113**	**102**	**94**	70-130	
SV125-250-212	P2101894-018	**113**	**101**	**93**	70-130	
SV125-350-212	P2101894-019	**108**	**102**	**99**	70-130	
SV125-450-212	P2101894-020	**92**	**106**	**108**	70-130	
SV127-025-212	P2101894-021	**113**	**102**	**96**	70-130	
SV127-050-212	P2101894-022	**110**	**100**	**95**	70-130	
SV127-150-212	P2101894-023	**114**	**101**	**94**	70-130	
SV127-250-612	P2101894-024	**113**	**101**	**93**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	115	129	**94**	**106**	57-136	12	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.3	44.2	**97**	**104**	59-128	7	25	
74-87-3	Chloromethane	99.8	98.1	107	**98**	**107**	59-132	9	25	
75-01-4	Vinyl Chloride	81.4	83.2	89.4	**102**	**110**	64-127	8	25	
106-99-0	1,3-Butadiene	95.0	106	111	**112**	**117**	66-134	4	25	
75-00-3	Chloroethane	77.3	80.0	80.2	**103**	**104**	63-127	1	25	
64-17-5	Ethanol	530	479	490	**90**	**92**	59-125	2	25	
67-64-1	Acetone	435	427	442	**98**	**102**	58-128	4	25	
75-69-4	Trichlorofluoromethane	36.3	36.4	37.7	**100**	**104**	62-126	4	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	182	187	**110**	**113**	52-125	3	25	
75-09-2	Methylene Chloride	59.9	64.5	63.6	**108**	**106**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.3	28.0	**101**	**100**	66-126	1	25	
75-15-0	Carbon Disulfide	137	136	136	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	53.4	55.5	**102**	**106**	68-126	4	25	
78-93-3	2-Butanone (MEK)	140	151	153	**108**	**109**	67-130	0.9	25	
141-78-6	Ethyl Acetate	117	155	163	**132**	**139**	65-128	5	25	**L**
110-54-3	n-Hexane	60.2	56.8	59.9	**94**	**100**	63-120	6	25	
67-66-3	Chloroform	43.8	44.4	46.2	**101**	**105**	68-123	4	25	
109-99-9	Tetrahydrofuran (THF)	136	139	141	**102**	**104**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	52.3	56.6	**102**	**110**	65-128	8	25	
71-43-2	Benzene	63.9	66.2	68.0	**104**	**106**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	33.1	35.1	**99**	**105**	68-132	6	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	125	128	**103**	**106**	70-117	3	25	
75-27-4	Bromodichloromethane	31.4	33.1	35.0	**105**	**111**	72-128	6	25	
79-01-6	Trichloroethene	38.3	41.1	40.8	**107**	**107**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	60.4	61.0	**105**	**106**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	56.7	55.5	**111**	**108**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	102	112	116	**110**	**114**	67-130	4	25	
108-88-3	Toluene	54.7	59.1	56.6	**108**	**103**	66-119	5	25	
591-78-6	2-Hexanone	98.7	107	110	**108**	**111**	62-128	3	25	
124-48-1	Dibromochloromethane	24.7	29.5	28.2	**119**	**114**	70-130	4	25	
106-93-4	1,2-Dibromoethane	27.1	32.3	31.0	**119**	**114**	74-122	4	25	
127-18-4	Tetrachloroethene	30.4	33.9	31.8	**112**	**105**	66-124	6	25	
100-41-4	Ethylbenzene	47.4	53.8	52.3	**114**	**110**	70-124	4	25	
179601-23-1	m,p-Xylenes	94.9	106	103	**112**	**109**	61-134	3	25	
75-25-2	Bromoform	20.1	23.3	22.0	**116**	**109**	66-139	6	25	
100-42-5	Styrene	48.4	55.1	52.2	**114**	**108**	73-127	5	25	
95-47-6	o-Xylene	47.4	53.5	52.0	**113**	**110**	67-125	3	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	45.6	43.3	**109**	**103**	67-130	6	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	45.9	45.3	**111**	**109**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	60.5	59.4	**116**	**114**	55-142	2	25	
91-20-3	Naphthalene	37.8	45.1	44.3	**119**	**117**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	118	117	**97**	**96**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.2	42.1	**97**	**99**	59-128	2	25	
74-87-3	Chloromethane	99.8	95.1	94.1	**95**	**94**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	81.6	82.8	**100**	**102**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	107	110	**113**	**116**	66-134	3	25	
75-00-3	Chloroethane	77.3	80.6	81.3	**104**	**105**	63-127	1	25	
64-17-5	Ethanol	530	493	492	**93**	**93**	59-125	0	25	
67-64-1	Acetone	435	435	423	**100**	**97**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	35.8	35.7	**99**	**98**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	173	173	**104**	**104**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	61.3	61.7	**102**	**103**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.3	27.9	**98**	**100**	66-126	2	25	
75-15-0	Carbon Disulfide	137	128	130	**93**	**95**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	52.1	52.3	**99**	**100**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	147	147	**105**	**105**	67-130	0	25	
141-78-6	Ethyl Acetate	117	151	151	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	55.8	55.7	**93**	**93**	63-120	0	25	
67-66-3	Chloroform	43.8	43.4	43.8	**99**	**100**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	134	136	**99**	**100**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	52.2	52.3	**102**	**102**	65-128	0	25	
71-43-2	Benzene	63.9	64.5	65.2	**101**	**102**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	32.7	33.1	**98**	**99**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	123	124	**102**	**102**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	32.6	33.1	**104**	**105**	72-128	1	25	
79-01-6	Trichloroethene	38.3	39.8	40.6	**104**	**106**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	58.6	59.4	**102**	**103**	71-122	1	25	
142-82-5	n-Heptane	51.3	52.7	53.1	**103**	**104**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	108	108	**106**	**106**	67-130	0	25	
108-88-3	Toluene	54.7	57.3	58.3	**105**	**107**	66-119	2	25	
591-78-6	2-Hexanone	98.7	106	107	**107**	**108**	62-128	0.9	25	
124-48-1	Dibromochloromethane	24.7	28.6	29.2	**116**	**118**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	31.6	32.2	**117**	**119**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	33.0	34.0	**109**	**112**	66-124	3	25	
100-41-4	Ethylbenzene	47.4	52.5	53.5	**111**	**113**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	103	105	**109**	**111**	61-134	2	25	
75-25-2	Bromoform	20.1	22.7	23.2	**113**	**115**	66-139	2	25	
100-42-5	Styrene	48.4	52.8	54.1	**109**	**112**	73-127	3	25	
95-47-6	o-Xylene	47.4	52.0	52.9	**110**	**112**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.7	44.5	**104**	**106**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	44.9	45.5	**108**	**110**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	58.9	60.6	**113**	**116**	55-142	3	25	
91-20-3	Naphthalene	37.8	44.2	45.7	**117**	**121**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	134	127	**110**	**104**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	47.6	45.2	**112**	**106**	59-128	6	25	
74-87-3	Chloromethane	99.8	102	104	**102**	**104**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	90.3	91.8	**111**	**113**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	119	114	**125**	**120**	66-134	4	25	
75-00-3	Chloroethane	77.3	83.1	77.0	**108**	**100**	63-127	8	25	
64-17-5	Ethanol	530	524	482	**99**	**91**	59-125	8	25	
67-64-1	Acetone	435	459	427	**106**	**98**	58-128	8	25	
75-69-4	Trichlorofluoromethane	36.3	41.4	38.4	**114**	**106**	62-126	7	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	204	187	**123**	**113**	52-125	8	25	
75-09-2	Methylene Chloride	59.9	67.3	62.9	**112**	**105**	62-115	6	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.1	27.4	**101**	**98**	66-126	3	25	
75-15-0	Carbon Disulfide	137	146	134	**107**	**98**	57-134	9	25	
75-34-3	1,1-Dichloroethane	52.4	58.8	55.3	**112**	**106**	68-126	6	25	
78-93-3	2-Butanone (MEK)	140	159	150	**114**	**107**	67-130	6	25	
141-78-6	Ethyl Acetate	117	169	158	**144**	**135**	65-128	6	25	**L**
110-54-3	n-Hexane	60.2	61.9	58.7	**103**	**98**	63-120	5	25	
67-66-3	Chloroform	43.8	49.5	46.8	**113**	**107**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	136	144	139	**106**	**102**	64-123	4	25	
107-06-2	1,2-Dichloroethane	51.4	62.6	58.7	**122**	**114**	65-128	7	25	
71-43-2	Benzene	63.9	67.3	66.0	**105**	**103**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	36.5	35.5	**109**	**106**	68-132	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	126	124	**104**	**102**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	36.0	35.1	**115**	**112**	72-128	3	25	
79-01-6	Trichloroethene	38.3	39.8	39.9	**104**	**104**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	60.3	59.2	**105**	**103**	71-122	2	25	
142-82-5	n-Heptane	51.3	55.1	54.2	**107**	**106**	69-123	0.9	25	
108-10-1	4-Methyl-2-pentanone	102	116	113	**114**	**111**	67-130	3	25	
108-88-3	Toluene	54.7	55.5	55.5	**101**	**101**	66-119	0	25	
591-78-6	2-Hexanone	98.7	113	109	**114**	**110**	62-128	4	25	
124-48-1	Dibromochloromethane	24.7	28.1	28.2	**114**	**114**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	30.5	30.8	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	30.6	31.3	**101**	**103**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	51.8	51.6	**109**	**109**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	103	102	**109**	**107**	61-134	2	25	
75-25-2	Bromoform	20.1	21.8	22.1	**108**	**110**	66-139	2	25	
100-42-5	Styrene	48.4	50.8	51.0	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	47.4	51.9	51.5	**109**	**109**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.4	43.2	**104**	**103**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	45.5	44.8	**110**	**108**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.2	58.4	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	43.8	43.4	**116**	**115**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014DUP

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	1.7	1.7	1.7	**0**	25	**J**
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	19	19	19	**0**	25	**J, B**
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	12	12	12	**0**	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	6.7	7.0	6.85	**4**	25	**J**
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	4.4	4.5	4.45	**2**	25	**J**
Chloroform	44	45	44.5	**2**	25	
Tetrahydrofuran (THF)	6.4	6.5	6.45	**2**	25	**J**
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	16	16	16	**0**	25	
Carbon Tetrachloride	4.0	3.9	3.95	**3**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014DUP

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	42	41	41.5	**2**	25	
Bromodichloromethane	3.9	3.8	3.85	**3**	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	13	13	13	**0**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	0.98	0.95	0.965	**3**	25	**J**
Ethylbenzene	ND	ND	-	-	25	
m,p-Xylenes	1.3	1.2	1.25	**8**	25	**J**
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	1.2	1.2	1.2	**0**	25	**J**
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	2.4	2.4	2.4	**0**	25	**J**

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC01186

Initial Pressure (psig): -3.97 Final Pressure (psig): 7.06

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**10,000**		4,200	2,600	1,100	
75-71-8	Dichlorodifluoromethane (CFC 12)	**890**		4,200	2,600	710	**J**
74-87-3	Chloromethane		2,600	4,200	2,600	700	**U**
75-01-4	Vinyl Chloride		1,400	4,300	1,400	460	**U**
106-99-0	1,3-Butadiene		2,600	4,200	2,600	710	**U**
75-00-3	Chloroethane		2,600	4,200	2,600	540	**U**
64-17-5	Ethanol	**4,500**		43,000	6,700	3,000	**J, B**
67-64-1	Acetone		22,000	42,000	22,000	9,700	**U**
75-69-4	Trichlorofluoromethane		2,600	4,100	2,600	660	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)		5,100	8,100	5,100	1,800	**U**
75-09-2	Methylene Chloride		2,600	4,200	2,600	1,200	**U**
76-13-1	Trichlorotrifluoroethane		1,400	4,300	1,400	620	**U**
75-15-0	Carbon Disulfide		4,400	8,100	4,400	1,300	**U**
75-34-3	1,1-Dichloroethane		2,700	4,400	2,700	630	**U**
78-93-3	2-Butanone (MEK)		2,600	8,100	2,600	890	**U**
141-78-6	Ethyl Acetate		5,300	8,100	5,300	2,300	**U**
110-54-3	n-Hexane	**270,000**		4,200	2,600	890	
67-66-3	Chloroform		1,400	4,300	1,400	580	**U**
109-99-9	Tetrahydrofuran (THF)		1,400	8,100	1,400	540	**U**
107-06-2	1,2-Dichloroethane		1,400	4,200	1,400	480	**U**
71-43-2	Benzene	**48,000**		4,200	1,400	630	
56-23-5	Carbon Tetrachloride		1,400	4,100	1,400	600	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV116-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC01186

Initial Pressure (psig): -3.97 Final Pressure (psig): 7.06

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**640,000**		8,100	2,800	1,200	
75-27-4	Bromodichloromethane		1,400	4,200	1,400	630	**U**
79-01-6	Trichloroethene		1,400	4,100	1,400	580	**U**
123-91-1	1,4-Dioxane		1,400	4,200	1,400	510	**U**
142-82-5	n-Heptane	**420,000**		4,200	2,600	690	
108-10-1	4-Methyl-2-pentanone		1,400	8,100	1,400	590	**U**
108-88-3	Toluene	**110,000**		4,200	1,400	530	
591-78-6	2-Hexanone		1,400	8,100	1,400	540	**U**
124-48-1	Dibromochloromethane		1,400	4,200	1,400	570	**U**
106-93-4	1,2-Dibromoethane		1,400	4,200	1,400	500	**U**
127-18-4	Tetrachloroethene		1,400	4,200	1,400	560	**U**
100-41-4	Ethylbenzene	**8,000**		4,200	1,400	610	
179601-23-1	m,p-Xylenes	**41,000**		8,100	2,800	1,100	
75-25-2	Bromoform		2,600	4,300	2,600	890	**U**
100-42-5	Styrene		2,600	4,200	2,600	700	**U**
95-47-6	o-Xylene	**29,000**		4,300	1,400	630	
108-67-8	1,3,5-Trimethylbenzene	**6,300**		4,300	1,400	630	
95-63-6	1,2,4-Trimethylbenzene	**5,100**		4,200	1,400	600	
120-82-1	1,2,4-Trichlorobenzene		2,600	8,100	2,600	1,100	**U**
91-20-3	Naphthalene		2,500	4,200	2,500	1,100	**U**
1330-20-7	Xylenes, Total	**71,000**		8,100	2,800	1,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00697

Initial Pressure (psig): -3.66 Final Pressure (psig): 7.55

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**97**	2.6	1.6	0.44	
74-87-3	Chloromethane	**1.7**	2.6	1.6	0.43	**J**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**7.2**	27	4.2	1.9	**J, B**
67-64-1	Acetone	**22**	26	14	6.1	**J**
75-69-4	Trichlorofluoromethane	**14**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.76	**U**
76-13-1	Trichlorotrifluoroethane	**150**	2.7	0.86	0.38	
75-15-0	Carbon Disulfide	**1.0**	5.1	2.7	0.81	**J**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**5.0**	5.1	1.6	0.56	**J**
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	**1.2**	2.6	1.6	0.56	**J**
67-66-3	Chloroform	**0.67**	2.7	0.86	0.36	**J**
109-99-9	Tetrahydrofuran (THF)	**0.83**	5.1	0.86	0.34	**J**
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**0.73**	2.6	0.86	0.39	**J**
56-23-5	Carbon Tetrachloride	**27**	2.6	0.86	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00697

Initial Pressure (psig): -3.66 Final Pressure (psig): 7.55

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.1**	5.1	1.7	0.76	**J**
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	0.86	2.6	0.86	0.36	**U**
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	**5.1**	2.6	1.6	0.43	
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**6.0**	2.6	0.86	0.33	
591-78-6	2-Hexanone	0.86	5.1	0.86	0.33	**U**
124-48-1	Dibromochloromethane	0.86	2.6	0.86	0.35	**U**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**4.6**	2.6	0.86	0.35	
100-41-4	Ethylbenzene	**1.4**	2.6	0.86	0.38	**J**
179601-23-1	m,p-Xylenes	**14**	5.1	1.7	0.71	
75-25-2	Bromoform	**0.62**	2.7	1.6	0.56	**J**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**9.9**	2.7	0.86	0.39	
108-67-8	1,3,5-Trimethylbenzene	**4.2**	2.7	0.86	0.39	
95-63-6	1,2,4-Trimethylbenzene	**8.0**	2.6	0.86	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	**1.2**	2.6	1.6	0.66	**J**
1330-20-7	Xylenes, Total	**24**	5.1	1.7	0.71	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00538

Initial Pressure (psig): -2.89 Final Pressure (psig): 7.40

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**100**	2.4	1.5	0.41	
74-87-3	Chloromethane	**1.4**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	**0.36**	2.4	1.5	0.31	**J**
64-17-5	Ethanol	**8.2**	25	3.9	1.7	**J, B**
67-64-1	Acetone	**30**	24	13	5.6	
75-69-4	Trichlorofluoromethane	**15**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.0**	4.7	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.70	**U**
76-13-1	Trichlorotrifluoroethane	**160**	2.5	0.79	0.36	
75-15-0	Carbon Disulfide	**3.5**	4.7	2.5	0.75	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**13**	4.7	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.7	3.0	1.3	**U**
110-54-3	n-Hexane	**1.1**	2.4	1.5	0.51	**J**
67-66-3	Chloroform	**0.57**	2.5	0.79	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	**14**	4.7	0.79	0.31	
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.28	**U**
71-43-2	Benzene	**0.96**	2.4	0.79	0.36	**J**
56-23-5	Carbon Tetrachloride	**31**	2.4	0.79	0.35	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00538

Initial Pressure (psig): -2.89 Final Pressure (psig): 7.40

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.8**	4.7	1.6	0.70	**J**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	0.79	2.4	0.79	0.34	**U**
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**4.3**	2.4	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	0.79	4.7	0.79	0.34	**U**
108-88-3	Toluene	**3.4**	2.4	0.79	0.30	
591-78-6	2-Hexanone	0.79	4.7	0.79	0.31	**U**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.33	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**5.1**	2.4	0.79	0.32	
100-41-4	Ethylbenzene	**0.71**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**6.5**	4.7	1.6	0.65	
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**4.2**	2.5	0.79	0.36	
108-67-8	1,3,5-Trimethylbenzene	**2.2**	2.5	0.79	0.36	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.6**	2.4	0.79	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	**1.1**	2.4	1.4	0.61	**J**
1330-20-7	Xylenes, Total	**11**	4.7	1.6	0.65	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00792

Initial Pressure (psig): -3.12 Final Pressure (psig): 6.47

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.78**	2.4	1.5	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**120**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**2.2**	24	3.8	1.7	**J, B**
67-64-1	Acetone	**8.3**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**16**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.6	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**170**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**13**	4.6	2.5	0.73	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	1.5	4.6	1.5	0.50	**U**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**0.79**	2.4	1.5	0.50	**J**
67-66-3	Chloroform	**5.7**	2.4	0.78	0.32	
109-99-9	Tetrahydrofuran (THF)	**1.5**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**1.4**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**35**	2.3	0.78	0.34	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00792

Initial Pressure (psig): -3.12 Final Pressure (psig): 6.47

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**1.4**	2.3	0.78	0.33	**J**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**3.7**	2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.33	**U**
108-88-3	Toluene	**3.5**	2.4	0.78	0.30	
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**4.3**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	**0.54**	2.4	0.78	0.34	**J**
179601-23-1	m,p-Xylenes	**5.1**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**3.2**	2.4	0.78	0.35	
108-67-8	1,3,5-Trimethylbenzene	**1.3**	2.4	0.78	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.2**	2.4	0.78	0.34	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	**0.89**	2.4	1.4	0.59	**J**
1330-20-7	Xylenes, Total	**8.3**	4.6	1.6	0.64	

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00079

Initial Pressure (psig): -3.46 Final Pressure (psig): 7.28

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1,000	1,700	1,000	420	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,000	1,700	1,000	280	**U**
74-87-3	Chloromethane	1,000	1,700	1,000	280	**U**
75-01-4	Vinyl Chloride	560	1,700	560	190	**U**
106-99-0	1,3-Butadiene	1,000	1,700	1,000	290	**U**
75-00-3	Chloroethane	1,000	1,700	1,000	220	**U**
64-17-5	Ethanol	2,700	17,000	2,700	1,200	**U**
67-64-1	Acetone	8,800	17,000	8,800	3,900	**U**
75-69-4	Trichlorofluoromethane	1,000	1,700	1,000	260	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,100	3,300	2,100	720	**U**
75-09-2	Methylene Chloride	1,000	1,700	1,000	490	**U**
76-13-1	Trichlorotrifluoroethane	560	1,700	560	250	**U**
75-15-0	Carbon Disulfide	1,800	3,300	1,800	520	**U**
75-34-3	1,1-Dichloroethane	1,100	1,800	1,100	250	**U**
78-93-3	2-Butanone (MEK)	1,000	3,300	1,000	360	**U**
141-78-6	Ethyl Acetate	2,100	3,300	2,100	910	**U**
110-54-3	n-Hexane	**36,000**	1,700	1,000	360	
67-66-3	Chloroform	560	1,700	560	230	**U**
109-99-9	Tetrahydrofuran (THF)	560	3,300	560	220	**U**
107-06-2	1,2-Dichloroethane	560	1,700	560	190	**U**
71-43-2	Benzene	**3,200**	1,700	560	250	
56-23-5	Carbon Tetrachloride	560	1,700	560	240	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00079

Initial Pressure (psig): -3.46 Final Pressure (psig): 7.28

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**200,000**	3,300	1,100	490	
75-27-4	Bromodichloromethane	560	1,700	560	250	**U**
79-01-6	Trichloroethene	560	1,700	560	240	**U**
123-91-1	1,4-Dioxane	560	1,700	560	210	**U**
142-82-5	n-Heptane	**35,000**	1,700	1,000	280	
108-10-1	4-Methyl-2-pentanone	560	3,300	560	240	**U**
108-88-3	Toluene	**560**	1,700	560	210	**J**
591-78-6	2-Hexanone	560	3,300	560	220	**U**
124-48-1	Dibromochloromethane	560	1,700	560	230	**U**
106-93-4	1,2-Dibromoethane	560	1,700	560	200	**U**
127-18-4	Tetrachloroethene	560	1,700	560	230	**U**
100-41-4	Ethylbenzene	560	1,700	560	250	**U**
179601-23-1	m,p-Xylenes	**1,300**	3,300	1,100	460	**J**
75-25-2	Bromoform	1,000	1,700	1,000	360	**U**
100-42-5	Styrene	1,000	1,700	1,000	280	**U**
95-47-6	o-Xylene	**2,900**	1,700	560	250	
108-67-8	1,3,5-Trimethylbenzene	**420**	1,700	560	250	**J**
95-63-6	1,2,4-Trimethylbenzene	560	1,700	560	240	**U**
120-82-1	1,2,4-Trichlorobenzene	1,000	3,300	1,000	420	**U**
91-20-3	Naphthalene	1,000	1,700	1,000	420	**U**
1330-20-7	Xylenes, Total	**4,200**	3,300	1,100	460	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC01283

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1,200**	320	200	80	
75-71-8	Dichlorodifluoromethane (CFC 12)	**130**	320	200	53	**J**
74-87-3	Chloromethane	200	320	200	53	**U**
75-01-4	Vinyl Chloride	100	330	100	35	**U**
106-99-0	1,3-Butadiene	200	320	200	54	**U**
75-00-3	Chloroethane	200	320	200	40	**U**
64-17-5	Ethanol	510	3,300	510	230	**U**
67-64-1	Acetone	1,700	3,200	1,700	740	**U**
75-69-4	Trichlorofluoromethane	200	310	200	50	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	390	610	390	130	**U**
75-09-2	Methylene Chloride	200	320	200	92	**U**
76-13-1	Trichlorotrifluoroethane	**150**	330	100	47	**J**
75-15-0	Carbon Disulfide	330	610	330	98	**U**
75-34-3	1,1-Dichloroethane	200	330	200	48	**U**
78-93-3	2-Butanone (MEK)	200	610	200	67	**U**
141-78-6	Ethyl Acetate	400	610	400	170	**U**
110-54-3	n-Hexane	**16,000**	320	200	67	
67-66-3	Chloroform	100	330	100	44	**U**
109-99-9	Tetrahydrofuran (THF)	100	610	100	41	**U**
107-06-2	1,2-Dichloroethane	100	320	100	36	**U**
71-43-2	Benzene	**410**	320	100	47	
56-23-5	Carbon Tetrachloride	100	310	100	45	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC01283

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**40,000**	610	210	92	
75-27-4	Bromodichloromethane	100	320	100	47	**U**
79-01-6	Trichloroethene	100	310	100	44	**U**
123-91-1	1,4-Dioxane	100	320	100	39	**U**
142-82-5	n-Heptane	**28,000**	320	200	52	
108-10-1	4-Methyl-2-pentanone	100	610	100	45	**U**
108-88-3	Toluene	**880**	320	100	40	
591-78-6	2-Hexanone	100	610	100	40	**U**
124-48-1	Dibromochloromethane	100	320	100	43	**U**
106-93-4	1,2-Dibromoethane	**370**	320	100	38	
127-18-4	Tetrachloroethene	100	320	100	42	**U**
100-41-4	Ethylbenzene	**280**	320	100	46	**J**
179601-23-1	m,p-Xylenes	**1,100**	610	210	86	
75-25-2	Bromoform	200	330	200	67	**U**
100-42-5	Styrene	200	320	200	53	**U**
95-47-6	o-Xylene	**3,900**	330	100	47	
108-67-8	1,3,5-Trimethylbenzene	**3,100**	330	100	47	
95-63-6	1,2,4-Trimethylbenzene	**2,300**	320	100	45	
120-82-1	1,2,4-Trichlorobenzene	200	610	200	80	**U**
91-20-3	Naphthalene	190	320	190	80	**U**
1330-20-7	Xylenes, Total	**5,000**	610	210	86	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00650

Initial Pressure (psig): -5.35 Final Pressure (psig): 7.31

Container Dilution Factor: 2.35

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**20,000**		4,900	3,000	1,200	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1,500**		4,900	3,000	820	**J**
74-87-3	Chloromethane		3,000	4,900	3,000	810	**U**
75-01-4	Vinyl Chloride		1,600	5,000	1,600	540	**U**
106-99-0	1,3-Butadiene		3,000	4,900	3,000	830	**U**
75-00-3	Chloroethane		3,000	4,900	3,000	620	**U**
64-17-5	Ethanol	**35,000**		50,000	7,800	3,500	**J, B**
67-64-1	Acetone		25,000	49,000	25,000	11,000	**U**
75-69-4	Trichlorofluoromethane		3,000	4,800	3,000	760	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)		5,900	9,400	5,900	2,100	**U**
75-09-2	Methylene Chloride	**3,900**		4,900	3,000	1,400	**J**
76-13-1	Trichlorotrifluoroethane	**1,300**		5,000	1,600	710	**J**
75-15-0	Carbon Disulfide		5,100	9,400	5,100	1,500	**U**
75-34-3	1,1-Dichloroethane		3,100	5,100	3,100	730	**U**
78-93-3	2-Butanone (MEK)		3,000	9,400	3,000	1,000	**U**
141-78-6	Ethyl Acetate		6,100	9,400	6,100	2,600	**U**
110-54-3	n-Hexane	**410,000**		4,900	3,000	1,000	
67-66-3	Chloroform	**1,400**		5,000	1,600	670	**J**
109-99-9	Tetrahydrofuran (THF)		1,600	9,400	1,600	630	**U**
107-06-2	1,2-Dichloroethane		1,600	4,900	1,600	550	**U**
71-43-2	Benzene	**22,000**		4,900	1,600	720	
56-23-5	Carbon Tetrachloride		1,600	4,800	1,600	700	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV117-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00650

Initial Pressure (psig): -5.35 Final Pressure (psig): 7.31

Container Dilution Factor: 2.35

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**700,000**		9,400	3,200	1,400	
75-27-4	Bromodichloromethane		1,600	4,900	1,600	720	**U**
79-01-6	Trichloroethene		1,600	4,800	1,600	680	**U**
123-91-1	1,4-Dioxane		1,600	4,900	1,600	590	**U**
142-82-5	n-Heptane	**790,000**		4,900	3,000	800	
108-10-1	4-Methyl-2-pentanone		1,600	9,400	1,600	690	**U**
108-88-3	Toluene	**160,000**		4,900	1,600	610	
591-78-6	2-Hexanone		1,600	9,400	1,600	620	**U**
124-48-1	Dibromochloromethane		1,600	4,900	1,600	660	**U**
106-93-4	1,2-Dibromoethane	**2,900**		4,900	1,600	580	**J**
127-18-4	Tetrachloroethene		1,600	4,900	1,600	650	**U**
100-41-4	Ethylbenzene	**29,000**		4,900	1,600	710	
179601-23-1	m,p-Xylenes	**360,000**		9,400	3,200	1,300	
75-25-2	Bromoform		3,000	5,000	3,000	1,000	**U**
100-42-5	Styrene		3,000	4,900	3,000	810	**U**
95-47-6	o-Xylene	**130,000**		5,000	1,600	720	
108-67-8	1,3,5-Trimethylbenzene	**24,000**		5,000	1,600	720	
95-63-6	1,2,4-Trimethylbenzene	**47,000**		4,900	1,600	700	
120-82-1	1,2,4-Trichlorobenzene		3,000	9,400	3,000	1,200	**U**
91-20-3	Naphthalene		2,900	4,900	2,900	1,200	**U**
1330-20-7	Xylenes, Total	**490,000**		9,400	3,200	1,300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00088

Initial Pressure (psig): 0.10 Final Pressure (psig): 7.62

Container Dilution Factor: 1.51

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.82**	2.0	1.2	0.49	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.0	1.2	0.33	
74-87-3	Chloromethane	**0.36**	2.0	1.2	0.32	**J**
75-01-4	Vinyl Chloride	0.64	2.0	0.64	0.22	**U**
106-99-0	1,3-Butadiene	1.2	2.0	1.2	0.33	**U**
75-00-3	Chloroethane	1.2	2.0	1.2	0.25	**U**
64-17-5	Ethanol	**54**	20	3.1	1.4	
67-64-1	Acetone	**24**	20	10	4.5	
75-69-4	Trichlorofluoromethane	**1.2**	1.9	1.2	0.31	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.1**	3.8	2.4	0.83	**J**
75-09-2	Methylene Chloride	**2.6**	2.0	1.2	0.57	
76-13-1	Trichlorotrifluoroethane	**0.45**	2.0	0.64	0.29	**J**
75-15-0	Carbon Disulfide	**2.1**	3.8	2.0	0.60	**J**
75-34-3	1,1-Dichloroethane	1.2	2.0	1.2	0.29	**U**
78-93-3	2-Butanone (MEK)	**3.2**	3.8	1.2	0.42	**J**
141-78-6	Ethyl Acetate	2.5	3.8	2.5	1.1	**U**
110-54-3	n-Hexane	1.2	2.0	1.2	0.42	**U**
67-66-3	Chloroform	**1,300**	20	6.4	2.7	**D**
109-99-9	Tetrahydrofuran (THF)	**1.9**	3.8	0.64	0.25	**J**
107-06-2	1,2-Dichloroethane	0.64	2.0	0.64	0.22	**U**
71-43-2	Benzene	**0.35**	2.0	0.64	0.29	**J**
56-23-5	Carbon Tetrachloride	**6.8**	1.9	0.64	0.28	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00088

Initial Pressure (psig): 0.10 Final Pressure (psig): 7.62

Container Dilution Factor: 1.51

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.3	3.8	1.3	0.57	**U**
75-27-4	Bromodichloromethane	**110**	2.0	0.64	0.29	
79-01-6	Trichloroethene	**3.4**	1.9	0.64	0.27	
123-91-1	1,4-Dioxane	0.64	2.0	0.64	0.24	**U**
142-82-5	n-Heptane	1.2	2.0	1.2	0.32	**U**
108-10-1	4-Methyl-2-pentanone	0.64	3.8	0.64	0.28	**U**
108-88-3	Toluene	**1.1**	2.0	0.64	0.25	**J**
591-78-6	2-Hexanone	**0.38**	3.8	0.64	0.25	**J**
124-48-1	Dibromochloromethane	**2.2**	2.0	0.64	0.26	
106-93-4	1,2-Dibromoethane	0.64	2.0	0.64	0.23	**U**
127-18-4	Tetrachloroethene	**4.7**	2.0	0.64	0.26	
100-41-4	Ethylbenzene	0.64	2.0	0.64	0.28	**U**
179601-23-1	m,p-Xylenes	**0.61**	3.8	1.3	0.53	**J**
75-25-2	Bromoform	1.2	2.0	1.2	0.42	**U**
100-42-5	Styrene	1.2	2.0	1.2	0.32	**U**
95-47-6	o-Xylene	0.64	2.0	0.64	0.29	**U**
108-67-8	1,3,5-Trimethylbenzene	0.64	2.0	0.64	0.29	**U**
95-63-6	1,2,4-Trimethylbenzene	0.64	2.0	0.64	0.28	**U**
120-82-1	1,2,4-Trichlorobenzene	1.2	3.8	1.2	0.49	**U**
91-20-3	Naphthalene	1.2	2.0	1.2	0.49	**U**
1330-20-7	Xylenes, Total	**0.61**	3.8	1.3	0.53	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00064

Initial Pressure (psig): -3.82 Final Pressure (psig): 6.75

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.90**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.6	1.6	0.43	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.42	**U**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.43	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**7.1**	26	4.1	1.8	**J, B**
67-64-1	Acetone	**33**	26	13	5.9	
75-69-4	Trichlorofluoromethane	**1.2**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	4.9	3.1	1.1	**J**
75-09-2	Methylene Chloride	**2.5**	2.6	1.6	0.74	**J**
76-13-1	Trichlorotrifluoroethane	**0.54**	2.6	0.84	0.37	**J**
75-15-0	Carbon Disulfide	**10**	4.9	2.7	0.79	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**7.3**	4.9	1.6	0.54	
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.54	**U**
67-66-3	Chloroform	**1,600**	26	8.4	3.5	**D**
109-99-9	Tetrahydrofuran (THF)	**130**	4.9	0.84	0.33	
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	0.84	2.6	0.84	0.38	**U**
56-23-5	Carbon Tetrachloride	**32**	2.5	0.84	0.36	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00064

Initial Pressure (psig): -3.82 Final Pressure (psig): 6.75

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.74	**U**
75-27-4	Bromodichloromethane	**250**	2.6	0.84	0.38	
79-01-6	Trichloroethene	**5.9**	2.5	0.84	0.35	
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.84	4.9	0.84	0.36	**U**
108-88-3	Toluene	**0.56**	2.6	0.84	0.32	**J**
591-78-6	2-Hexanone	0.84	4.9	0.84	0.33	**U**
124-48-1	Dibromochloromethane	**55**	2.6	0.84	0.34	
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**14**	2.6	0.84	0.34	
100-41-4	Ethylbenzene	0.84	2.6	0.84	0.37	**U**
179601-23-1	m,p-Xylenes	1.7	4.9	1.7	0.69	**U**
75-25-2	Bromoform	**13**	2.6	1.6	0.54	
100-42-5	Styrene	1.6	2.6	1.6	0.42	**U**
95-47-6	o-Xylene	0.84	2.6	0.84	0.38	**U**
108-67-8	1,3,5-Trimethylbenzene	0.84	2.6	0.84	0.38	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.60**	2.6	0.84	0.36	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.64	**U**
1330-20-7	Xylenes, Total	1.7	4.9	1.7	0.69	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00797

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.63	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.8**	2.5	1.5	0.42	J
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	U
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	U
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	U
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	U
64-17-5	Ethanol	**2.9**	26	4.0	1.8	J, B
67-64-1	Acetone	**9.5**	25	13	5.8	J
75-69-4	Trichlorofluoromethane	**1.2**	2.5	1.5	0.39	J
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	4.8	3.0	1.1	U
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	U
76-13-1	Trichlorotrifluoroethane	0.82	2.6	0.82	0.37	U
75-15-0	Carbon Disulfide	**2.8**	4.8	2.6	0.77	J
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	U
78-93-3	2-Butanone (MEK)	**0.78**	4.8	1.5	0.53	J
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.4	U
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	U
67-66-3	Chloroform	**220**	2.6	0.82	0.34	
109-99-9	Tetrahydrofuran (THF)	**1.3**	4.8	0.82	0.32	J
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	U
71-43-2	Benzene	0.82	2.5	0.82	0.37	U
56-23-5	Carbon Tetrachloride	**37**	2.5	0.82	0.36	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00797

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	**23**	2.5	0.82	0.37	
79-01-6	Trichloroethene	**0.72**	2.5	0.82	0.35	**J**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	1.5	2.5	1.5	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**0.67**	2.5	0.82	0.31	**J**
591-78-6	2-Hexanone	0.82	4.8	0.82	0.32	**U**
124-48-1	Dibromochloromethane	**1.9**	2.5	0.82	0.34	**J**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**8.0**	2.5	0.82	0.33	
100-41-4	Ethylbenzene	0.82	2.5	0.82	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.8	1.6	0.68	**U**
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	0.82	2.6	0.82	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.82	2.6	0.82	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	0.82	2.5	0.82	0.36	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.63	**U**
1330-20-7	Xylenes, Total	1.6	4.8	1.6	0.68	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00957

Initial Pressure (psig): -3.25 Final Pressure (psig): 7.14

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.62	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.3**	2.5	1.5	0.42	**J**
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**3.1**	25	4.0	1.8	**J, B**
67-64-1	Acetone	**10**	25	13	5.7	**J**
75-69-4	Trichlorofluoromethane	**1.0**	2.4	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	4.8	3.0	1.1	**U**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	0.81	2.5	0.81	0.36	**U**
75-15-0	Carbon Disulfide	**7.7**	4.8	2.6	0.76	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**0.95**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**3.7**	2.5	0.81	0.34	
109-99-9	Tetrahydrofuran (THF)	**4.8**	4.8	0.81	0.32	
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	0.81	2.5	0.81	0.37	**U**
56-23-5	Carbon Tetrachloride	**4.7**	2.4	0.81	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00957

Initial Pressure (psig): -3.25 Final Pressure (psig): 7.14

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	**1.1**	2.4	0.81	0.34	**J**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	1.5	2.5	1.5	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.81	4.8	0.81	0.35	**U**
108-88-3	Toluene	0.81	2.5	0.81	0.31	**U**
591-78-6	2-Hexanone	0.81	4.8	0.81	0.32	**U**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.30	**U**
127-18-4	Tetrachloroethene	**0.41**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	0.81	2.5	0.81	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.8	1.6	0.67	**U**
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	0.81	2.5	0.81	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.81	2.5	0.81	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	0.81	2.5	0.81	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.62	**U**
1330-20-7	Xylenes, Total	1.6	4.8	1.6	0.67	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00648

Initial Pressure (psig): -2.79 Final Pressure (psig): 6.89

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5.3**	2.4	1.4	0.59	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.3**	2.4	1.4	0.39	**J**
74-87-3	Chloromethane	**2.1**	2.4	1.4	0.39	**J**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.4	1.4	0.40	**U**
75-00-3	Chloroethane	1.4	2.4	1.4	0.30	**U**
64-17-5	Ethanol	**10**	24	3.8	1.7	**J, B**
67-64-1	Acetone	**120**	24	12	5.4	
75-69-4	Trichlorofluoromethane	**1.1**	2.3	1.4	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	4.5	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.4	2.4	1.4	0.68	**U**
76-13-1	Trichlorotrifluoroethane	0.77	2.4	0.77	0.34	**U**
75-15-0	Carbon Disulfide	**13**	4.5	2.4	0.72	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**36**	4.5	1.4	0.50	
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.3	**U**
110-54-3	n-Hexane	1.4	2.4	1.4	0.50	**U**
67-66-3	Chloroform	**4.4**	2.4	0.77	0.32	
109-99-9	Tetrahydrofuran (THF)	**11**	4.5	0.77	0.30	
107-06-2	1,2-Dichloroethane	0.77	2.4	0.77	0.27	**U**
71-43-2	Benzene	**0.51**	2.4	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	**4.1**	2.3	0.77	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00648

Initial Pressure (psig): -2.79 Final Pressure (psig): 6.89

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.68	**U**
75-27-4	Bromodichloromethane	**0.35**	2.4	0.77	0.35	**J**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.33	**U**
123-91-1	1,4-Dioxane	0.77	2.4	0.77	0.29	**U**
142-82-5	n-Heptane	1.4	2.4	1.4	0.38	**U**
108-10-1	4-Methyl-2-pentanone	**1.3**	4.5	0.77	0.33	**J**
108-88-3	Toluene	**1.1**	2.4	0.77	0.29	**J**
591-78-6	2-Hexanone	**0.72**	4.5	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.4	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.4	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**0.64**	2.4	0.77	0.31	**J**
100-41-4	Ethylbenzene	0.77	2.4	0.77	0.34	**U**
179601-23-1	m,p-Xylenes	1.5	4.5	1.5	0.63	**U**
75-25-2	Bromoform	1.4	2.4	1.4	0.50	**U**
100-42-5	Styrene	1.4	2.4	1.4	0.39	**U**
95-47-6	o-Xylene	0.77	2.4	0.77	0.35	**U**
108-67-8	1,3,5-Trimethylbenzene	0.77	2.4	0.77	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	0.77	2.4	0.77	0.33	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	1.5	4.5	1.5	0.63	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00415

Initial Pressure (psig): -3.90 Final Pressure (psig): 6.32

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.3**	5.1	3.1	1.3	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.6**	5.1	3.1	0.85	**J**
74-87-3	Chloromethane	3.1	5.1	3.1	0.84	**U**
75-01-4	Vinyl Chloride	1.7	5.2	1.7	0.56	**U**
106-99-0	1,3-Butadiene	3.1	5.1	3.1	0.86	**U**
75-00-3	Chloroethane	3.1	5.1	3.1	0.64	**U**
64-17-5	Ethanol	**5.5**	52	8.1	3.6	**J, B**
67-64-1	Acetone	26	51	26	12	**U**
75-69-4	Trichlorofluoromethane	3.1	5.0	3.1	0.79	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	6.1	9.8	6.1	2.1	**U**
75-09-2	Methylene Chloride	3.1	5.1	3.1	1.5	**U**
76-13-1	Trichlorotrifluoroethane	1.7	5.2	1.7	0.74	**U**
75-15-0	Carbon Disulfide	**8.7**	9.8	5.3	1.6	**J**
75-34-3	1,1-Dichloroethane	3.2	5.3	3.2	0.76	**U**
78-93-3	2-Butanone (MEK)	3.1	9.8	3.1	1.1	**U**
141-78-6	Ethyl Acetate	6.3	9.8	6.3	2.7	**U**
110-54-3	n-Hexane	**2.9**	5.1	3.1	1.1	**J**
67-66-3	Chloroform	1.7	5.2	1.7	0.69	**U**
109-99-9	Tetrahydrofuran (THF)	**6.3**	9.8	1.7	0.65	**J**
107-06-2	1,2-Dichloroethane	1.7	5.1	1.7	0.58	**U**
71-43-2	Benzene	**22**	5.1	1.7	0.75	
56-23-5	Carbon Tetrachloride	1.7	5.0	1.7	0.72	**U**

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00415

Initial Pressure (psig): -3.90 Final Pressure (psig): 6.32

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**17**	9.8	3.3	1.5	
75-27-4	Bromodichloromethane	1.7	5.1	1.7	0.75	**U**
79-01-6	Trichloroethene	**1.6**	5.0	1.7	0.70	**J**
123-91-1	1,4-Dioxane	1.7	5.1	1.7	0.61	**U**
142-82-5	n-Heptane	3.1	5.1	3.1	0.83	**U**
108-10-1	4-Methyl-2-pentanone	1.7	9.8	1.7	0.71	**U**
108-88-3	Toluene	**0.71**	5.1	1.7	0.63	**J**
591-78-6	2-Hexanone	1.7	9.8	1.7	0.64	**U**
124-48-1	Dibromochloromethane	1.7	5.1	1.7	0.68	**U**
106-93-4	1,2-Dibromoethane	1.7	5.1	1.7	0.60	**U**
127-18-4	Tetrachloroethene	**20**	5.1	1.7	0.67	
100-41-4	Ethylbenzene	1.7	5.1	1.7	0.73	**U**
179601-23-1	m,p-Xylenes	3.3	9.8	3.3	1.4	**U**
75-25-2	Bromoform	3.1	5.2	3.1	1.1	**U**
100-42-5	Styrene	3.1	5.1	3.1	0.84	**U**
95-47-6	o-Xylene	1.7	5.2	1.7	0.75	**U**
108-67-8	1,3,5-Trimethylbenzene	1.7	5.2	1.7	0.75	**U**
95-63-6	1,2,4-Trimethylbenzene	1.7	5.1	1.7	0.72	**U**
120-82-1	1,2,4-Trichlorobenzene	3.1	9.8	3.1	1.3	**U**
91-20-3	Naphthalene	3.0	5.1	3.0	1.3	**U**
1330-20-7	Xylenes, Total	3.3	9.8	3.3	1.4	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	10	17	10	4.2	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	10	17	10	2.8	**U**
74-87-3	Chloromethane	**3.6**	17	10	2.8	**J**
75-01-4	Vinyl Chloride	5.5	17	5.5	1.9	**U**
106-99-0	1,3-Butadiene	10	17	10	2.9	**U**
75-00-3	Chloroethane	10	17	10	2.1	**U**
64-17-5	Ethanol	**36**	170	27	12	**J, B**
67-64-1	Acetone	88	170	88	39	**U**
75-69-4	Trichlorofluoromethane	10	17	10	2.6	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	20	33	20	7.2	**U**
75-09-2	Methylene Chloride	10	17	10	4.9	**U**
76-13-1	Trichlorotrifluoroethane	5.5	17	5.5	2.5	**U**
75-15-0	Carbon Disulfide	**38**	33	18	5.2	
75-34-3	1,1-Dichloroethane	11	18	11	2.5	**U**
78-93-3	2-Butanone (MEK)	**20**	33	10	3.6	**J**
141-78-6	Ethyl Acetate	21	33	21	9.1	**U**
110-54-3	n-Hexane	**15**	17	10	3.6	**J**
67-66-3	Chloroform	**220**	17	5.5	2.3	
109-99-9	Tetrahydrofuran (THF)	**19**	33	5.5	2.2	**J**
107-06-2	1,2-Dichloroethane	5.5	17	5.5	1.9	**U**
71-43-2	Benzene	**52**	17	5.5	2.5	
56-23-5	Carbon Tetrachloride	**25**	17	5.5	2.4	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**140**	33	11	4.9	
75-27-4	Bromodichloromethane	**26**	17	5.5	2.5	
79-01-6	Trichloroethene	5.5	17	5.5	2.3	**U**
123-91-1	1,4-Dioxane	5.5	17	5.5	2.0	**U**
142-82-5	n-Heptane	10	17	10	2.8	**U**
108-10-1	4-Methyl-2-pentanone	5.5	33	5.5	2.4	**U**
108-88-3	Toluene	**48**	17	5.5	2.1	
591-78-6	2-Hexanone	5.5	33	5.5	2.1	**U**
124-48-1	Dibromochloromethane	5.5	17	5.5	2.3	**U**
106-93-4	1,2-Dibromoethane	5.5	17	5.5	2.0	**U**
127-18-4	Tetrachloroethene	**6.6**	17	5.5	2.2	**J**
100-41-4	Ethylbenzene	5.5	17	5.5	2.4	**U**
179601-23-1	m,p-Xylenes	**5.4**	33	11	4.6	**J**
75-25-2	Bromoform	10	17	10	3.6	**U**
100-42-5	Styrene	10	17	10	2.8	**U**
95-47-6	o-Xylene	**5.2**	17	5.5	2.5	**J**
108-67-8	1,3,5-Trimethylbenzene	5.5	17	5.5	2.5	**U**
95-63-6	1,2,4-Trimethylbenzene	5.5	17	5.5	2.4	**U**
120-82-1	1,2,4-Trichlorobenzene	10	33	10	4.2	**U**
91-20-3	Naphthalene	10	17	10	4.2	**U**
1330-20-7	Xylenes, Total	**11**	33	11	4.6	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00066

Initial Pressure (psig): -4.33 Final Pressure (psig): 6.24

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.73**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**21**	27	4.2	1.9	**J, B**
67-64-1	Acetone	**18**	26	14	6.1	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.2**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	**1.7**	2.6	1.6	0.76	**J**
76-13-1	Trichlorotrifluoroethane	**0.48**	2.7	0.86	0.38	**J**
75-15-0	Carbon Disulfide	**3.0**	5.1	2.7	0.81	**J**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**4.5**	5.1	1.6	0.56	**J**
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.56	**U**
67-66-3	Chloroform	**760**	27	8.6	3.6	**D**
109-99-9	Tetrahydrofuran (THF)	**8.3**	5.1	0.86	0.34	
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**0.42**	2.6	0.86	0.39	**J**
56-23-5	Carbon Tetrachloride	**7.1**	2.6	0.86	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00066

Initial Pressure (psig): -4.33 Final Pressure (psig): 6.24

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.76	**U**
75-27-4	Bromodichloromethane	**78**	2.6	0.86	0.39	
79-01-6	Trichloroethene	**1.3**	2.6	0.86	0.36	**J**
123-91-1	1,4-Dioxane	**1.5**	2.6	0.86	0.32	**J**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**0.95**	2.6	0.86	0.33	**J**
591-78-6	2-Hexanone	0.86	5.1	0.86	0.33	**U**
124-48-1	Dibromochloromethane	**1.1**	2.6	0.86	0.35	**J**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**9.5**	2.6	0.86	0.35	
100-41-4	Ethylbenzene	0.86	2.6	0.86	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.1	1.7	0.71	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.86	2.7	0.86	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.86	2.6	0.86	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	1.7	5.1	1.7	0.71	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-016

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00850

Initial Pressure (psig): -4.38 Final Pressure (psig): 6.40

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.7	1.6	0.66	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.7	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.7	1.6	0.44	**U**
75-01-4	Vinyl Chloride	0.87	2.7	0.87	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.7	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	**U**
64-17-5	Ethanol	**6.4**	27	4.2	1.9	**J, B**
67-64-1	Acetone	**8.9**	27	14	6.1	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.1	3.2	1.1	**U**
75-09-2	Methylene Chloride	**2.7**	2.7	1.6	0.77	
76-13-1	Trichlorotrifluoroethane	**0.45**	2.7	0.87	0.39	**J**
75-15-0	Carbon Disulfide	**2.2**	5.1	2.8	0.82	**J**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**0.93**	5.1	1.6	0.56	**J**
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.7	1.6	0.56	**U**
67-66-3	Chloroform	**1,300**	27	8.7	3.6	**D**
109-99-9	Tetrahydrofuran (THF)	**14**	5.1	0.87	0.34	
107-06-2	1,2-Dichloroethane	0.87	2.7	0.87	0.30	**U**
71-43-2	Benzene	0.87	2.7	0.87	0.39	**U**
56-23-5	Carbon Tetrachloride	**23**	2.6	0.87	0.38	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-016

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22 - 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00850

Initial Pressure (psig): -4.38 Final Pressure (psig): 6.40

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.77	**U**
75-27-4	Bromodichloromethane	**230**	2.7	0.87	0.39	
79-01-6	Trichloroethene	**2.7**	2.6	0.87	0.37	
123-91-1	1,4-Dioxane	**0.38**	2.7	0.87	0.32	**J**
142-82-5	n-Heptane	1.6	2.7	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.87	5.1	0.87	0.37	**U**
108-88-3	Toluene	**0.47**	2.7	0.87	0.33	**J**
591-78-6	2-Hexanone	0.87	5.1	0.87	0.34	**U**
124-48-1	Dibromochloromethane	**7.0**	2.7	0.87	0.36	
106-93-4	1,2-Dibromoethane	0.87	2.7	0.87	0.32	**U**
127-18-4	Tetrachloroethene	**14**	2.7	0.87	0.35	
100-41-4	Ethylbenzene	0.87	2.7	0.87	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.1	1.7	0.71	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.7	1.6	0.44	**U**
95-47-6	o-Xylene	0.87	2.7	0.87	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.87	2.7	0.87	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.87	2.7	0.87	0.38	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.66	**U**
1330-20-7	Xylenes, Total	1.7	5.1	1.7	0.71	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-017

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -4.25 Final Pressure (psig): 6.32

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.6	1.6	0.65	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.6**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.7	0.85	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**4.4**	27	4.2	1.9	**J, B**
67-64-1	Acetone	**12**	26	14	6.0	**J**
75-69-4	Trichlorofluoromethane	**1.6**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.9**	5.0	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	0.85	2.7	0.85	0.38	**U**
75-15-0	Carbon Disulfide	**4.4**	5.0	2.7	0.80	**J**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**1.5**	5.0	1.6	0.55	**J**
141-78-6	Ethyl Acetate	3.3	5.0	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**77**	2.7	0.85	0.36	
109-99-9	Tetrahydrofuran (THF)	**13**	5.0	0.85	0.34	
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.30	**U**
71-43-2	Benzene	0.85	2.6	0.85	0.39	**U**
56-23-5	Carbon Tetrachloride	**37**	2.6	0.85	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-017

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00884

Initial Pressure (psig): -4.25 Final Pressure (psig): 6.32

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	**3.1**	2.6	0.85	0.39	
79-01-6	Trichloroethene	**74**	2.6	0.85	0.36	
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.37	**U**
108-88-3	Toluene	0.85	2.6	0.85	0.33	**U**
591-78-6	2-Hexanone	0.85	5.0	0.85	0.33	**U**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**6.3**	2.6	0.85	0.35	
100-41-4	Ethylbenzene	0.85	2.6	0.85	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.0	1.7	0.70	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.85	2.7	0.85	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.85	2.7	0.85	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.85	2.6	0.85	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.65	**U**
1330-20-7	Xylenes, Total	1.7	5.0	1.7	0.70	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-018

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01139

Initial Pressure (psig): -4.01 Final Pressure (psig): 6.00

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.5	1.6	0.63	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.63**	2.5	1.6	0.42	**J**
74-87-3	Chloromethane	1.6	2.5	1.6	0.42	**U**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	1.6	2.5	1.6	0.32	**U**
64-17-5	Ethanol	**8.9**	26	4.0	1.8	**J, B**
67-64-1	Acetone	**22**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**1.2**	2.5	1.6	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	4.9	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.5	1.6	0.73	**U**
76-13-1	Trichlorotrifluoroethane	0.82	2.6	0.82	0.37	**U**
75-15-0	Carbon Disulfide	**3.6**	4.9	2.6	0.78	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**4.2**	4.9	1.6	0.53	**J**
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.5	1.6	0.53	**U**
67-66-3	Chloroform	**1.3**	2.6	0.82	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**8.4**	4.9	0.82	0.32	
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.29	**U**
71-43-2	Benzene	0.82	2.5	0.82	0.37	**U**
56-23-5	Carbon Tetrachloride	**1.6**	2.5	0.82	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-250-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-018

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01139

Initial Pressure (psig): -4.01 Final Pressure (psig): 6.00

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.9	1.6	0.73	**U**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	0.82	2.5	0.82	0.35	**U**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.31	**U**
142-82-5	n-Heptane	1.6	2.5	1.6	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.82	4.9	0.82	0.35	**U**
108-88-3	Toluene	**1.5**	2.5	0.82	0.32	**J**
591-78-6	2-Hexanone	0.82	4.9	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	0.82	2.5	0.82	0.33	**U**
100-41-4	Ethylbenzene	0.82	2.5	0.82	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.9	1.6	0.68	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.53	**U**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	0.82	2.6	0.82	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.82	2.6	0.82	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	0.82	2.5	0.82	0.36	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.63	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.63	**U**
1330-20-7	Xylenes, Total	1.6	4.9	1.6	0.68	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00993

Initial Pressure (psig): -5.39 Final Pressure (psig): 6.61

Container Dilution Factor: 2.29

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.8	3.0	1.8	0.74	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1.8	3.0	1.8	0.50	**U**
74-87-3	Chloromethane	1.8	3.0	1.8	0.49	**U**
75-01-4	Vinyl Chloride	0.97	3.0	0.97	0.33	**U**
106-99-0	1,3-Butadiene	1.8	3.0	1.8	0.50	**U**
75-00-3	Chloroethane	1.8	3.0	1.8	0.38	**U**
64-17-5	Ethanol	**16**	30	4.8	2.1	**J**
67-64-1	Acetone	15	30	15	6.9	**U**
75-69-4	Trichlorofluoromethane	1.8	2.9	1.8	0.46	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.6	5.7	3.6	1.3	**U**
75-09-2	Methylene Chloride	1.8	3.0	1.8	0.86	**U**
76-13-1	Trichlorotrifluoroethane	0.97	3.0	0.97	0.44	**U**
75-15-0	Carbon Disulfide	**4.1**	5.7	3.1	0.92	**J**
75-34-3	1,1-Dichloroethane	1.9	3.1	1.9	0.45	**U**
78-93-3	2-Butanone (MEK)	**1.1**	5.7	1.8	0.63	**J**
141-78-6	Ethyl Acetate	3.7	5.7	3.7	1.6	**U**
110-54-3	n-Hexane	**1.3**	3.0	1.8	0.63	**J**
67-66-3	Chloroform	**0.62**	3.0	0.97	0.41	**J**
109-99-9	Tetrahydrofuran (THF)	**8.9**	5.7	0.97	0.38	
107-06-2	1,2-Dichloroethane	0.97	3.0	0.97	0.34	**U**
71-43-2	Benzene	0.97	3.0	0.97	0.44	**U**
56-23-5	Carbon Tetrachloride	0.97	2.9	0.97	0.42	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-350-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00993

Initial Pressure (psig): -5.39 Final Pressure (psig): 6.61

Container Dilution Factor: 2.29

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4.6**	5.7	1.9	0.86	**J**
75-27-4	Bromodichloromethane	0.97	3.0	0.97	0.44	**U**
79-01-6	Trichloroethene	**4.2**	2.9	0.97	0.41	
123-91-1	1,4-Dioxane	0.97	3.0	0.97	0.36	**U**
142-82-5	n-Heptane	1.8	3.0	1.8	0.49	**U**
108-10-1	4-Methyl-2-pentanone	0.97	5.7	0.97	0.42	**U**
108-88-3	Toluene	**0.53**	3.0	0.97	0.37	**J**
591-78-6	2-Hexanone	0.97	5.7	0.97	0.38	**U**
124-48-1	Dibromochloromethane	0.97	3.0	0.97	0.40	**U**
106-93-4	1,2-Dibromoethane	0.97	3.0	0.97	0.35	**U**
127-18-4	Tetrachloroethene	0.97	3.0	0.97	0.40	**U**
100-41-4	Ethylbenzene	0.97	3.0	0.97	0.43	**U**
179601-23-1	m,p-Xylenes	1.9	5.7	1.9	0.80	**U**
75-25-2	Bromoform	1.8	3.0	1.8	0.63	**U**
100-42-5	Styrene	1.8	3.0	1.8	0.49	**U**
95-47-6	o-Xylene	0.97	3.0	0.97	0.44	**U**
108-67-8	1,3,5-Trimethylbenzene	0.97	3.0	0.97	0.44	**U**
95-63-6	1,2,4-Trimethylbenzene	0.97	3.0	0.97	0.42	**U**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.7	1.8	0.74	**U**
91-20-3	Naphthalene	1.8	3.0	1.8	0.74	**U**
1330-20-7	Xylenes, Total	1.9	5.7	1.9	0.80	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00692

Initial Pressure (psig): -4.75 Final Pressure (psig): 6.96

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	100	160	100	40	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	100	160	100	27	**U**
74-87-3	Chloromethane	**39**	160	100	27	**J**
75-01-4	Vinyl Chloride	53	170	53	18	**U**
106-99-0	1,3-Butadiene	100	160	100	27	**U**
75-00-3	Chloroethane	100	160	100	21	**U**
64-17-5	Ethanol	**290**	1,700	260	120	**J, B**
67-64-1	Acetone	840	1,600	840	370	**U**
75-69-4	Trichlorofluoromethane	100	160	100	25	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	200	310	200	69	**U**
75-09-2	Methylene Chloride	100	160	100	47	**U**
76-13-1	Trichlorotrifluoroethane	53	170	53	24	**U**
75-15-0	Carbon Disulfide	**210**	310	170	50	**J**
75-34-3	1,1-Dichloroethane	100	170	100	24	**U**
78-93-3	2-Butanone (MEK)	100	310	100	34	**U**
141-78-6	Ethyl Acetate	200	310	200	87	**U**
110-54-3	n-Hexane	100	160	100	34	**U**
67-66-3	Chloroform	**410**	170	53	22	
109-99-9	Tetrahydrofuran (THF)	**41**	310	53	21	**J**
107-06-2	1,2-Dichloroethane	53	160	53	18	**U**
71-43-2	Benzene	**170**	160	53	24	
56-23-5	Carbon Tetrachloride	53	160	53	23	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV125-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00692

Initial Pressure (psig): -4.75 Final Pressure (psig): 6.96

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	110	310	110	47	**U**
75-27-4	Bromodichloromethane	**34**	160	53	24	**J**
79-01-6	Trichloroethene	53	160	53	22	**U**
123-91-1	1,4-Dioxane	53	160	53	20	**U**
142-82-5	n-Heptane	100	160	100	26	**U**
108-10-1	4-Methyl-2-pentanone	53	310	53	23	**U**
108-88-3	Toluene	**500**	160	53	20	
591-78-6	2-Hexanone	53	310	53	21	**U**
124-48-1	Dibromochloromethane	53	160	53	22	**U**
106-93-4	1,2-Dibromoethane	53	160	53	19	**U**
127-18-4	Tetrachloroethene	53	160	53	21	**U**
100-41-4	Ethylbenzene	**33**	160	53	23	**J**
179601-23-1	m,p-Xylenes	**59**	310	110	44	**J**
75-25-2	Bromoform	100	170	100	34	**U**
100-42-5	Styrene	100	160	100	27	**U**
95-47-6	o-Xylene	53	170	53	24	**U**
108-67-8	1,3,5-Trimethylbenzene	53	170	53	24	**U**
95-63-6	1,2,4-Trimethylbenzene	53	160	53	23	**U**
120-82-1	1,2,4-Trichlorobenzene	100	310	100	40	**U**
91-20-3	Naphthalene	97	160	97	40	**U**
1330-20-7	Xylenes, Total	**59**	310	110	44	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00495

Initial Pressure (psig): -4.34 Final Pressure (psig): 6.80

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.7	2.7	1.7	0.68	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.7	1.7	0.45	**J**
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.88	2.8	0.88	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.34	**U**
64-17-5	Ethanol	**32**	28	4.3	1.9	
67-64-1	Acetone	14	27	14	6.2	**U**
75-69-4	Trichlorofluoromethane	**1.2**	2.7	1.7	0.42	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.8**	5.2	3.3	1.1	**J**
75-09-2	Methylene Chloride	**3.5**	2.7	1.7	0.78	
76-13-1	Trichlorotrifluoroethane	**0.43**	2.8	0.88	0.40	**J**
75-15-0	Carbon Disulfide	**0.93**	5.2	2.8	0.83	**J**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**3.9**	5.2	1.7	0.57	**J**
141-78-6	Ethyl Acetate	3.4	5.2	3.4	1.5	**U**
110-54-3	n-Hexane	**3.5**	2.7	1.7	0.57	
67-66-3	Chloroform	**600**	28	8.8	3.7	**D**
109-99-9	Tetrahydrofuran (THF)	**2.2**	5.2	0.88	0.35	**J**
107-06-2	1,2-Dichloroethane	0.88	2.7	0.88	0.31	**U**
71-43-2	Benzene	**0.70**	2.7	0.88	0.40	**J**
56-23-5	Carbon Tetrachloride	**11**	2.7	0.88	0.38	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-025-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00495

Initial Pressure (psig): -4.34 Final Pressure (psig): 6.80

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.1**	5.2	1.8	0.78	**J**
75-27-4	Bromodichloromethane	**59**	2.7	0.88	0.40	
79-01-6	Trichloroethene	**4.4**	2.7	0.88	0.37	
123-91-1	1,4-Dioxane	0.88	2.7	0.88	0.33	**U**
142-82-5	n-Heptane	**1.4**	2.7	1.7	0.44	**J**
108-10-1	4-Methyl-2-pentanone	**0.87**	5.2	0.88	0.38	**J**
108-88-3	Toluene	**26**	2.7	0.88	0.34	
591-78-6	2-Hexanone	**1.1**	5.2	0.88	0.34	**J**
124-48-1	Dibromochloromethane	**0.77**	2.7	0.88	0.36	**J**
106-93-4	1,2-Dibromoethane	0.88	2.7	0.88	0.32	**U**
127-18-4	Tetrachloroethene	**3.5**	2.7	0.88	0.36	
100-41-4	Ethylbenzene	**1.2**	2.7	0.88	0.39	**J**
179601-23-1	m,p-Xylenes	**3.7**	5.2	1.8	0.73	**J**
75-25-2	Bromoform	1.7	2.8	1.7	0.57	**U**
100-42-5	Styrene	**0.87**	2.7	1.7	0.45	**J**
95-47-6	o-Xylene	**1.4**	2.8	0.88	0.40	**J**
108-67-8	1,3,5-Trimethylbenzene	0.88	2.8	0.88	0.40	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.72**	2.7	0.88	0.38	**J**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.2	1.7	0.68	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.68	**U**
1330-20-7	Xylenes, Total	**5.0**	5.2	1.8	0.73	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.47

Container Dilution Factor: 2.07

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.89**	2.7	1.7	0.67	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.7	1.7	0.45	**J**
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.88	2.7	0.88	0.29	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.34	**U**
64-17-5	Ethanol	**11**	27	4.3	1.9	**J**
67-64-1	Acetone	**28**	27	14	6.2	
75-69-4	Trichlorofluoromethane	**1.3**	2.6	1.7	0.42	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	5.2	3.3	1.1	**J**
75-09-2	Methylene Chloride	1.7	2.7	1.7	0.78	**U**
76-13-1	Trichlorotrifluoroethane	**0.44**	2.7	0.88	0.39	**J**
75-15-0	Carbon Disulfide	**5.1**	5.2	2.8	0.83	**J**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**13**	5.2	1.7	0.57	
141-78-6	Ethyl Acetate	3.4	5.2	3.4	1.4	**U**
110-54-3	n-Hexane	1.7	2.7	1.7	0.57	**U**
67-66-3	Chloroform	**590**	27	8.8	3.7	**D**
109-99-9	Tetrahydrofuran (THF)	**66**	5.2	0.88	0.35	
107-06-2	1,2-Dichloroethane	0.88	2.7	0.88	0.31	**U**
71-43-2	Benzene	0.88	2.7	0.88	0.40	**U**
56-23-5	Carbon Tetrachloride	**23**	2.6	0.88	0.38	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-050-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21 & 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.47

Container Dilution Factor: 2.07

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.2	1.8	0.78	**U**
75-27-4	Bromodichloromethane	**85**	2.7	0.88	0.40	
79-01-6	Trichloroethene	**2.7**	2.6	0.88	0.37	
123-91-1	1,4-Dioxane	**0.55**	2.7	0.88	0.33	**J**
142-82-5	n-Heptane	1.7	2.7	1.7	0.44	**U**
108-10-1	4-Methyl-2-pentanone	0.88	5.2	0.88	0.38	**U**
108-88-3	Toluene	**0.88**	2.7	0.88	0.34	**J**
591-78-6	2-Hexanone	**1.9**	5.2	0.88	0.34	**J**
124-48-1	Dibromochloromethane	**19**	2.7	0.88	0.36	
106-93-4	1,2-Dibromoethane	0.88	2.7	0.88	0.32	**U**
127-18-4	Tetrachloroethene	**7.0**	2.7	0.88	0.36	
100-41-4	Ethylbenzene	0.88	2.7	0.88	0.39	**U**
179601-23-1	m,p-Xylenes	1.8	5.2	1.8	0.72	**U**
75-25-2	Bromoform	**2.3**	2.7	1.7	0.57	**J**
100-42-5	Styrene	1.7	2.7	1.7	0.45	**U**
95-47-6	o-Xylene	0.88	2.7	0.88	0.40	**U**
108-67-8	1,3,5-Trimethylbenzene	0.88	2.7	0.88	0.40	**U**
95-63-6	1,2,4-Trimethylbenzene	0.88	2.7	0.88	0.38	**U**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.2	1.7	0.67	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.67	**U**
1330-20-7	Xylenes, Total	1.8	5.2	1.8	0.72	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01137

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.95

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.99**	2.3	1.4	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.4**	2.3	1.4	0.39	**J**
74-87-3	Chloromethane	1.4	2.3	1.4	0.39	**U**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.40	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.30	**U**
64-17-5	Ethanol	**8.7**	24	3.7	1.7	**J**
67-64-1	Acetone	**17**	23	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**1.4**	2.3	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.8	4.5	2.8	0.99	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.68	**U**
76-13-1	Trichlorotrifluoroethane	0.77	2.4	0.77	0.34	**U**
75-15-0	Carbon Disulfide	**0.82**	4.5	2.4	0.72	**J**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**3.1**	4.5	1.4	0.50	**J**
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.3	**U**
110-54-3	n-Hexane	1.4	2.3	1.4	0.50	**U**
67-66-3	Chloroform	**90**	2.4	0.77	0.32	
109-99-9	Tetrahydrofuran (THF)	**1.1**	4.5	0.77	0.30	**J**
107-06-2	1,2-Dichloroethane	0.77	2.3	0.77	0.27	**U**
71-43-2	Benzene	**0.83**	2.3	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	**19**	2.3	0.77	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-150-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01137

Initial Pressure (psig): -2.70 Final Pressure (psig): 6.95

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.68	**U**
75-27-4	Bromodichloromethane	**7.4**	2.3	0.77	0.35	
79-01-6	Trichloroethene	0.77	2.3	0.77	0.32	**U**
123-91-1	1,4-Dioxane	0.77	2.3	0.77	0.28	**U**
142-82-5	n-Heptane	**0.49**	2.3	1.4	0.38	**J**
108-10-1	4-Methyl-2-pentanone	0.77	4.5	0.77	0.33	**U**
108-88-3	Toluene	**1.9**	2.3	0.77	0.29	**J**
591-78-6	2-Hexanone	**1.1**	4.5	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.3	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.3	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**3.0**	2.3	0.77	0.31	
100-41-4	Ethylbenzene	0.77	2.3	0.77	0.34	**U**
179601-23-1	m,p-Xylenes	**1.2**	4.5	1.5	0.63	**J**
75-25-2	Bromoform	1.4	2.4	1.4	0.50	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.39	**U**
95-47-6	o-Xylene	**0.40**	2.4	0.77	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	0.77	2.4	0.77	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	0.77	2.3	0.77	0.33	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.59	**U**
91-20-3	Naphthalene	1.4	2.3	1.4	0.59	**U**
1330-20-7	Xylenes, Total	**1.6**	4.5	1.5	0.63	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00164

Initial Pressure (psig): -3.80 Final Pressure (psig): 7.09

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.6	1.6	0.65	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.7	0.85	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**2.4**	27	4.2	1.9	**J**
67-64-1	Acetone	**9.5**	26	14	6.0	**J**
75-69-4	Trichlorofluoromethane	**1.4**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.0	3.2	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	0.85	2.7	0.85	0.38	**U**
75-15-0	Carbon Disulfide	**8.1**	5.0	2.7	0.80	
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**0.98**	5.0	1.6	0.55	**J**
141-78-6	Ethyl Acetate	3.3	5.0	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**4.0**	2.7	0.85	0.36	
109-99-9	Tetrahydrofuran (THF)	**2.0**	5.0	0.85	0.34	**J**
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.30	**U**
71-43-2	Benzene	**0.40**	2.6	0.85	0.39	**J**
56-23-5	Carbon Tetrachloride	**4.1**	2.6	0.85	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-612** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00164

Initial Pressure (psig): -3.80 Final Pressure (psig): 7.09

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.39	**U**
79-01-6	Trichloroethene	0.85	2.6	0.85	0.36	**U**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.37	**U**
108-88-3	Toluene	**0.67**	2.6	0.85	0.33	**J**
591-78-6	2-Hexanone	0.85	5.0	0.85	0.33	**U**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	0.85	2.6	0.85	0.35	**U**
100-41-4	Ethylbenzene	0.85	2.6	0.85	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.0	1.7	0.70	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.85	2.7	0.85	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.85	2.7	0.85	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.85	2.6	0.85	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.65	**U**
1330-20-7	Xylenes, Total	1.7	5.0	1.7	0.70	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	**0.55**	5.3	0.83	0.37	**J**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101894

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/5 - 4/6/21
Analyst: Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/22 - 4/27/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210422-MB	**90**	**107**	**101**	70-130	
Method Blank	P210423-MB	**109**	**103**	**94**	70-130	
Method Blank	P210427-MB	**109**	**102**	**96**	70-130	
Lab Control Sample	P210422-LCS	**95**	**101**	**100**	70-130	
Lab Control Sample	P210423-LCS	**98**	**102**	**100**	70-130	
Lab Control Sample	P210427-LCS	**116**	**96**	**92**	70-130	
Duplicate Lab Control Sample	P210422-DLCS	**105**	**98**	**98**	70-130	
Duplicate Lab Control Sample	P210423-DLCS	**96**	**102**	**101**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**111**	**98**	**96**	70-130	
SV116-450-212	P2101894-001	**92**	**101**	**101**	70-130	
SV117-025-212	P2101894-002	**93**	**105**	**108**	70-130	
SV117-050-212	P2101894-003	**94**	**104**	**106**	70-130	
SV117-150-212	P2101894-004	**97**	**104**	**104**	70-130	
SV117-250-212	P2101894-005	**92**	**106**	**106**	70-130	
SV117-350-212	P2101894-006	**92**	**84**	**88**	70-130	
SV117-450-212	P2101894-007	**92**	**100**	**102**	70-130	
SV124-025-212	P2101894-008	**107**	**102**	**100**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101894

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/5 - 4/6/21
Analyst: Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/22 - 4/27/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV124-050-212	P2101894-009	**104**	**103**	**101**	70-130	
SV124-150-212	P2101894-010	**103**	**102**	**101**	70-130	
SV124-250-212	P2101894-011	**106**	**102**	**98**	70-130	
SV124-250-612	P2101894-012	**106**	**100**	**97**	70-130	
SV124-350-212	P2101894-013	**105**	**103**	**99**	70-130	
SV124-450-212	P2101894-014	**97**	**104**	**104**	70-130	
SV124-450-212	P2101894-014DUP	**98**	**107**	**104**	70-130	
SV125-025-212	P2101894-015	**94**	**104**	**107**	70-130	
SV125-050-212	P2101894-016	**107**	**102**	**96**	70-130	
SV125-150-212	P2101894-017	**112**	**101**	**94**	70-130	
SV125-250-212	P2101894-018	**113**	**101**	**93**	70-130	
SV125-350-212	P2101894-019	**109**	**102**	**99**	70-130	
SV125-450-212	P2101894-020	**92**	**106**	**108**	70-130	
SV127-025-212	P2101894-021	**113**	**102**	**96**	70-130	
SV127-050-212	P2101894-022	**110**	**100**	**95**	70-130	
SV127-150-212	P2101894-023	**114**	**101**	**94**	70-130	
SV127-250-612	P2101894-024	**114**	**101**	**93**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	197	222	**94**	**106**	57-136	12	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	204	219	**97**	**104**	59-128	7	25	
74-87-3	Chloromethane	206	203	221	**99**	**107**	59-132	8	25	
75-01-4	Vinyl Chloride	208	213	228	**102**	**110**	64-127	8	25	
106-99-0	1,3-Butadiene	210	234	246	**111**	**117**	66-134	5	25	
75-00-3	Chloroethane	204	211	212	**103**	**104**	63-127	1	25	
64-17-5	Ethanol	998	901	922	**90**	**92**	59-125	2	25	
67-64-1	Acetone	1,030	1010	1050	**98**	**102**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	204	212	**100**	**104**	62-126	4	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	446	460	**109**	**113**	52-125	4	25	
75-09-2	Methylene Chloride	208	224	221	**108**	**106**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	217	214	**101**	**100**	66-126	1	25	
75-15-0	Carbon Disulfide	428	424	423	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	216	224	**102**	**106**	68-126	4	25	
78-93-3	2-Butanone (MEK)	412	445	451	**108**	**109**	67-130	0.9	25	
141-78-6	Ethyl Acetate	422	558	588	**132**	**139**	65-128	5	25	**L**
110-54-3	n-Hexane	212	200	211	**94**	**100**	63-120	6	25	
67-66-3	Chloroform	214	217	226	**101**	**106**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	400	408	416	**102**	**104**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	212	229	**102**	**110**	65-128	8	25	
71-43-2	Benzene	204	211	217	**103**	**106**	69-119	3	25	
56-23-5	Carbon Tetrachloride	210	208	220	**99**	**105**	68-132	6	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210422-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	431	441	**104**	**106**	70-117	2	25	
75-27-4	Bromodichloromethane	210	222	234	**106**	**111**	72-128	5	25	
79-01-6	Trichloroethene	206	221	219	**107**	**106**	71-123	0.9	25	
123-91-1	1,4-Dioxane	208	218	220	**105**	**106**	71-122	0.9	25	
142-82-5	n-Heptane	210	232	227	**110**	**108**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	458	475	**110**	**114**	67-130	4	25	
108-88-3	Toluene	206	223	213	**108**	**103**	66-119	5	25	
591-78-6	2-Hexanone	404	436	449	**108**	**111**	62-128	3	25	
124-48-1	Dibromochloromethane	210	251	240	**120**	**114**	70-130	5	25	
106-93-4	1,2-Dibromoethane	208	248	238	**119**	**114**	74-122	4	25	
127-18-4	Tetrachloroethene	206	230	216	**112**	**105**	66-124	6	25	
100-41-4	Ethylbenzene	206	234	227	**114**	**110**	70-124	4	25	
179601-23-1	m,p-Xylenes	412	459	447	**111**	**108**	61-134	3	25	
75-25-2	Bromoform	208	241	228	**116**	**110**	66-139	5	25	
100-42-5	Styrene	206	235	222	**114**	**108**	73-127	5	25	
95-47-6	o-Xylene	206	232	226	**113**	**110**	67-125	3	25	
108-67-8	1,3,5-Trimethylbenzene	206	224	213	**109**	**103**	67-130	6	25	
95-63-6	1,2,4-Trimethylbenzene	204	226	222	**111**	**109**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	449	441	**116**	**114**	55-142	2	25	
91-20-3	Naphthalene	198	236	232	**119**	**117**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	203	201	**97**	**96**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	204	208	**97**	**99**	59-128	2	25	
74-87-3	Chloromethane	206	196	194	**95**	**94**	59-132	1	25	
75-01-4	Vinyl Chloride	208	208	212	**100**	**102**	64-127	2	25	
106-99-0	1,3-Butadiene	210	237	242	**113**	**115**	66-134	2	25	
75-00-3	Chloroethane	204	213	214	**104**	**105**	63-127	1	25	
64-17-5	Ethanol	998	929	926	**93**	**93**	59-125	0	25	
67-64-1	Acetone	1,030	1030	1000	**100**	**97**	58-128	3	25	
75-69-4	Trichlorofluoromethane	204	201	201	**99**	**99**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	425	424	**104**	**104**	52-125	0	25	
75-09-2	Methylene Chloride	208	213	214	**102**	**103**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	209	214	**98**	**100**	66-126	2	25	
75-15-0	Carbon Disulfide	428	400	404	**93**	**94**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	211	211	**100**	**100**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	432	433	**105**	**105**	67-130	0	25	
141-78-6	Ethyl Acetate	422	543	545	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	212	196	196	**92**	**92**	63-120	0	25	
67-66-3	Chloroform	214	212	214	**99**	**100**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	396	400	**99**	**100**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	211	212	**101**	**102**	65-128	1	25	
71-43-2	Benzene	204	206	208	**101**	**102**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	206	208	**98**	**99**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	422	426	**101**	**102**	70-117	1	25	
75-27-4	Bromodichloromethane	210	218	221	**104**	**105**	72-128	1	25	
79-01-6	Trichloroethene	206	214	218	**104**	**106**	71-123	2	25	
123-91-1	1,4-Dioxane	208	211	214	**101**	**103**	71-122	2	25	
142-82-5	n-Heptane	210	216	217	**103**	**103**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	441	444	**106**	**107**	67-130	0.9	25	
108-88-3	Toluene	206	216	220	**105**	**107**	66-119	2	25	
591-78-6	2-Hexanone	404	433	438	**107**	**108**	62-128	0.9	25	
124-48-1	Dibromochloromethane	210	244	249	**116**	**119**	70-130	3	25	
106-93-4	1,2-Dibromoethane	208	243	248	**117**	**119**	74-122	2	25	
127-18-4	Tetrachloroethene	206	224	230	**109**	**112**	66-124	3	25	
100-41-4	Ethylbenzene	206	228	232	**111**	**113**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	447	455	**108**	**110**	61-134	2	25	
75-25-2	Bromoform	208	235	240	**113**	**115**	66-139	2	25	
100-42-5	Styrene	206	225	230	**109**	**112**	73-127	3	25	
95-47-6	o-Xylene	206	226	230	**110**	**112**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	215	218	**104**	**106**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	221	224	**108**	**110**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	437	450	**113**	**116**	55-142	3	25	
91-20-3	Naphthalene	198	232	239	**117**	**121**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	231	218	**110**	**104**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	235	223	**112**	**106**	59-128	6	25	
74-87-3	Chloromethane	206	211	214	**102**	**104**	59-132	2	25	
75-01-4	Vinyl Chloride	208	231	235	**111**	**113**	64-127	2	25	
106-99-0	1,3-Butadiene	210	264	252	**126**	**120**	66-134	5	25	
75-00-3	Chloroethane	204	219	203	**107**	**100**	63-127	7	25	
64-17-5	Ethanol	998	987	907	**99**	**91**	59-125	8	25	
67-64-1	Acetone	1,030	1090	1010	**106**	**98**	58-128	8	25	
75-69-4	Trichlorofluoromethane	204	233	216	**114**	**106**	62-126	7	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	502	460	**123**	**113**	52-125	8	25	
75-09-2	Methylene Chloride	208	234	219	**113**	**105**	62-115	7	25	
76-13-1	Trichlorotrifluoroethane	214	215	210	**100**	**98**	66-126	2	25	
75-15-0	Carbon Disulfide	428	455	418	**106**	**98**	57-134	8	25	
75-34-3	1,1-Dichloroethane	212	238	224	**112**	**106**	68-126	6	25	
78-93-3	2-Butanone (MEK)	412	469	443	**114**	**108**	67-130	5	25	
141-78-6	Ethyl Acetate	422	609	568	**144**	**135**	65-128	6	25	**L**
110-54-3	n-Hexane	212	218	207	**103**	**98**	63-120	5	25	
67-66-3	Chloroform	214	242	228	**113**	**107**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	400	424	410	**106**	**103**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	253	238	**122**	**114**	65-128	7	25	
71-43-2	Benzene	204	215	211	**105**	**103**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	230	223	**110**	**106**	68-132	4	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	433	426	**104**	**102**	70-117	2	25	
75-27-4	Bromodichloromethane	210	241	235	**115**	**112**	72-128	3	25	
79-01-6	Trichloroethene	206	214	215	**104**	**104**	71-123	0	25	
123-91-1	1,4-Dioxane	208	217	213	**104**	**102**	71-122	2	25	
142-82-5	n-Heptane	210	226	222	**108**	**106**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	477	462	**115**	**111**	67-130	4	25	
108-88-3	Toluene	206	209	209	**101**	**101**	66-119	0	25	
591-78-6	2-Hexanone	404	461	446	**114**	**110**	62-128	4	25	
124-48-1	Dibromochloromethane	210	240	240	**114**	**114**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	235	236	**113**	**113**	74-122	0	25	
127-18-4	Tetrachloroethene	206	208	212	**101**	**103**	66-124	2	25	
100-41-4	Ethylbenzene	206	225	224	**109**	**109**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	448	442	**109**	**107**	61-134	2	25	
75-25-2	Bromoform	208	225	229	**108**	**110**	66-139	2	25	
100-42-5	Styrene	206	216	217	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	206	226	223	**110**	**108**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	213	212	**103**	**103**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	224	220	**110**	**108**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	439	433	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	198	229	228	**116**	**115**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014DUP

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	3.6	3.5	3.55	**3**	25	**J**
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	36	35	35.5	**3**	25	**J, B**
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	38	37	37.5	**3**	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	20	21	20.5	**5**	25	**J**
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	15	16	15.5	**6**	25	**J**
Chloroform	220	220	220	**0**	25	
Tetrahydrofuran (THF)	19	19	19	**0**	25	**J**
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	52	52	52	**0**	25	
Carbon Tetrachloride	25	25	25	**0**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV124-450-212** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101894-014DUP

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.060 Liter(s)
Test Notes:
Container ID: 1SC00632

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.64

Container Dilution Factor: 1.95

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	140	140	140	**0**	25	
Bromodichloromethane	26	26	26	**0**	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	48	49	48.5	**2**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	6.6	6.5	6.55	**2**	25	**J**
Ethylbenzene	ND	ND	-	-	25	
m,p-Xylenes	5.4	5.4	5.4	**0**	25	**J**
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	5.2	5.2	5.2	**0**	25	**J**
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	11	11	11	**0**	25	**J**

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04222101.D
Analyst: Wida Ang Date Analyzed: 4/22/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 04:15
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	AREA	#	RT
	24 Hour Standard	211189		11.19	949061		13.31	461353		17.62
	Upper Limit	295665		11.52	1328685		13.64	645894		17.95
	Lower Limit	126713		10.86	569437		12.98	276812		17.29
	Client Sample ID									
01	Method Blank	190776		11.18	864608		13.31	402826		17.62
02	Lab Control Sample	192447		11.20	868385		13.31	416137		17.63
03	Duplicate Lab Control Sample	153250		11.19	685418		13.31	348643		17.62
04	SV116-450-212	186882		11.18	833681		13.31	407570		17.62
05	SV117-250-212	186111		11.18	824578		13.31	386319		17.62
06	SV117-350-212	184620		11.18	824146		13.31	492439		17.63
07	SV117-450-212	186800		11.18	830751		13.31	411977		17.63
08	SV117-025-212	183106		11.18	820195		13.31	379716		17.62
09	SV117-050-212	182920		11.18	817978		13.31	386529		17.62
10	SV125-450-212	187256		11.18	814297		13.31	380082		17.62
11	SV125-025-212	179202		11.18	803897		13.31	373779		17.62
12	SV125-025-212 (Dilution)	184310		11.18	810423		13.31	382901		17.62
13	SV124-450-212	183164		11.18	802161		13.31	383066		17.62
14	SV124-450-212 (Lab Duplicate)	177829		11.18	787904		13.31	367201		17.62
15	SV117-150-212	155128		11.18	691171		13.31	327850		17.62
16	SV124-050-212	151655		11.19	681013		13.31	326001		17.62
17	SV124-150-212	149924		11.18	667878		13.31	323981		17.62
18	SV124-250-212	142763		11.18	642762		13.31	313148		17.62
19	SV124-250-612	139917		11.18	635640		13.31	317055		17.62
20	SV124-350-212	146785		11.18	659371		13.31	319948		17.62
21	SV125-050-212	142891		11.19	644248		13.31	311248		17.62
22	SV125-150-212	130785		11.18	601882		13.31	294969		17.62
23	SV125-250-212	129586		11.18	592504		13.31	292177		17.62

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04232101.D
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 01:44
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	146224		11.20	659998		13.31		334742		17.63	
	Upper Limit	204714		11.53	923997		13.64		468639		17.96	
	Lower Limit	87734		10.87	395999		12.98		200845		17.30	
	Client Sample ID											
01	Method Blank	131678		11.18	597758		13.31		287160		17.62	
02	Lab Control Sample	171002		11.20	768407		13.31		368992		17.63	
03	Duplicate Lab Control Sample	171307		11.20	765731		13.31		365852		17.63	
04	SV124-050-212 (Dilution)	175348		11.18	770390		13.31		353786		17.62	
05	SV125-050-212 (Dilution)	174464		11.18	758677		13.31		351443		17.62	
06	SV124-025-212	145435		11.19	669463		13.31		327345		17.62	
07	SV125-350-212	144703		11.18	659046		13.31		319872		17.62	
08	SV127-025-212	138546		11.18	640174		13.31		317092		17.62	
09	SV127-050-212	139897		11.18	642855		13.31		322723		17.62	
10	SV127-150-212	135093		11.18	632317		13.31		317420		17.62	
11	SV127-250-612	132580		11.18	613735		13.31		307531		17.62	
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101894
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04272101.D
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 01:33
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	165236		11.19	737119		13.31		372696		17.62	
	Upper Limit	231330		11.52	1031967		13.64		521774		17.95	
	Lower Limit	99142		10.86	442271		12.98		223618		17.29	
	Client Sample ID											
01	Method Blank	144325		11.18	650511		13.31		313685		17.62	
02	Lab Control Sample	145845		11.20	670257		13.31		346167		17.63	
03	SV124-025-212 (Dilution)	162813		11.18	723255		13.31		347115		17.62	
04	SV127-025-212 (Dilution)	147309		11.18	656519		13.31		318102		17.62	
05	SV127-050-212 (Dilution)	134949		11.18	605495		13.31		304695		17.62	
06	Duplicate Lab Control Sample	158960		11.20	716691		13.31		364050		17.63	
07												
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

May 5, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 9, 2021. For your reference, these analyses have been assigned our service request number P2101896.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 9:43 am, May 05, 2021

For Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2101896
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 9, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recoveries of ethyl acetate for the Laboratory Control Sample (LCS) analyzed on April 27 and May 3, 2021 and the spike recovery for methyl tert-butyl ether (MTBE) for the Laboratory Control Sample (LCS) analyzed on May 3, 2021 were outside DoD specified limits but within the laboratory generated control criterion. Therefore, the results for the analytes in question have not been significantly affected. No further corrective action was taken.

The upper control criterion was exceeded for Isopropanol in the closing Continuing Calibration Verification (CCV) analyzed on April 27, 2021. Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2101896-001, 002, 004, 006, 013, 015	Propene
P2101896-001, 004, 005, 010, 011, 017,,019	Acetone
P2101896-006	2-Butanone
P2101896-022	Acetonitrile
P2101896-019, 021	1,2,4-Trimethylbenzene

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2101896
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/9/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SV127-250-212	P2101896-001	Air	4/5/2021	10:38	1SC00131	-6.73	6.18			X
SV127-350-212	P2101896-002	Air	4/5/2021	10:44	1SS00922	-4.54	6.30			X
SV127-450-212	P2101896-003	Air	4/5/2021	10:53	1SC00304	-4.71	7.06			X
SV128-025-212	P2101896-004	Air	4/6/2021	14:40	1SC00428	-3.84	7.36			X
SV128-050-212	P2101896-005	Air	4/6/2021	14:50	1SC00030	-2.87	7.55			X
SV128-150-212	P2101896-006	Air	4/6/2021	15:00	1SS00527	-3.72	7.02			X
SV128-250-212	P2101896-007	Air	4/6/2021	15:08	1SS00827	-4.05	7.88			X
SV128-350-212	P2101896-008	Air	4/6/2021	15:16	1SS00504	-4.48	6.53			X
SV128-450-212	P2101896-009	Air	4/6/2021	15:31	1SS00881	-3.17	7.30			X
SV133-025-212	P2101896-010	Air	4/6/2021	08:48	1SC00877	-4.42	9.08			X
SV133-050-212	P2101896-011	Air	4/6/2021	08:51	1SC00875	-3.13	8.02			X
SV133-170-212	P2101896-012	Air	4/6/2021	08:55	1SS00899	-4.51	6.92			X
SV133-250-612	P2101896-013	Air	4/6/2021	08:59	1SC00734	-3.17	6.88	-1.47	2.13	X
SV133-250-212	P2101896-014	Air	4/6/2021	08:59	1SS00094	-3.48	6.91			X
SV133-350-212	P2101896-015	Air	4/6/2021	09:03	1SS01218	-4.81	6.73			X
SV133-450-212	P2101896-016	Air	4/6/2021	09:12	1SS01158	-4.17	6.44			X
SV136-025-212	P2101896-017	Air	4/6/2021	09:52	1SC00790	-3.20	7.77	-1.67	5.61	X
SV136-050-212	P2101896-018	Air	4/6/2021	09:55	1SC01020	-3.04	6.48	-5.63	5.04	X
SV136-150-212	P2101896-019	Air	4/6/2021	10:01	1SC00687	-3.27	7.23	0.40	5.64	X
SV136-250-212	P2101896-020	Air	4/6/2021	10:06	1SS00959	-3.24	7.00	0.63	5.27	X
SV136-350-212	P2101896-021	Air	4/6/2021	10:11	1SC00955	-3.78	8.20	1.67	5.85	X
SV136-450-212	P2101896-022	Air	4/6/2021	10:21	1SS00072	-4.22	5.92	-2.56	5.43	X
SV138-025-212	P2101896-023	Air	4/6/2021	12:38	1SS00848	-4.32	5.19	-1.30	5.62	X
SV138-050-212	P2101896-024	Air	4/6/2021	12:43	1SS00062	-4.80	5.08	-1.34	5.12	X

Air - Chain of Custody Record & Analytical Service Request

Page 5 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-01**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2101896

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facility
Project Number: 62735DM02
P.O. # / Billing Information: 17682

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting
Tara Lamond: tlamond@eaest.com
Amanda Smith: asmith@eaest.com
Pam Moss: pmoss@eaest.com

Sampler (Print & Sign): Tyler, Cutler

ALS Contact: Hayden Akers
1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV127-250-212	1	4/5/2021	10:38	1SC00131	NA	-24.5	-3.0	1L	X	None
SV127-350-212	2	4/5/2021	10:44	1SS00922	NA	-26.0	-5.0	1L	X	None
SV127-450-212	3	4/5/2021	10:53	1SC00304	NA	-26.5	-5.0	1L	X	None
SV128-025-212	4	4/6/2021	14:40	1SC00428	NA	-24.0	-2.5	1L	X	None
SV128-050-212	5	4/6/2021	14:50	1SC00030	NA	-25.0	-0.5	1L	X	None
SV128-150-212	6	4/6/2021	15:00	1SS00527	NA	-26.0	-2.5	1L	X	None
SV128-250-212	7	4/6/2021	15:08	1SS00827	NA	-24.5	-3.0	1L	X	None
SV128-350-212	8	4/6/2021	15:16	1SS00504	NA	-26.0	-5.0	1L	X	None
SV128-450-212	9	4/6/2021	15:31	1SS00881	NA	-26.5	-2.5	1L	X	None
SV133-025-212	10	4/6/2021	08:48	1SSC00877	NA	-25.0	-5.0	1L	X	None
SV133-050-212	11	4/6/2021	08:51	1SC00875	NA	-25.0	-1.5	1L	X	None
SV133-170-212	12	4/6/2021	08:55	1SS00899	NA	-23.0	-3.0	1L	X	None

FedEX Tracking Number: 9719 9694 8946

Shipping information: Box number 3 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-7-21	1300		4-9-21	930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

Page 6 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2101896

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facility
Project Number: 62735DM02
P.O. # / Billing Information: 17682

ALS Contact: Hayden Akers
1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting
Tara Lamond: tlamond@eaest.com
Amanda Smith: asmith@eaest.com
Pam Moss: pmoss@eaest.com

Sampler (Print & Sign): Tyler Carter

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV133-250-612	13	4/6/2021	08:59	1SC00734	NA	-21.5	-2.5	1L	X	None
SV133-250-212	14	4/6/2021	08:59	1SS00094	NA	-25.0	-3.0	1L	X	None
SV133-350-212	15	4/6/2021	09:03	1SS01218	NA	-25.0	-5.0	1L	X	None
SV133-450-212	16	4/6/2021	09:12	1SS01158	NA	-23.5	-3.0	1L	X	None
SV136-025-212	17	4/6/2021	09:52	1SC00790	NA	-24.0	-1.5	1L	X	None
SV136-050-212	18	4/6/2021	09:55	1SC01020	NA	-24.0	0.0	1L	X	None
SV136-150-212	19	4/6/2021	10:01	1SC00687	NA	-23.0	-1.0	1L	X	None
SV136-250-212	20	4/6/2021	10:06	1SS00959	NA	-25.5	-2.5	1L	X	None
SV136-350-212	21	4/6/2021	10:11	1SC00955	NA	-23.0	-2.5	1L	X	None
SV136-450-212	22	4/6/2021	10:21	1SS00072	NA	-26.5	-4.5	1L	X	None
SV138-025-212	23	4/6/2021	12:38	1SS00848	NA	-26.0	-4.5	1L	X	None
SV138-050-212	24	4/6/2021	12:43	1SS00062	NA	-25.0	-4.5	1L	X	None

FedEx Tracking Number: 9719 9694 8935

Shipping information: Box number 4 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)

Received by: (Signature) Date: 4-9-21 Time: 930

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101896

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/21 Date opened: 4/9/21 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101896-001.01	1.0 L Source Can					
P2101896-002.01	1.0 L Source Silonite Canister					
P2101896-003.01	1.0 L Source Can					
P2101896-004.01	1.0 L Source Can					
P2101896-005.01	1.0 L Source Can					
P2101896-006.01	1.0 L Source Silonite Canister					
P2101896-007.01	1.0 L Source Silonite Canister					
P2101896-008.01	1.0 L Source Silonite Canister					
P2101896-009.01	1.0 L Source Silonite Canister					
P2101896-010.01	1.0 L Source Can					
P2101896-011.01	1.0 L Source Can					
P2101896-012.01	1.0 L Source Silonite Canister					
P2101896-013.01	1.0 L Source Can					
P2101896-014.01	1.0 L Source Silonite Canister					
P2101896-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101896

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/21 Date opened: 4/9/21 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101896-016.01	1.0 L Source Silonite Canister					
P2101896-017.01	1.0 L Source Can					
P2101896-018.01	1.0 L Source Can					
P2101896-019.01	1.0 L Source Can					
P2101896-020.01	1.0 L Source Silonite Canister					
P2101896-021.01	1.0 L Source Can					
P2101896-022.01	1.0 L Source Silonite Canister					
P2101896-023.01	1.0 L Source Silonite Canister					
P2101896-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -6.73 Final Pressure (psig): 6.18

Container Dilution Factor: 2.62

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.7**	3.4	2.1	0.85	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.9**	3.4	2.1	0.57	
74-87-3	Chloromethane	**0.58**	3.4	2.1	0.56	**J**
75-01-4	Vinyl Chloride	1.1	3.5	1.1	0.37	**U**
106-99-0	1,3-Butadiene	2.1	3.4	2.1	0.58	**U**
75-00-3	Chloroethane	2.1	3.4	2.1	0.43	**U**
64-17-5	Ethanol	**45**	35	5.4	2.4	
67-64-1	Acetone	**64**	34	18	7.9	
75-69-4	Trichlorofluoromethane	**2.1**	3.3	2.1	0.53	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.5**	6.6	4.1	1.4	**J**
75-09-2	Methylene Chloride	**2.5**	3.4	2.1	0.98	**J**
76-13-1	Trichlorotrifluoroethane	**0.77**	3.5	1.1	0.50	**J**
75-15-0	Carbon Disulfide	**340**	6.6	3.5	1.0	
75-34-3	1,1-Dichloroethane	2.2	3.5	2.2	0.51	**U**
78-93-3	2-Butanone (MEK)	2.1	6.6	2.1	0.72	**U**
141-78-6	Ethyl Acetate	**23**	6.6	4.3	1.8	
110-54-3	n-Hexane	**4.9**	3.4	2.1	0.72	
67-66-3	Chloroform	**4.8**	3.5	1.1	0.47	
109-99-9	Tetrahydrofuran (THF)	**4.0**	6.6	1.1	0.44	**J**
107-06-2	1,2-Dichloroethane	1.1	3.4	1.1	0.39	**U**
71-43-2	Benzene	**0.90**	3.4	1.1	0.50	**J**
56-23-5	Carbon Tetrachloride	**6.1**	3.3	1.1	0.48	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -6.73 Final Pressure (psig): 6.18

Container Dilution Factor: 2.62

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.2	6.6	2.2	0.98	**U**
75-27-4	Bromodichloromethane	1.1	3.4	1.1	0.50	**U**
79-01-6	Trichloroethene	1.1	3.3	1.1	0.47	**U**
123-91-1	1,4-Dioxane	1.1	3.4	1.1	0.41	**U**
142-82-5	n-Heptane	**1.1**	3.4	2.1	0.56	**J**
108-10-1	4-Methyl-2-pentanone	**1.0**	6.6	1.1	0.48	**J**
108-88-3	Toluene	**11**	3.4	1.1	0.43	
591-78-6	2-Hexanone	**2.3**	6.6	1.1	0.43	**J**
124-48-1	Dibromochloromethane	1.1	3.4	1.1	0.46	**U**
106-93-4	1,2-Dibromoethane	1.1	3.4	1.1	0.41	**U**
127-18-4	Tetrachloroethene	**0.55**	3.4	1.1	0.45	**J**
100-41-4	Ethylbenzene	**0.69**	3.4	1.1	0.49	**J**
179601-23-1	m,p-Xylenes	**2.4**	6.6	2.2	0.92	**J**
75-25-2	Bromoform	2.1	3.5	2.1	0.72	**U**
100-42-5	Styrene	2.1	3.4	2.1	0.56	**U**
95-47-6	o-Xylene	**0.85**	3.5	1.1	0.50	**J**
108-67-8	1,3,5-Trimethylbenzene	1.1	3.5	1.1	0.50	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.85**	3.4	1.1	0.48	**J**
120-82-1	1,2,4-Trichlorobenzene	2.1	6.6	2.1	0.85	**U**
91-20-3	Naphthalene	2.0	3.4	2.0	0.85	**U**
1330-20-7	Xylenes, Total	**3.3**	6.6	2.2	0.92	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00922

Initial Pressure (psig): -4.54 Final Pressure (psig): 6.30

Container Dilution Factor: 2.07

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	2.7	1.7	0.67	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.75**	2.7	1.7	0.45	**J**
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.88	2.7	0.88	0.29	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.34	**U**
64-17-5	Ethanol	**4.2**	27	4.3	1.9	**J**
67-64-1	Acetone	14	27	14	6.2	**U**
75-69-4	Trichlorofluoromethane	1.7	2.6	1.7	0.42	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	5.2	3.3	1.1	**J**
75-09-2	Methylene Chloride	1.7	2.7	1.7	0.78	**U**
76-13-1	Trichlorotrifluoroethane	0.88	2.7	0.88	0.39	**U**
75-15-0	Carbon Disulfide	**36**	5.2	2.8	0.83	
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**1.7**	5.2	1.7	0.57	**J**
141-78-6	Ethyl Acetate	3.4	5.2	3.4	1.4	**U**
110-54-3	n-Hexane	**2.0**	2.7	1.7	0.57	**J**
67-66-3	Chloroform	0.88	2.7	0.88	0.37	**U**
109-99-9	Tetrahydrofuran (THF)	0.88	5.2	0.88	0.35	**U**
107-06-2	1,2-Dichloroethane	0.88	2.7	0.88	0.31	**U**
71-43-2	Benzene	**2.5**	2.7	0.88	0.40	**J**
56-23-5	Carbon Tetrachloride	0.88	2.6	0.88	0.38	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00922

Initial Pressure (psig): -4.54 Final Pressure (psig): 6.30

Container Dilution Factor: 2.07

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**5.1**	5.2	1.8	0.78	**J**
75-27-4	Bromodichloromethane	0.88	2.7	0.88	0.40	**U**
79-01-6	Trichloroethene	**1.0**	2.6	0.88	0.37	**J**
123-91-1	1,4-Dioxane	0.88	2.7	0.88	0.33	**U**
142-82-5	n-Heptane	1.7	2.7	1.7	0.44	**U**
108-10-1	4-Methyl-2-pentanone	0.88	5.2	0.88	0.38	**U**
108-88-3	Toluene	**1.1**	2.7	0.88	0.34	**J**
591-78-6	2-Hexanone	0.88	5.2	0.88	0.34	**U**
124-48-1	Dibromochloromethane	0.88	2.7	0.88	0.36	**U**
106-93-4	1,2-Dibromoethane	0.88	2.7	0.88	0.32	**U**
127-18-4	Tetrachloroethene	**0.65**	2.7	0.88	0.36	**J**
100-41-4	Ethylbenzene	0.88	2.7	0.88	0.39	**U**
179601-23-1	m,p-Xylenes	1.8	5.2	1.8	0.72	**U**
75-25-2	Bromoform	1.7	2.7	1.7	0.57	**U**
100-42-5	Styrene	1.7	2.7	1.7	0.45	**U**
95-47-6	o-Xylene	0.88	2.7	0.88	0.40	**U**
108-67-8	1,3,5-Trimethylbenzene	0.88	2.7	0.88	0.40	**U**
95-63-6	1,2,4-Trimethylbenzene	0.88	2.7	0.88	0.38	**U**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.2	1.7	0.67	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.67	**U**
1330-20-7	Xylenes, Total	1.8	5.2	1.8	0.72	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes:
Container ID: 1SC00304

Initial Pressure (psig): -4.71 Final Pressure (psig): 7.06

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	2.3	3.8	2.3	0.94	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	3.8	2.3	0.63	**J**
74-87-3	Chloromethane	**1.2**	3.8	2.3	0.62	**J**
75-01-4	Vinyl Chloride	1.2	3.9	1.2	0.41	**U**
106-99-0	1,3-Butadiene	2.3	3.8	2.3	0.64	**U**
75-00-3	Chloroethane	2.3	3.8	2.3	0.48	**U**
64-17-5	Ethanol	**6.7**	39	6.0	2.7	**J**
67-64-1	Acetone	20	38	20	8.7	**U**
75-69-4	Trichlorofluoromethane	**1.3**	3.7	2.3	0.59	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	4.6	7.3	4.6	1.6	**U**
75-09-2	Methylene Chloride	2.3	3.8	2.3	1.1	**U**
76-13-1	Trichlorotrifluoroethane	1.2	3.9	1.2	0.55	**U**
75-15-0	Carbon Disulfide	**6.0**	7.3	3.9	1.2	**J**
75-34-3	1,1-Dichloroethane	2.4	3.9	2.4	0.57	**U**
78-93-3	2-Butanone (MEK)	**6.8**	7.3	2.3	0.80	**J**
141-78-6	Ethyl Acetate	4.7	7.3	4.7	2.0	**U**
110-54-3	n-Hexane	2.3	3.8	2.3	0.80	**U**
67-66-3	Chloroform	**570**	3.9	1.2	0.52	
109-99-9	Tetrahydrofuran (THF)	**1.9**	7.3	1.2	0.49	**J**
107-06-2	1,2-Dichloroethane	1.2	3.8	1.2	0.43	**U**
71-43-2	Benzene	**1.6**	3.8	1.2	0.56	**J**
56-23-5	Carbon Tetrachloride	**21**	3.7	1.2	0.54	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes:
Container ID: 1SC00304

Initial Pressure (psig): -4.71 Final Pressure (psig): 7.06

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.5	7.3	2.5	1.1	**U**
75-27-4	Bromodichloromethane	**73**	3.8	1.2	0.56	
79-01-6	Trichloroethene	**2.8**	3.7	1.2	0.52	**J**
123-91-1	1,4-Dioxane	1.2	3.8	1.2	0.46	**U**
142-82-5	n-Heptane	2.3	3.8	2.3	0.62	**U**
108-10-1	4-Methyl-2-pentanone	1.2	7.3	1.2	0.53	**U**
108-88-3	Toluene	**2.1**	3.8	1.2	0.47	**J**
591-78-6	2-Hexanone	1.2	7.3	1.2	0.48	**U**
124-48-1	Dibromochloromethane	**13**	3.8	1.2	0.51	
106-93-4	1,2-Dibromoethane	1.2	3.8	1.2	0.45	**U**
127-18-4	Tetrachloroethene	**7.0**	3.8	1.2	0.50	
100-41-4	Ethylbenzene	1.2	3.8	1.2	0.55	**U**
179601-23-1	m,p-Xylenes	2.5	7.3	2.5	1.0	**U**
75-25-2	Bromoform	**1.3**	3.9	2.3	0.80	**J**
100-42-5	Styrene	2.3	3.8	2.3	0.62	**U**
95-47-6	o-Xylene	1.2	3.9	1.2	0.56	**U**
108-67-8	1,3,5-Trimethylbenzene	1.2	3.9	1.2	0.56	**U**
95-63-6	1,2,4-Trimethylbenzene	1.2	3.8	1.2	0.54	**U**
120-82-1	1,2,4-Trichlorobenzene	2.3	7.3	2.3	0.94	**U**
91-20-3	Naphthalene	2.3	3.8	2.3	0.94	**U**
1330-20-7	Xylenes, Total	2.5	7.3	2.5	1.0	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.075 Liter(s)
Container ID: 1SC00428

Initial Pressure (psig): -3.84 Final Pressure (psig): 7.36

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	3.5	2.2	0.88	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**720**	14	8.7	2.4	**D**
74-87-3	Chloromethane	2.2	3.5	2.2	0.58	**U**
75-01-4	Vinyl Chloride	1.2	3.6	1.2	0.39	**U**
106-99-0	1,3-Butadiene	2.2	3.5	2.2	0.60	**U**
75-00-3	Chloroethane	2.2	3.5	2.2	0.45	**U**
64-17-5	Ethanol	**7.3**	36	5.6	2.5	**J**
67-64-1	Acetone	**21**	35	18	8.1	**J**
75-69-4	Trichlorofluoromethane	**97**	3.5	2.2	0.55	
67-63-0	2-Propanol (Isopropyl Alcohol)	4.3	6.8	4.3	1.5	**U**
75-09-2	Methylene Chloride	2.2	3.5	2.2	1.0	**U**
76-13-1	Trichlorotrifluoroethane	**170**	3.6	1.2	0.51	
75-15-0	Carbon Disulfide	**6.1**	6.8	3.7	1.1	**J**
75-34-3	1,1-Dichloroethane	2.2	3.7	2.2	0.53	**U**
78-93-3	2-Butanone (MEK)	**4.5**	6.8	2.2	0.74	**J**
141-78-6	Ethyl Acetate	4.4	6.8	4.4	1.9	**U**
110-54-3	n-Hexane	**1.7**	3.5	2.2	0.74	**J**
67-66-3	Chloroform	**5.3**	3.6	1.2	0.48	
109-99-9	Tetrahydrofuran (THF)	1.2	6.8	1.2	0.45	**U**
107-06-2	1,2-Dichloroethane	1.2	3.5	1.2	0.40	**U**
71-43-2	Benzene	**3.0**	3.5	1.2	0.52	**J**
56-23-5	Carbon Tetrachloride	**140**	3.5	1.2	0.50	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.075 Liter(s)
Container ID: 1SC00428

Initial Pressure (psig): -3.84 Final Pressure (psig): 7.36

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.0**	6.8	2.3	1.0	**J**
75-27-4	Bromodichloromethane	1.2	3.5	1.2	0.52	**U**
79-01-6	Trichloroethene	**1.0**	3.5	1.2	0.49	**J**
123-91-1	1,4-Dioxane	1.2	3.5	1.2	0.43	**U**
142-82-5	n-Heptane	**3.3**	3.5	2.2	0.58	**J**
108-10-1	4-Methyl-2-pentanone	1.2	6.8	1.2	0.49	**U**
108-88-3	Toluene	**23**	3.5	1.2	0.44	
591-78-6	2-Hexanone	**1.2**	6.8	1.2	0.45	**J**
124-48-1	Dibromochloromethane	1.2	3.5	1.2	0.47	**U**
106-93-4	1,2-Dibromoethane	1.2	3.5	1.2	0.42	**U**
127-18-4	Tetrachloroethene	**3.2**	3.5	1.2	0.47	**J**
100-41-4	Ethylbenzene	**7.4**	3.5	1.2	0.51	
179601-23-1	m,p-Xylenes	**33**	6.8	2.3	0.95	
75-25-2	Bromoform	2.2	3.6	2.2	0.74	**U**
100-42-5	Styrene	2.2	3.5	2.2	0.58	**U**
95-47-6	o-Xylene	**12**	3.6	1.2	0.52	
108-67-8	1,3,5-Trimethylbenzene	**9.6**	3.6	1.2	0.52	
95-63-6	1,2,4-Trimethylbenzene	**42**	3.5	1.2	0.50	
120-82-1	1,2,4-Trichlorobenzene	2.2	6.8	2.2	0.88	**U**
91-20-3	Naphthalene	**13**	3.5	2.1	0.88	
1330-20-7	Xylenes, Total	**46**	6.8	2.3	0.95	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00030

Initial Pressure (psig): -2.87 Final Pressure (psig): 7.55

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.1**	4.9	3.0	1.2	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**760**	4.9	3.0	0.82	
74-87-3	Chloromethane	3.0	4.9	3.0	0.81	**U**
75-01-4	Vinyl Chloride	1.6	5.0	1.6	0.54	**U**
106-99-0	1,3-Butadiene	3.0	4.9	3.0	0.83	**U**
75-00-3	Chloroethane	3.0	4.9	3.0	0.62	**U**
64-17-5	Ethanol	**7.6**	50	7.8	3.5	**J**
67-64-1	Acetone	**30**	49	25	11	**J**
75-69-4	Trichlorofluoromethane	**100**	4.8	3.0	0.76	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	9.4	5.9	2.1	**J**
75-09-2	Methylene Chloride	3.0	4.9	3.0	1.4	**U**
76-13-1	Trichlorotrifluoroethane	**180**	5.0	1.6	0.71	
75-15-0	Carbon Disulfide	**9.3**	9.4	5.1	1.5	**J**
75-34-3	1,1-Dichloroethane	3.1	5.1	3.1	0.73	**U**
78-93-3	2-Butanone (MEK)	**6.7**	9.4	3.0	1.0	**J**
141-78-6	Ethyl Acetate	6.1	9.4	6.1	2.6	**U**
110-54-3	n-Hexane	**2.0**	4.9	3.0	1.0	**J**
67-66-3	Chloroform	**2.8**	5.0	1.6	0.67	**J**
109-99-9	Tetrahydrofuran (THF)	1.6	9.4	1.6	0.63	**U**
107-06-2	1,2-Dichloroethane	1.6	4.9	1.6	0.55	**U**
71-43-2	Benzene	**4.7**	4.9	1.6	0.72	**J**
56-23-5	Carbon Tetrachloride	**150**	4.8	1.6	0.70	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00030

Initial Pressure (psig): -2.87 Final Pressure (psig): 7.55

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.4**	9.4	3.2	1.4	**J**
75-27-4	Bromodichloromethane	1.6	4.9	1.6	0.72	**U**
79-01-6	Trichloroethene	**3.4**	4.8	1.6	0.68	**J**
123-91-1	1,4-Dioxane	1.6	4.9	1.6	0.59	**U**
142-82-5	n-Heptane	**4.4**	4.9	3.0	0.80	**J**
108-10-1	4-Methyl-2-pentanone	1.6	9.4	1.6	0.69	**U**
108-88-3	Toluene	**28**	4.9	1.6	0.61	
591-78-6	2-Hexanone	1.6	9.4	1.6	0.62	**U**
124-48-1	Dibromochloromethane	1.6	4.9	1.6	0.66	**U**
106-93-4	1,2-Dibromoethane	1.6	4.9	1.6	0.58	**U**
127-18-4	Tetrachloroethene	**5.3**	4.9	1.6	0.65	
100-41-4	Ethylbenzene	**9.2**	4.9	1.6	0.71	
179601-23-1	m,p-Xylenes	**41**	9.4	3.2	1.3	
75-25-2	Bromoform	3.0	5.0	3.0	1.0	**U**
100-42-5	Styrene	3.0	4.9	3.0	0.81	**U**
95-47-6	o-Xylene	**15**	5.0	1.6	0.72	
108-67-8	1,3,5-Trimethylbenzene	**16**	5.0	1.6	0.72	
95-63-6	1,2,4-Trimethylbenzene	**68**	4.9	1.6	0.70	
120-82-1	1,2,4-Trichlorobenzene	3.0	9.4	3.0	1.2	**U**
91-20-3	Naphthalene	**6.0**	4.9	2.9	1.2	
1330-20-7	Xylenes, Total	**56**	9.4	3.2	1.3	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00527

Initial Pressure (psig): -3.72 Final Pressure (psig): 7.02

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.85**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**750**	26	16	4.3	**D**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**2.8**	26	4.1	1.8	**J**
67-64-1	Acetone	13	26	13	5.9	**U**
75-69-4	Trichlorofluoromethane	**79**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	5.0	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**180**	2.6	0.84	0.38	
75-15-0	Carbon Disulfide	**10**	5.0	2.7	0.79	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**1.3**	5.0	1.6	0.54	**J**
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	**0.96**	2.6	1.6	0.54	**J**
67-66-3	Chloroform	**94**	2.6	0.84	0.35	
109-99-9	Tetrahydrofuran (THF)	**11**	5.0	0.84	0.33	
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**2.0**	2.6	0.84	0.38	**J**
56-23-5	Carbon Tetrachloride	**270**	2.5	0.84	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00527

Initial Pressure (psig): -3.72 Final Pressure (psig): 7.02

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.92**	5.0	1.7	0.74	**J**
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	**43**	2.5	0.84	0.36	
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	**2.2**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.84	5.0	0.84	0.36	**U**
108-88-3	Toluene	**12**	2.6	0.84	0.32	
591-78-6	2-Hexanone	0.84	5.0	0.84	0.33	**U**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.35	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**3.5**	2.6	0.84	0.34	
100-41-4	Ethylbenzene	**4.1**	2.6	0.84	0.37	
179601-23-1	m,p-Xylenes	**19**	5.0	1.7	0.69	
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**6.5**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**6.2**	2.6	0.84	0.38	
95-63-6	1,2,4-Trimethylbenzene	**26**	2.6	0.84	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.64	**U**
91-20-3	Naphthalene	**10**	2.6	1.5	0.64	
1330-20-7	Xylenes, Total	**26**	5.0	1.7	0.69	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00070 Liter(s)
Test Notes:
Container ID: 1SS00827

Initial Pressure (psig): -4.05 Final Pressure (psig): 7.88

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2,800**		1,600	970	390	
75-71-8	Dichlorodifluoromethane (CFC 12)	**550**		1,600	970	260	**J**
74-87-3	Chloromethane		970	1,600	970	260	**U**
75-01-4	Vinyl Chloride		510	1,600	510	170	**U**
106-99-0	1,3-Butadiene		970	1,600	970	270	**U**
75-00-3	Chloroethane		970	1,600	970	200	**U**
64-17-5	Ethanol	**5,900**		16,000	2,500	1,100	**J**
67-64-1	Acetone		8,200	16,000	8,200	3,600	**U**
75-69-4	Trichlorofluoromethane		970	1,500	970	250	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)		1,900	3,000	1,900	670	**U**
75-09-2	Methylene Chloride		970	1,600	970	450	**U**
76-13-1	Trichlorotrifluoroethane	**280**		1,600	510	230	**J**
75-15-0	Carbon Disulfide		1,600	3,000	1,600	480	**U**
75-34-3	1,1-Dichloroethane		1,000	1,600	1,000	240	**U**
78-93-3	2-Butanone (MEK)		970	3,000	970	330	**U**
141-78-6	Ethyl Acetate		2,000	3,000	2,000	850	**U**
110-54-3	n-Hexane	**140,000**		1,600	970	330	
67-66-3	Chloroform		510	1,600	510	220	**U**
109-99-9	Tetrahydrofuran (THF)		510	3,000	510	200	**U**
107-06-2	1,2-Dichloroethane		510	1,600	510	180	**U**
71-43-2	Benzene	**4,100**		1,600	510	230	
56-23-5	Carbon Tetrachloride		510	1,500	510	220	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00070 Liter(s)
Test Notes:
Container ID: 1SS00827

Initial Pressure (psig): -4.05 Final Pressure (psig): 7.88

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**300,000**		3,000	1,000	450	
75-27-4	Bromodichloromethane		510	1,600	510	230	**U**
79-01-6	Trichloroethene		510	1,500	510	220	**U**
123-91-1	1,4-Dioxane		510	1,600	510	190	**U**
142-82-5	n-Heptane	**220,000**		1,600	970	260	
108-10-1	4-Methyl-2-pentanone		510	3,000	510	220	**U**
108-88-3	Toluene	**370**		1,600	510	200	**J**
591-78-6	2-Hexanone		510	3,000	510	200	**U**
124-48-1	Dibromochloromethane		510	1,600	510	210	**U**
106-93-4	1,2-Dibromoethane		510	1,600	510	190	**U**
127-18-4	Tetrachloroethene		510	1,600	510	210	**U**
100-41-4	Ethylbenzene	**4,700**		1,600	510	230	
179601-23-1	m,p-Xylenes	**9,000**		3,000	1,000	420	
75-25-2	Bromoform		970	1,600	970	330	**U**
100-42-5	Styrene		970	1,600	970	260	**U**
95-47-6	o-Xylene		510	1,600	510	230	**U**
108-67-8	1,3,5-Trimethylbenzene	**1,700**		1,600	510	230	
95-63-6	1,2,4-Trimethylbenzene	**2,000**		1,600	510	220	
120-82-1	1,2,4-Trichlorobenzene		970	3,000	970	390	**U**
91-20-3	Naphthalene		940	1,600	940	390	**U**
1330-20-7	Xylenes, Total	**9,000**		3,000	1,000	420	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00035 Liter(s)
Test Notes:
Container ID: 1SS00504

Initial Pressure (psig): -4.48 Final Pressure (psig): 6.53

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**11,000**	3,100	1,900	770	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1,800**	3,100	1,900	520	**J**
74-87-3	Chloromethane	1,900	3,100	1,900	510	**U**
75-01-4	Vinyl Chloride	1,000	3,100	1,000	340	**U**
106-99-0	1,3-Butadiene	1,900	3,100	1,900	520	**U**
75-00-3	Chloroethane	1,900	3,100	1,900	390	**U**
64-17-5	Ethanol	4,900	31,000	4,900	2,200	**U**
67-64-1	Acetone	16,000	31,000	16,000	7,100	**U**
75-69-4	Trichlorofluoromethane	1,900	3,000	1,900	480	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,700	5,900	3,700	1,300	**U**
75-09-2	Methylene Chloride	1,900	3,100	1,900	890	**U**
76-13-1	Trichlorotrifluoroethane	1,000	3,100	1,000	450	**U**
75-15-0	Carbon Disulfide	3,200	5,900	3,200	950	**U**
75-34-3	1,1-Dichloroethane	2,000	3,200	2,000	460	**U**
78-93-3	2-Butanone (MEK)	1,900	5,900	1,900	650	**U**
141-78-6	Ethyl Acetate	3,900	5,900	3,900	1,700	**U**
110-54-3	n-Hexane	**440,000**	3,100	1,900	650	
67-66-3	Chloroform	1,000	3,100	1,000	420	**U**
109-99-9	Tetrahydrofuran (THF)	1,000	5,900	1,000	400	**U**
107-06-2	1,2-Dichloroethane	1,000	3,100	1,000	350	**U**
71-43-2	Benzene	**60,000**	3,100	1,000	460	
56-23-5	Carbon Tetrachloride	1,000	3,000	1,000	440	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00035 Liter(s)
Test Notes:
Container ID: 1SS00504

Initial Pressure (psig): -4.48 Final Pressure (psig): 6.53

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**410,000**		5,900	2,000	890	
75-27-4	Bromodichloromethane		1,000	3,100	1,000	460	**U**
79-01-6	Trichloroethene		1,000	3,000	1,000	430	**U**
123-91-1	1,4-Dioxane		1,000	3,100	1,000	370	**U**
142-82-5	n-Heptane	**390,000**		3,100	1,900	510	
108-10-1	4-Methyl-2-pentanone		1,000	5,900	1,000	430	**U**
108-88-3	Toluene	**290,000**		3,100	1,000	390	
591-78-6	2-Hexanone		1,000	5,900	1,000	390	**U**
124-48-1	Dibromochloromethane		1,000	3,100	1,000	420	**U**
106-93-4	1,2-Dibromoethane	**1,300**		3,100	1,000	370	**J**
127-18-4	Tetrachloroethene		1,000	3,100	1,000	410	**U**
100-41-4	Ethylbenzene	**14,000**		3,100	1,000	450	
179601-23-1	m,p-Xylenes	**140,000**		5,900	2,000	830	
75-25-2	Bromoform		1,900	3,100	1,900	650	**U**
100-42-5	Styrene		1,900	3,100	1,900	510	**U**
95-47-6	o-Xylene	**49,000**		3,100	1,000	460	
108-67-8	1,3,5-Trimethylbenzene	**4,100**		3,100	1,000	460	
95-63-6	1,2,4-Trimethylbenzene	**3,400**		3,100	1,000	440	
120-82-1	1,2,4-Trichlorobenzene		1,900	5,900	1,900	770	**U**
91-20-3	Naphthalene		1,800	3,100	1,800	770	**U**
1330-20-7	Xylenes, Total	**190,000**		5,900	2,000	830	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.000075 Liter(s)
Container ID: 1SS00881

Initial Pressure (psig): -3.17 Final Pressure (psig): 7.30

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**29,000**		4,000	2,400	990	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2,800**		4,000	2,400	660	**J**
74-87-3	Chloromethane		2,400	4,000	2,400	660	**U**
75-01-4	Vinyl Chloride		1,300	4,000	1,300	440	**U**
106-99-0	1,3-Butadiene		2,400	4,000	2,400	670	**U**
75-00-3	Chloroethane		2,400	4,000	2,400	500	**U**
64-17-5	Ethanol	**16,000**		40,000	6,300	2,800	**J**
67-64-1	Acetone		21,000	40,000	21,000	9,200	**U**
75-69-4	Trichlorofluoromethane		2,400	3,900	2,400	620	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3,000**		7,600	4,800	1,700	**J**
75-09-2	Methylene Chloride		2,400	4,000	2,400	1,100	**U**
76-13-1	Trichlorotrifluoroethane		1,300	4,000	1,300	580	**U**
75-15-0	Carbon Disulfide	**1,400**		7,600	4,100	1,200	**J**
75-34-3	1,1-Dichloroethane		2,500	4,100	2,500	600	**U**
78-93-3	2-Butanone (MEK)		2,400	7,600	2,400	840	**U**
141-78-6	Ethyl Acetate		5,000	7,600	5,000	2,100	**U**
110-54-3	n-Hexane	**760,000**		4,000	2,400	840	
67-66-3	Chloroform		1,300	4,000	1,300	540	**U**
109-99-9	Tetrahydrofuran (THF)		1,300	7,600	1,300	510	**U**
107-06-2	1,2-Dichloroethane		1,300	4,000	1,300	450	**U**
71-43-2	Benzene	**33,000**		4,000	1,300	590	
56-23-5	Carbon Tetrachloride		1,300	3,900	1,300	570	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.000075 Liter(s)
Container ID: 1SS00881

Initial Pressure (psig): -3.17 Final Pressure (psig): 7.30

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,000,000**		7,600	2,600	1,100	
75-27-4	Bromodichloromethane		1,300	4,000	1,300	590	**U**
79-01-6	Trichloroethene	**1,000**		3,900	1,300	550	**J**
123-91-1	1,4-Dioxane		1,300	4,000	1,300	480	**U**
142-82-5	n-Heptane	**1,900,000**		13,000	8,100	2,200	**D**
108-10-1	4-Methyl-2-pentanone		1,300	7,600	1,300	560	**U**
108-88-3	Toluene	**200,000**		4,000	1,300	500	
591-78-6	2-Hexanone		1,300	7,600	1,300	500	**U**
124-48-1	Dibromochloromethane		1,300	4,000	1,300	530	**U**
106-93-4	1,2-Dibromoethane	**4,800**		4,000	1,300	470	
127-18-4	Tetrachloroethene		1,300	4,000	1,300	530	**U**
100-41-4	Ethylbenzene	**17,000**		4,000	1,300	570	
179601-23-1	m,p-Xylenes	**310,000**		7,600	2,600	1,100	
75-25-2	Bromoform		2,400	4,000	2,400	840	**U**
100-42-5	Styrene		2,400	4,000	2,400	660	**U**
95-47-6	o-Xylene	**83,000**		4,000	1,300	590	
108-67-8	1,3,5-Trimethylbenzene	**5,000**		4,000	1,300	590	
95-63-6	1,2,4-Trimethylbenzene	**5,600**		4,000	1,300	570	
120-82-1	1,2,4-Trichlorobenzene		2,400	7,600	2,400	990	**U**
91-20-3	Naphthalene		2,400	4,000	2,400	990	**U**
1330-20-7	Xylenes, Total	**400,000**		7,600	2,600	1,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00877

Initial Pressure (psig): -4.42 Final Pressure (psig): 9.08

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	3.0	1.8	0.75	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.2**	3.0	1.8	0.50	
74-87-3	Chloromethane	**2.9**	3.0	1.8	0.50	**J**
75-01-4	Vinyl Chloride	0.98	3.1	0.98	0.33	**U**
106-99-0	1,3-Butadiene	1.8	3.0	1.8	0.51	**U**
75-00-3	Chloroethane	**0.56**	3.0	1.8	0.38	**J**
64-17-5	Ethanol	**16**	31	4.8	2.1	**J**
67-64-1	Acetone	**31**	30	16	6.9	
75-69-4	Trichlorofluoromethane	**1.3**	2.9	1.8	0.47	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.0**	5.8	3.6	1.3	**J, V**
75-09-2	Methylene Chloride	1.8	3.0	1.8	0.87	**U**
76-13-1	Trichlorotrifluoroethane	**7.8**	3.1	0.98	0.44	
75-15-0	Carbon Disulfide	**2.2**	5.8	3.1	0.92	**J**
75-34-3	1,1-Dichloroethane	1.9	3.1	1.9	0.45	**U**
78-93-3	2-Butanone (MEK)	**11**	5.8	1.8	0.64	
141-78-6	Ethyl Acetate	3.8	5.8	3.8	1.6	**U**
110-54-3	n-Hexane	1.8	3.0	1.8	0.64	**U**
67-66-3	Chloroform	**1.1**	3.1	0.98	0.41	**J**
109-99-9	Tetrahydrofuran (THF)	**4.6**	5.8	0.98	0.39	**J**
107-06-2	1,2-Dichloroethane	0.98	3.0	0.98	0.34	**U**
71-43-2	Benzene	**0.79**	3.0	0.98	0.44	**J**
56-23-5	Carbon Tetrachloride	**1.5**	2.9	0.98	0.43	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00877

Initial Pressure (psig): -4.42 Final Pressure (psig): 9.08

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.0	5.8	2.0	0.87	**U**
75-27-4	Bromodichloromethane	0.98	3.0	0.98	0.44	**U**
79-01-6	Trichloroethene	**180**	2.9	0.98	0.42	
123-91-1	1,4-Dioxane	0.98	3.0	0.98	0.36	**U**
142-82-5	n-Heptane	1.8	3.0	1.8	0.49	**U**
108-10-1	4-Methyl-2-pentanone	0.98	5.8	0.98	0.42	**U**
108-88-3	Toluene	**1.6**	3.0	0.98	0.38	**J**
591-78-6	2-Hexanone	**1.5**	5.8	0.98	0.38	**J**
124-48-1	Dibromochloromethane	0.98	3.0	0.98	0.40	**U**
106-93-4	1,2-Dibromoethane	0.98	3.0	0.98	0.36	**U**
127-18-4	Tetrachloroethene	**9.1**	3.0	0.98	0.40	
100-41-4	Ethylbenzene	0.98	3.0	0.98	0.43	**U**
179601-23-1	m,p-Xylenes	**1.2**	5.8	2.0	0.81	**J**
75-25-2	Bromoform	1.8	3.1	1.8	0.64	**U**
100-42-5	Styrene	1.8	3.0	1.8	0.50	**U**
95-47-6	o-Xylene	**0.49**	3.1	0.98	0.44	**J**
108-67-8	1,3,5-Trimethylbenzene	0.98	3.1	0.98	0.44	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.43**	3.0	0.98	0.43	**J**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.8	1.8	0.75	**U**
91-20-3	Naphthalene	1.8	3.0	1.8	0.75	**U**
1330-20-7	Xylenes, Total	**1.7**	5.8	2.0	0.81	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00875

Initial Pressure (psig): -3.13 Final Pressure (psig): 8.02

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.76**	2.5	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	2.5	1.6	0.43	
74-87-3	Chloromethane	1.6	2.5	1.6	0.42	**U**
75-01-4	Vinyl Chloride	0.83	2.6	0.83	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	1.6	2.5	1.6	0.32	**U**
64-17-5	Ethanol	**5.5**	26	4.1	1.8	**J**
67-64-1	Acetone	**20**	25	13	5.9	**J**
75-69-4	Trichlorofluoromethane	**1.4**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	4.9	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.5	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**8.8**	2.6	0.83	0.37	
75-15-0	Carbon Disulfide	**10**	4.9	2.6	0.78	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**3.5**	4.9	1.6	0.54	**J**
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.5	1.6	0.54	**U**
67-66-3	Chloroform	**1.0**	2.6	0.83	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**1.7**	4.9	0.83	0.33	**J**
107-06-2	1,2-Dichloroethane	0.83	2.5	0.83	0.29	**U**
71-43-2	Benzene	0.83	2.5	0.83	0.38	**U**
56-23-5	Carbon Tetrachloride	**1.9**	2.5	0.83	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00875

Initial Pressure (psig): -3.13 Final Pressure (psig): 8.02

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.83	2.5	0.83	0.38	**U**
79-01-6	Trichloroethene	**230**	2.5	0.83	0.35	
123-91-1	1,4-Dioxane	0.83	2.5	0.83	0.31	**U**
142-82-5	n-Heptane	1.6	2.5	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.83	4.9	0.83	0.36	**U**
108-88-3	Toluene	**0.85**	2.5	0.83	0.32	**J**
591-78-6	2-Hexanone	0.83	4.9	0.83	0.32	**U**
124-48-1	Dibromochloromethane	0.83	2.5	0.83	0.34	**U**
106-93-4	1,2-Dibromoethane	0.83	2.5	0.83	0.30	**U**
127-18-4	Tetrachloroethene	**11**	2.5	0.83	0.34	
100-41-4	Ethylbenzene	0.83	2.5	0.83	0.37	**U**
179601-23-1	m,p-Xylenes	1.7	4.9	1.7	0.69	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	0.83	2.6	0.83	0.38	**U**
108-67-8	1,3,5-Trimethylbenzene	0.83	2.6	0.83	0.38	**U**
95-63-6	1,2,4-Trimethylbenzene	0.83	2.5	0.83	0.36	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.64	**U**
1330-20-7	Xylenes, Total	1.7	4.9	1.7	0.69	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-170-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SS00899

Initial Pressure (psig): -4.51 Final Pressure (psig): 6.92

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	2.7	4.4	2.7	1.1	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.7**	4.4	2.7	0.74	**J**
74-87-3	Chloromethane	2.7	4.4	2.7	0.73	**U**
75-01-4	Vinyl Chloride	1.4	4.5	1.4	0.48	**U**
106-99-0	1,3-Butadiene	2.7	4.4	2.7	0.75	**U**
75-00-3	Chloroethane	2.7	4.4	2.7	0.56	**U**
64-17-5	Ethanol	**3.2**	45	7.0	3.1	**J**
67-64-1	Acetone	23	44	23	10	**U**
75-69-4	Trichlorofluoromethane	**1.5**	4.3	2.7	0.69	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	5.3	8.5	5.3	1.9	**U**
75-09-2	Methylene Chloride	2.7	4.4	2.7	1.3	**U**
76-13-1	Trichlorotrifluoroethane	**16**	4.5	1.4	0.64	
75-15-0	Carbon Disulfide	**11**	8.5	4.6	1.4	
75-34-3	1,1-Dichloroethane	2.8	4.6	2.8	0.66	**U**
78-93-3	2-Butanone (MEK)	2.7	8.5	2.7	0.93	**U**
141-78-6	Ethyl Acetate	5.5	8.5	5.5	2.4	**U**
110-54-3	n-Hexane	2.7	4.4	2.7	0.93	**U**
67-66-3	Chloroform	**1.4**	4.5	1.4	0.60	**J**
109-99-9	Tetrahydrofuran (THF)	**13**	8.5	1.4	0.57	
107-06-2	1,2-Dichloroethane	1.4	4.4	1.4	0.50	**U**
71-43-2	Benzene	**0.85**	4.4	1.4	0.65	**J**
56-23-5	Carbon Tetrachloride	**4.6**	4.3	1.4	0.63	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-170-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SS00899

Initial Pressure (psig): -4.51 Final Pressure (psig): 6.92

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.9	8.5	2.9	1.3	**U**
75-27-4	Bromodichloromethane	1.4	4.4	1.4	0.65	**U**
79-01-6	Trichloroethene	**750**	4.3	1.4	0.61	
123-91-1	1,4-Dioxane	1.4	4.4	1.4	0.53	**U**
142-82-5	n-Heptane	**1.3**	4.4	2.7	0.72	**J**
108-10-1	4-Methyl-2-pentanone	1.4	8.5	1.4	0.62	**U**
108-88-3	Toluene	**2.7**	4.4	1.4	0.55	**J**
591-78-6	2-Hexanone	1.4	8.5	1.4	0.56	**U**
124-48-1	Dibromochloromethane	1.4	4.4	1.4	0.59	**U**
106-93-4	1,2-Dibromoethane	1.4	4.4	1.4	0.53	**U**
127-18-4	Tetrachloroethene	**26**	4.4	1.4	0.59	
100-41-4	Ethylbenzene	1.4	4.4	1.4	0.64	**U**
179601-23-1	m,p-Xylenes	**2.2**	8.5	2.9	1.2	**J**
75-25-2	Bromoform	2.7	4.5	2.7	0.93	**U**
100-42-5	Styrene	2.7	4.4	2.7	0.73	**U**
95-47-6	o-Xylene	**1.3**	4.5	1.4	0.65	**J**
108-67-8	1,3,5-Trimethylbenzene	1.4	4.5	1.4	0.65	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.74**	4.4	1.4	0.63	**J**
120-82-1	1,2,4-Trichlorobenzene	2.7	8.5	2.7	1.1	**U**
91-20-3	Naphthalene	2.6	4.4	2.6	1.1	**U**
1330-20-7	Xylenes, Total	**3.5**	8.5	2.9	1.2	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-612** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Analyzed: 4/26/21 & 5/4/21
Analyst: Topacio Zavala/Wida Ang Volume(s) Analyzed: 0.40 Liter(s)
Sampling Media: 1.0 L Summa Canister 0.040 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 6.88
Initial Pressure 2 (psig): -1.47 Final Pressure 2 (psig): 2.13

Container Dilution Factor: 1.87
Container Dilution Factor 2: 2.38

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.6**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.4	1.5	0.41	**J**
74-87-3	Chloromethane	**0.70**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**43**	25	3.9	1.7	
67-64-1	Acetone	**44**	24	13	5.6	
75-69-4	Trichlorofluoromethane	**0.94**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**8.4**	4.7	2.9	1.0	
75-09-2	Methylene Chloride	**1.8**	2.4	1.5	0.70	**J**
76-13-1	Trichlorotrifluoroethane	**11**	2.5	0.79	0.36	
75-15-0	Carbon Disulfide	**17**	4.7	2.5	0.75	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**6.5**	4.7	1.5	0.51	
141-78-6	Ethyl Acetate	**93**	4.7	3.0	1.3	
110-54-3	n-Hexane	**2.7**	2.4	1.5	0.51	
67-66-3	Chloroform	**3.0**	2.5	0.79	0.33	
109-99-9	Tetrahydrofuran (THF)	**11**	4.7	0.79	0.31	
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.28	**U**
71-43-2	Benzene	**3.5**	2.4	0.79	0.36	
56-23-5	Carbon Tetrachloride	**6.9**	2.4	0.79	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-612** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Analyzed: 4/26/21 & 5/4/21
Analyst: Topacio Zavala/Wida Ang Volume(s) Analyzed: 0.40 Liter(s)
Sampling Media: 1.0 L Summa Canister 0.040 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 6.88
Initial Pressure 2 (psig): -1.47 Final Pressure 2 (psig): 2.13

Container Dilution Factor: 1.87
Container Dilution Factor 2: 2.38

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.95**	4.7	1.6	0.70	**J**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	**1,400**	30	10	4.3	**D**
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**1.0**	2.4	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.79	4.7	0.79	0.34	**U**
108-88-3	Toluene	**26**	2.4	0.79	0.30	
591-78-6	2-Hexanone	0.79	4.7	0.79	0.31	**U**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.33	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**16**	2.4	0.79	0.32	
100-41-4	Ethylbenzene	**0.80**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**2.5**	4.7	1.6	0.65	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	**0.46**	2.4	1.5	0.40	**J**
95-47-6	o-Xylene	**0.91**	2.5	0.79	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	0.79	2.5	0.79	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.55**	2.4	0.79	0.35	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.61	**U**
1330-20-7	Xylenes, Total	**3.4**	4.7	1.6	0.65	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00094

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.6**	2.5	1.5	0.63	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.5	1.5	0.42	**J**
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**7.2**	26	4.0	1.8	**J**
67-64-1	Acetone	**19**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**0.99**	2.5	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.7**	4.8	3.0	1.1	
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**13**	2.6	0.82	0.37	
75-15-0	Carbon Disulfide	**9.7**	4.8	2.6	0.77	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**0.87**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	**11**	4.8	3.1	1.4	
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**3.4**	2.6	0.82	0.34	
109-99-9	Tetrahydrofuran (THF)	**4.6**	4.8	0.82	0.32	**J**
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	**3.5**	2.5	0.82	0.37	
56-23-5	Carbon Tetrachloride	**8.0**	2.5	0.82	0.36	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00094

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	**1,600**	25	8.2	3.5	**D**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	1.5	2.5	1.5	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**1.6**	2.5	0.82	0.31	**J**
591-78-6	2-Hexanone	0.82	4.8	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**18**	2.5	0.82	0.33	
100-41-4	Ethylbenzene	0.82	2.5	0.82	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.8	1.6	0.68	**U**
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	0.82	2.6	0.82	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.82	2.6	0.82	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	0.82	2.5	0.82	0.36	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.63	**U**
1330-20-7	Xylenes, Total	1.6	4.8	1.6	0.68	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01218

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.73

Container Dilution Factor: 2.17

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.3**	2.8	1.7	0.71	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.73**	2.8	1.7	0.47	**J**
74-87-3	Chloromethane	**1.4**	2.8	1.7	0.47	**J**
75-01-4	Vinyl Chloride	0.92	2.9	0.92	0.31	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**52**	29	4.5	2.0	
67-64-1	Acetone	15	28	15	6.5	**U**
75-69-4	Trichlorofluoromethane	1.7	2.8	1.7	0.44	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.9**	5.4	3.4	1.2	**J**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.81	**U**
76-13-1	Trichlorotrifluoroethane	**1.6**	2.9	0.92	0.41	**J**
75-15-0	Carbon Disulfide	**12**	5.4	2.9	0.87	
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**18**	5.4	1.7	0.60	
141-78-6	Ethyl Acetate	3.5	5.4	3.5	1.5	**U**
110-54-3	n-Hexane	1.7	2.8	1.7	0.60	**U**
67-66-3	Chloroform	**4.8**	2.9	0.92	0.39	
109-99-9	Tetrahydrofuran (THF)	**5.9**	5.4	0.92	0.36	
107-06-2	1,2-Dichloroethane	0.92	2.8	0.92	0.32	**U**
71-43-2	Benzene	**5.5**	2.8	0.92	0.42	
56-23-5	Carbon Tetrachloride	**2.0**	2.8	0.92	0.40	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01218

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.73

Container Dilution Factor: 2.17

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.4	1.8	0.81	**U**
75-27-4	Bromodichloromethane	0.92	2.8	0.92	0.42	**U**
79-01-6	Trichloroethene	**510**	2.8	0.92	0.39	
123-91-1	1,4-Dioxane	0.92	2.8	0.92	0.34	**U**
142-82-5	n-Heptane	1.7	2.8	1.7	0.46	**U**
108-10-1	4-Methyl-2-pentanone	0.92	5.4	0.92	0.40	**U**
108-88-3	Toluene	**0.93**	2.8	0.92	0.35	**J**
591-78-6	2-Hexanone	**2.4**	5.4	0.92	0.36	**J**
124-48-1	Dibromochloromethane	0.92	2.8	0.92	0.38	**U**
106-93-4	1,2-Dibromoethane	0.92	2.8	0.92	0.34	**U**
127-18-4	Tetrachloroethene	**2.2**	2.8	0.92	0.37	**J**
100-41-4	Ethylbenzene	0.92	2.8	0.92	0.41	**U**
179601-23-1	m,p-Xylenes	1.8	5.4	1.8	0.76	**U**
75-25-2	Bromoform	1.7	2.9	1.7	0.60	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.47	**U**
95-47-6	o-Xylene	0.92	2.9	0.92	0.42	**U**
108-67-8	1,3,5-Trimethylbenzene	0.92	2.9	0.92	0.42	**U**
95-63-6	1,2,4-Trimethylbenzene	0.92	2.8	0.92	0.40	**U**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.4	1.7	0.71	**U**
91-20-3	Naphthalene	1.7	2.8	1.7	0.71	**U**
1330-20-7	Xylenes, Total	1.8	5.4	1.8	0.76	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01158

Initial Pressure (psig): -4.17 Final Pressure (psig): 6.44

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**310**	35	21	8.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	**20**	35	21	5.8	**J**
74-87-3	Chloromethane	**17**	35	21	5.8	**J**
75-01-4	Vinyl Chloride	11	36	11	3.8	**U**
106-99-0	1,3-Butadiene	21	35	21	5.9	**U**
75-00-3	Chloroethane	21	35	21	4.4	**U**
64-17-5	Ethanol	**2,300**	360	56	25	
67-64-1	Acetone	180	350	180	80	**U**
75-69-4	Trichlorofluoromethane	**10**	34	21	5.4	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**41**	67	42	15	**J**
75-09-2	Methylene Chloride	**130**	35	21	10	
76-13-1	Trichlorotrifluoroethane	11	36	11	5.1	**U**
75-15-0	Carbon Disulfide	**94**	67	36	11	
75-34-3	1,1-Dichloroethane	22	36	22	5.2	**U**
78-93-3	2-Butanone (MEK)	**150**	67	21	7.4	
141-78-6	Ethyl Acetate	**250**	67	44	19	
110-54-3	n-Hexane	**1,500**	35	21	7.4	
67-66-3	Chloroform	11	36	11	4.8	**U**
109-99-9	Tetrahydrofuran (THF)	**32**	67	11	4.5	**J**
107-06-2	1,2-Dichloroethane	11	35	11	4.0	**U**
71-43-2	Benzene	**2,100**	35	11	5.2	
56-23-5	Carbon Tetrachloride	11	34	11	5.0	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01158

Initial Pressure (psig): -4.17 Final Pressure (psig): 6.44

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,700**	67	23	10	
75-27-4	Bromodichloromethane	11	35	11	5.2	**U**
79-01-6	Trichloroethene	**200**	34	11	4.8	
123-91-1	1,4-Dioxane	11	35	11	4.2	**U**
142-82-5	n-Heptane	**810**	35	21	5.7	
108-10-1	4-Methyl-2-pentanone	11	67	11	4.9	**U**
108-88-3	Toluene	**820**	35	11	4.4	
591-78-6	2-Hexanone	11	67	11	4.4	**U**
124-48-1	Dibromochloromethane	11	35	11	4.7	**U**
106-93-4	1,2-Dibromoethane	11	35	11	4.2	**U**
127-18-4	Tetrachloroethene	**8.0**	35	11	4.6	**J**
100-41-4	Ethylbenzene	**52**	35	11	5.0	
179601-23-1	m,p-Xylenes	**110**	67	23	9.4	
75-25-2	Bromoform	21	36	21	7.4	**U**
100-42-5	Styrene	21	35	21	5.8	**U**
95-47-6	o-Xylene	**81**	36	11	5.2	
108-67-8	1,3,5-Trimethylbenzene	**22**	36	11	5.2	**J**
95-63-6	1,2,4-Trimethylbenzene	**13**	35	11	5.0	**J**
120-82-1	1,2,4-Trichlorobenzene	21	67	21	8.7	**U**
91-20-3	Naphthalene	21	35	21	8.7	**U**
1330-20-7	Xylenes, Total	**200**	67	23	9.4	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00790

Initial Pressure (psig): -3.20 Final Pressure (psig): 7.77
Initial Pressure 2 (psig): -1.67 Final Pressure 2 (psig): 5.61

Container Dilution Factor: 3.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	4.0	2.4	0.99	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	4.0	2.4	0.66	**J**
74-87-3	Chloromethane	2.4	4.0	2.4	0.66	**U**
75-01-4	Vinyl Chloride	1.3	4.0	1.3	0.43	**U**
106-99-0	1,3-Butadiene	2.4	4.0	2.4	0.67	**U**
75-00-3	Chloroethane	2.4	4.0	2.4	0.50	**U**
64-17-5	Ethanol	**17**	40	6.3	2.8	**J**
67-64-1	Acetone	**37**	40	21	9.2	**J**
75-69-4	Trichlorofluoromethane	**1.3**	3.9	2.4	0.62	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	7.6	4.8	1.7	**J**
75-09-2	Methylene Chloride	2.4	4.0	2.4	1.1	**U**
76-13-1	Trichlorotrifluoroethane	1.3	4.0	1.3	0.58	**U**
75-15-0	Carbon Disulfide	4.1	7.6	4.1	1.2	**U**
75-34-3	1,1-Dichloroethane	2.5	4.1	2.5	0.59	**U**
78-93-3	2-Butanone (MEK)	**9.6**	7.6	2.4	0.84	
141-78-6	Ethyl Acetate	5.0	7.6	5.0	2.1	**U**
110-54-3	n-Hexane	2.4	4.0	2.4	0.84	**U**
67-66-3	Chloroform	**5.8**	4.0	1.3	0.54	
109-99-9	Tetrahydrofuran (THF)	1.3	7.6	1.3	0.51	**U**
107-06-2	1,2-Dichloroethane	1.3	4.0	1.3	0.45	**U**
71-43-2	Benzene	**0.79**	4.0	1.3	0.59	**J**
56-23-5	Carbon Tetrachloride	1.3	3.9	1.3	0.56	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00790

Initial Pressure (psig): -3.20 Final Pressure (psig): 7.77
Initial Pressure 2 (psig): -1.67 Final Pressure 2 (psig): 5.61

Container Dilution Factor: 3.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.6	7.6	2.6	1.1	**U**
75-27-4	Bromodichloromethane	**1.4**	4.0	1.3	0.59	**J**
79-01-6	Trichloroethene	1.3	3.9	1.3	0.55	**U**
123-91-1	1,4-Dioxane	1.3	4.0	1.3	0.48	**U**
142-82-5	n-Heptane	2.4	4.0	2.4	0.65	**U**
108-10-1	4-Methyl-2-pentanone	1.3	7.6	1.3	0.56	**U**
108-88-3	Toluene	**1.4**	4.0	1.3	0.50	**J**
591-78-6	2-Hexanone	**2.7**	7.6	1.3	0.50	**J**
124-48-1	Dibromochloromethane	1.3	4.0	1.3	0.53	**U**
106-93-4	1,2-Dibromoethane	1.3	4.0	1.3	0.47	**U**
127-18-4	Tetrachloroethene	1.3	4.0	1.3	0.53	**U**
100-41-4	Ethylbenzene	1.3	4.0	1.3	0.57	**U**
179601-23-1	m,p-Xylenes	**1.2**	7.6	2.6	1.1	**J**
75-25-2	Bromoform	2.4	4.0	2.4	0.84	**U**
100-42-5	Styrene	2.4	4.0	2.4	0.66	**U**
95-47-6	o-Xylene	1.3	4.0	1.3	0.59	**U**
108-67-8	1,3,5-Trimethylbenzene	1.3	4.0	1.3	0.59	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	4.0	1.3	0.56	**J**
120-82-1	1,2,4-Trichlorobenzene	2.4	7.6	2.4	0.99	**U**
91-20-3	Naphthalene	**1.4**	4.0	2.4	0.99	**J**
1330-20-7	Xylenes, Total	**1.2**	7.6	2.6	1.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.04 Final Pressure (psig): 6.48
Initial Pressure 2 (psig): -5.63 Final Pressure 2 (psig): 5.04

Container Dilution Factor: 3.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	3.2	5.1	3.2	1.3	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	5.1	3.2	0.86	**J**
74-87-3	Chloromethane	3.2	5.1	3.2	0.85	**U**
75-01-4	Vinyl Chloride	1.7	5.2	1.7	0.56	**U**
106-99-0	1,3-Butadiene	3.2	5.1	3.2	0.87	**U**
75-00-3	Chloroethane	3.2	5.1	3.2	0.65	**U**
64-17-5	Ethanol	**15**	52	8.2	3.7	**J**
67-64-1	Acetone	**15**	51	27	12	**J**
75-69-4	Trichlorofluoromethane	**1.4**	5.0	3.2	0.80	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	6.2	9.9	6.2	2.2	**U**
75-09-2	Methylene Chloride	3.2	5.1	3.2	1.5	**U**
76-13-1	Trichlorotrifluoroethane	1.7	5.2	1.7	0.75	**U**
75-15-0	Carbon Disulfide	5.3	9.9	5.3	1.6	**U**
75-34-3	1,1-Dichloroethane	3.3	5.3	3.3	0.77	**U**
78-93-3	2-Butanone (MEK)	**1.8**	9.9	3.2	1.1	**J**
141-78-6	Ethyl Acetate	6.4	9.9	6.4	2.8	**U**
110-54-3	n-Hexane	3.2	5.1	3.2	1.1	**U**
67-66-3	Chloroform	**7.1**	5.2	1.7	0.70	
109-99-9	Tetrahydrofuran (THF)	1.7	9.9	1.7	0.66	**U**
107-06-2	1,2-Dichloroethane	1.7	5.1	1.7	0.58	**U**
71-43-2	Benzene	1.7	5.1	1.7	0.76	**U**
56-23-5	Carbon Tetrachloride	1.7	5.0	1.7	0.73	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.04 Final Pressure (psig): 6.48
Initial Pressure 2 (psig): -5.63 Final Pressure 2 (psig): 5.04

Container Dilution Factor: 3.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	3.4	9.9	3.4	1.5	**U**
75-27-4	Bromodichloromethane	**1.9**	5.1	1.7	0.76	**J**
79-01-6	Trichloroethene	1.7	5.0	1.7	0.71	**U**
123-91-1	1,4-Dioxane	1.7	5.1	1.7	0.62	**U**
142-82-5	n-Heptane	3.2	5.1	3.2	0.84	**U**
108-10-1	4-Methyl-2-pentanone	1.7	9.9	1.7	0.72	**U**
108-88-3	Toluene	**1.5**	5.1	1.7	0.64	**J**
591-78-6	2-Hexanone	1.7	9.9	1.7	0.65	**U**
124-48-1	Dibromochloromethane	1.7	5.1	1.7	0.69	**U**
106-93-4	1,2-Dibromoethane	1.7	5.1	1.7	0.61	**U**
127-18-4	Tetrachloroethene	1.7	5.1	1.7	0.68	**U**
100-41-4	Ethylbenzene	1.7	5.1	1.7	0.74	**U**
179601-23-1	m,p-Xylenes	**1.5**	9.9	3.4	1.4	**J**
75-25-2	Bromoform	3.2	5.2	3.2	1.1	**U**
100-42-5	Styrene	3.2	5.1	3.2	0.85	**U**
95-47-6	o-Xylene	1.7	5.2	1.7	0.76	**U**
108-67-8	1,3,5-Trimethylbenzene	1.7	5.2	1.7	0.76	**U**
95-63-6	1,2,4-Trimethylbenzene	**2.0**	5.1	1.7	0.73	**J**
120-82-1	1,2,4-Trichlorobenzene	3.2	9.9	3.2	1.3	**U**
91-20-3	Naphthalene	**3.2**	5.1	3.1	1.3	**J**
1330-20-7	Xylenes, Total	**1.5**	9.9	3.4	1.4	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00687

Initial Pressure (psig): -3.27 Final Pressure (psig): 7.23
Initial Pressure 2 (psig): 0.40 Final Pressure 2 (psig): 5.64

Container Dilution Factor: 2.58

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.1**	3.4	2.1	0.84	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.0**	3.4	2.1	0.56	**J**
74-87-3	Chloromethane	2.1	3.4	2.1	0.55	**U**
75-01-4	Vinyl Chloride	1.1	3.4	1.1	0.37	**U**
106-99-0	1,3-Butadiene	2.1	3.4	2.1	0.57	**U**
75-00-3	Chloroethane	2.1	3.4	2.1	0.43	**U**
64-17-5	Ethanol	**7.3**	34	5.4	2.4	**J**
67-64-1	Acetone	**31**	34	17	7.7	**J**
75-69-4	Trichlorofluoromethane	**2.5**	3.3	2.1	0.52	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	4.1	6.5	4.1	1.4	**U**
75-09-2	Methylene Chloride	2.1	3.4	2.1	0.97	**U**
76-13-1	Trichlorotrifluoroethane	**0.94**	3.4	1.1	0.49	**J**
75-15-0	Carbon Disulfide	**5.8**	6.5	3.5	1.0	**J**
75-34-3	1,1-Dichloroethane	2.1	3.5	2.1	0.50	**U**
78-93-3	2-Butanone (MEK)	**5.7**	6.5	2.1	0.71	**J**
141-78-6	Ethyl Acetate	4.2	6.5	4.2	1.8	**U**
110-54-3	n-Hexane	2.1	3.4	2.1	0.71	**U**
67-66-3	Chloroform	**1.2**	3.4	1.1	0.46	**J**
109-99-9	Tetrahydrofuran (THF)	**1.6**	6.5	1.1	0.43	**J**
107-06-2	1,2-Dichloroethane	1.1	3.4	1.1	0.38	**U**
71-43-2	Benzene	1.1	3.4	1.1	0.50	**U**
56-23-5	Carbon Tetrachloride	**2.0**	3.3	1.1	0.48	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00687

Initial Pressure (psig): -3.27 Final Pressure (psig): 7.23
Initial Pressure 2 (psig): 0.40 Final Pressure 2 (psig): 5.64

Container Dilution Factor: 2.58

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.2	6.5	2.2	0.97	**U**
75-27-4	Bromodichloromethane	1.1	3.4	1.1	0.50	**U**
79-01-6	Trichloroethene	1.1	3.3	1.1	0.46	**U**
123-91-1	1,4-Dioxane	1.1	3.4	1.1	0.41	**U**
142-82-5	n-Heptane	2.1	3.4	2.1	0.55	**U**
108-10-1	4-Methyl-2-pentanone	1.1	6.5	1.1	0.47	**U**
108-88-3	Toluene	**1.0**	3.4	1.1	0.42	**J**
591-78-6	2-Hexanone	**1.1**	6.5	1.1	0.43	**J**
124-48-1	Dibromochloromethane	1.1	3.4	1.1	0.45	**U**
106-93-4	1,2-Dibromoethane	1.1	3.4	1.1	0.40	**U**
127-18-4	Tetrachloroethene	**0.70**	3.4	1.1	0.45	**J**
100-41-4	Ethylbenzene	1.1	3.4	1.1	0.48	**U**
179601-23-1	m,p-Xylenes	**1.2**	6.5	2.2	0.90	**J**
75-25-2	Bromoform	2.1	3.4	2.1	0.71	**U**
100-42-5	Styrene	2.1	3.4	2.1	0.55	**U**
95-47-6	o-Xylene	1.1	3.4	1.1	0.50	**U**
108-67-8	1,3,5-Trimethylbenzene	1.1	3.4	1.1	0.50	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	3.4	1.1	0.48	**J**
120-82-1	1,2,4-Trichlorobenzene	2.1	6.5	2.1	0.84	**U**
91-20-3	Naphthalene	**1.5**	3.4	2.0	0.84	**J**
1330-20-7	Xylenes, Total	**1.2**	6.5	2.2	0.90	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00959

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.00
Initial Pressure 2 (psig): 0.63 Final Pressure 2 (psig): 5.27

Container Dilution Factor: 2.47

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	2.0	3.2	2.0	0.80	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	3.2	2.0	0.54	**J**
74-87-3	Chloromethane	2.0	3.2	2.0	0.53	**U**
75-01-4	Vinyl Chloride	1.0	3.3	1.0	0.35	**U**
106-99-0	1,3-Butadiene	2.0	3.2	2.0	0.54	**U**
75-00-3	Chloroethane	2.0	3.2	2.0	0.41	**U**
64-17-5	Ethanol	**5.5**	33	5.1	2.3	**J**
67-64-1	Acetone	**8.2**	32	17	7.4	**J**
75-69-4	Trichlorofluoromethane	**2.7**	3.1	2.0	0.50	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.9	6.2	3.9	1.4	**U**
75-09-2	Methylene Chloride	2.0	3.2	2.0	0.93	**U**
76-13-1	Trichlorotrifluoroethane	**0.99**	3.3	1.0	0.47	**J**
75-15-0	Carbon Disulfide	**4.6**	6.2	3.3	0.99	**J**
75-34-3	1,1-Dichloroethane	2.0	3.3	2.0	0.48	**U**
78-93-3	2-Butanone (MEK)	**1.6**	6.2	2.0	0.68	**J**
141-78-6	Ethyl Acetate	4.0	6.2	4.0	1.7	**U**
110-54-3	n-Hexane	2.0	3.2	2.0	0.68	**U**
67-66-3	Chloroform	1.0	3.3	1.0	0.44	**U**
109-99-9	Tetrahydrofuran (THF)	**1.9**	6.2	1.0	0.41	**J**
107-06-2	1,2-Dichloroethane	1.0	3.2	1.0	0.36	**U**
71-43-2	Benzene	1.0	3.2	1.0	0.48	**U**
56-23-5	Carbon Tetrachloride	**3.1**	3.1	1.0	0.46	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00959

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.00
Initial Pressure 2 (psig): 0.63 Final Pressure 2 (psig): 5.27

Container Dilution Factor: 2.47

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.1	6.2	2.1	0.93	**U**
75-27-4	Bromodichloromethane	1.0	3.2	1.0	0.48	**U**
79-01-6	Trichloroethene	1.0	3.1	1.0	0.44	**U**
123-91-1	1,4-Dioxane	1.0	3.2	1.0	0.39	**U**
142-82-5	n-Heptane	2.0	3.2	2.0	0.52	**U**
108-10-1	4-Methyl-2-pentanone	1.0	6.2	1.0	0.45	**U**
108-88-3	Toluene	**0.95**	3.2	1.0	0.40	**J**
591-78-6	2-Hexanone	1.0	6.2	1.0	0.41	**U**
124-48-1	Dibromochloromethane	1.0	3.2	1.0	0.43	**U**
106-93-4	1,2-Dibromoethane	1.0	3.2	1.0	0.38	**U**
127-18-4	Tetrachloroethene	**0.85**	3.2	1.0	0.43	**J**
100-41-4	Ethylbenzene	1.0	3.2	1.0	0.46	**U**
179601-23-1	m,p-Xylenes	**1.2**	6.2	2.1	0.86	**J**
75-25-2	Bromoform	2.0	3.3	2.0	0.68	**U**
100-42-5	Styrene	2.0	3.2	2.0	0.53	**U**
95-47-6	o-Xylene	1.0	3.3	1.0	0.48	**U**
108-67-8	1,3,5-Trimethylbenzene	1.0	3.3	1.0	0.48	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	3.2	1.0	0.46	**J**
120-82-1	1,2,4-Trichlorobenzene	2.0	6.2	2.0	0.80	**U**
91-20-3	Naphthalene	**2.5**	3.2	1.9	0.80	**J**
1330-20-7	Xylenes, Total	**1.2**	6.2	2.1	0.86	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00955

Initial Pressure (psig): -3.78 Final Pressure (psig): 8.20
Initial Pressure 2 (psig): 1.67 Final Pressure 2 (psig): 5.85

Container Dilution Factor: 2.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	2.1	3.4	2.1	0.85	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.3**	3.4	2.1	0.57	**J**
74-87-3	Chloromethane	2.1	3.4	2.1	0.57	**U**
75-01-4	Vinyl Chloride	1.1	3.5	1.1	0.37	**U**
106-99-0	1,3-Butadiene	2.1	3.4	2.1	0.58	**U**
75-00-3	Chloroethane	2.1	3.4	2.1	0.43	**U**
64-17-5	Ethanol	**11**	35	5.5	2.4	**J**
67-64-1	Acetone	**29**	34	18	7.9	**J**
75-69-4	Trichlorofluoromethane	**1.2**	3.4	2.1	0.53	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	4.1	6.6	4.1	1.4	**U**
75-09-2	Methylene Chloride	2.1	3.4	2.1	0.99	**U**
76-13-1	Trichlorotrifluoroethane	1.1	3.5	1.1	0.50	**U**
75-15-0	Carbon Disulfide	**6.3**	6.6	3.6	1.1	**J**
75-34-3	1,1-Dichloroethane	2.2	3.6	2.2	0.51	**U**
78-93-3	2-Butanone (MEK)	**4.0**	6.6	2.1	0.72	**J**
141-78-6	Ethyl Acetate	4.3	6.6	4.3	1.8	**U**
110-54-3	n-Hexane	2.1	3.4	2.1	0.72	**U**
67-66-3	Chloroform	1.1	3.5	1.1	0.47	**U**
109-99-9	Tetrahydrofuran (THF)	**8.2**	6.6	1.1	0.44	
107-06-2	1,2-Dichloroethane	1.1	3.4	1.1	0.39	**U**
71-43-2	Benzene	1.1	3.4	1.1	0.51	**U**
56-23-5	Carbon Tetrachloride	**1.6**	3.4	1.1	0.49	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00955

Initial Pressure (psig): -3.78 Final Pressure (psig): 8.20
Initial Pressure 2 (psig): 1.67 Final Pressure 2 (psig): 5.85

Container Dilution Factor: 2.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.2	6.6	2.2	0.99	**U**
75-27-4	Bromodichloromethane	1.1	3.4	1.1	0.51	**U**
79-01-6	Trichloroethene	**0.75**	3.4	1.1	0.47	**J**
123-91-1	1,4-Dioxane	1.1	3.4	1.1	0.41	**U**
142-82-5	n-Heptane	2.1	3.4	2.1	0.56	**U**
108-10-1	4-Methyl-2-pentanone	1.1	6.6	1.1	0.48	**U**
108-88-3	Toluene	**0.83**	3.4	1.1	0.43	**J**
591-78-6	2-Hexanone	**0.76**	6.6	1.1	0.43	**J**
124-48-1	Dibromochloromethane	1.1	3.4	1.1	0.46	**U**
106-93-4	1,2-Dibromoethane	1.1	3.4	1.1	0.41	**U**
127-18-4	Tetrachloroethene	1.1	3.4	1.1	0.45	**U**
100-41-4	Ethylbenzene	1.1	3.4	1.1	0.49	**U**
179601-23-1	m,p-Xylenes	2.2	6.6	2.2	0.92	**U**
75-25-2	Bromoform	2.1	3.5	2.1	0.72	**U**
100-42-5	Styrene	2.1	3.4	2.1	0.57	**U**
95-47-6	o-Xylene	1.1	3.5	1.1	0.51	**U**
108-67-8	1,3,5-Trimethylbenzene	1.1	3.5	1.1	0.51	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	3.4	1.1	0.49	**J**
120-82-1	1,2,4-Trichlorobenzene	2.1	6.6	2.1	0.85	**U**
91-20-3	Naphthalene	**2.1**	3.4	2.0	0.85	**J**
1330-20-7	Xylenes, Total	2.2	6.6	2.2	0.92	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -4.22 Final Pressure (psig): 5.92
Initial Pressure 2 (psig): -2.56 Final Pressure 2 (psig): 5.43

Container Dilution Factor: 3.26

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	2.6	4.2	2.6	1.1	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	4.2	2.6	0.71	**J**
74-87-3	Chloromethane	**30**	4.2	2.6	0.70	
75-01-4	Vinyl Chloride	**7.4**	4.3	1.4	0.46	
106-99-0	1,3-Butadiene	**0.84**	4.2	2.6	0.72	**J**
75-00-3	Chloroethane	**4.0**	4.2	2.6	0.54	**J**
64-17-5	Ethanol	**96**	43	6.8	3.0	
67-64-1	Acetone	**81**	42	22	9.8	
75-69-4	Trichlorofluoromethane	**1.6**	4.2	2.6	0.66	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.5**	8.2	5.1	1.8	**J**
75-09-2	Methylene Chloride	**3.8**	4.2	2.6	1.2	**J**
76-13-1	Trichlorotrifluoroethane	1.4	4.3	1.4	0.62	**U**
75-15-0	Carbon Disulfide	**140**	8.2	4.4	1.3	
75-34-3	1,1-Dichloroethane	**0.77**	4.4	2.7	0.64	**J**
78-93-3	2-Butanone (MEK)	**7.6**	8.2	2.6	0.90	**J**
141-78-6	Ethyl Acetate	**2.9**	8.2	5.3	2.3	**J**
110-54-3	n-Hexane	**3.1**	4.2	2.6	0.90	**J**
67-66-3	Chloroform	1.4	4.3	1.4	0.58	**U**
109-99-9	Tetrahydrofuran (THF)	**44**	8.2	1.4	0.55	
107-06-2	1,2-Dichloroethane	**1.1**	4.2	1.4	0.48	**J**
71-43-2	Benzene	**4.2**	4.2	1.4	0.63	**J**
56-23-5	Carbon Tetrachloride	**1.1**	4.2	1.4	0.60	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -4.22 Final Pressure (psig): 5.92
Initial Pressure 2 (psig): -2.56 Final Pressure 2 (psig): 5.43

Container Dilution Factor: 3.26

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.8	8.2	2.8	1.2	**U**
75-27-4	Bromodichloromethane	1.4	4.2	1.4	0.63	**U**
79-01-6	Trichloroethene	1.4	4.2	1.4	0.59	**U**
123-91-1	1,4-Dioxane	**0.55**	4.2	1.4	0.51	**J**
142-82-5	n-Heptane	**1.4**	4.2	2.6	0.69	**J**
108-10-1	4-Methyl-2-pentanone	1.4	8.2	1.4	0.59	**U**
108-88-3	Toluene	**8.7**	4.2	1.4	0.53	
591-78-6	2-Hexanone	**0.71**	8.2	1.4	0.54	**J**
124-48-1	Dibromochloromethane	1.4	4.2	1.4	0.57	**U**
106-93-4	1,2-Dibromoethane	1.4	4.2	1.4	0.51	**U**
127-18-4	Tetrachloroethene	**180**	4.2	1.4	0.56	
100-41-4	Ethylbenzene	**0.83**	4.2	1.4	0.61	**J**
179601-23-1	m,p-Xylenes	**2.9**	8.2	2.8	1.1	**J**
75-25-2	Bromoform	2.6	4.3	2.6	0.90	**U**
100-42-5	Styrene	2.6	4.2	2.6	0.70	**U**
95-47-6	o-Xylene	**0.94**	4.3	1.4	0.63	**J**
108-67-8	1,3,5-Trimethylbenzene	1.4	4.3	1.4	0.63	**U**
95-63-6	1,2,4-Trimethylbenzene	**2.1**	4.2	1.4	0.60	**J**
120-82-1	1,2,4-Trichlorobenzene	2.6	8.2	2.6	1.1	**U**
91-20-3	Naphthalene	**1.4**	4.2	2.5	1.1	**J**
1330-20-7	Xylenes, Total	**3.8**	8.2	2.8	1.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00848

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.19
Initial Pressure 2 (psig): -1.30 Final Pressure 2 (psig): 5.62

Container Dilution Factor: 2.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	3.8	2.3	0.95	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	3.8	2.3	0.63	**J**
74-87-3	Chloromethane	**1.4**	3.8	2.3	0.63	**J**
75-01-4	Vinyl Chloride	1.2	3.9	1.2	0.41	**U**
106-99-0	1,3-Butadiene	2.3	3.8	2.3	0.64	**U**
75-00-3	Chloroethane	2.3	3.8	2.3	0.48	**U**
64-17-5	Ethanol	**11**	39	6.0	2.7	**J**
67-64-1	Acetone	**17**	38	20	8.7	**J**
75-69-4	Trichlorofluoromethane	**9.0**	3.7	2.3	0.59	
67-63-0	2-Propanol (Isopropyl Alcohol)	4.6	7.3	4.6	1.6	**U**
75-09-2	Methylene Chloride	2.3	3.8	2.3	1.1	**U**
76-13-1	Trichlorotrifluoroethane	**0.61**	3.9	1.2	0.55	**J**
75-15-0	Carbon Disulfide	**29**	7.3	3.9	1.2	
75-34-3	1,1-Dichloroethane	2.4	3.9	2.4	0.57	**U**
78-93-3	2-Butanone (MEK)	**3.0**	7.3	2.3	0.80	**J**
141-78-6	Ethyl Acetate	4.7	7.3	4.7	2.0	**U**
110-54-3	n-Hexane	2.3	3.8	2.3	0.80	**U**
67-66-3	Chloroform	**0.61**	3.9	1.2	0.52	**J**
109-99-9	Tetrahydrofuran (THF)	**0.54**	7.3	1.2	0.49	**J**
107-06-2	1,2-Dichloroethane	1.2	3.8	1.2	0.43	**U**
71-43-2	Benzene	**0.57**	3.8	1.2	0.56	**J**
56-23-5	Carbon Tetrachloride	1.2	3.7	1.2	0.54	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00848

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.19
Initial Pressure 2 (psig): -1.30 Final Pressure 2 (psig): 5.62

Container Dilution Factor: 2.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.5	7.3	2.5	1.1	**U**
75-27-4	Bromodichloromethane	1.2	3.8	1.2	0.56	**U**
79-01-6	Trichloroethene	1.2	3.7	1.2	0.52	**U**
123-91-1	1,4-Dioxane	1.2	3.8	1.2	0.46	**U**
142-82-5	n-Heptane	**0.73**	3.8	2.3	0.62	**J**
108-10-1	4-Methyl-2-pentanone	1.2	7.3	1.2	0.53	**U**
108-88-3	Toluene	**4.4**	3.8	1.2	0.47	
591-78-6	2-Hexanone	**0.91**	7.3	1.2	0.48	**J**
124-48-1	Dibromochloromethane	1.2	3.8	1.2	0.51	**U**
106-93-4	1,2-Dibromoethane	1.2	3.8	1.2	0.45	**U**
127-18-4	Tetrachloroethene	1.2	3.8	1.2	0.50	**U**
100-41-4	Ethylbenzene	**1.4**	3.8	1.2	0.55	**J**
179601-23-1	m,p-Xylenes	**7.5**	7.3	2.5	1.0	
75-25-2	Bromoform	2.3	3.9	2.3	0.80	**U**
100-42-5	Styrene	2.3	3.8	2.3	0.63	**U**
95-47-6	o-Xylene	**2.1**	3.9	1.2	0.56	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.1**	3.9	1.2	0.56	**J**
95-63-6	1,2,4-Trimethylbenzene	**11**	3.8	1.2	0.54	
120-82-1	1,2,4-Trichlorobenzene	2.3	7.3	2.3	0.95	**U**
91-20-3	Naphthalene	**9.4**	3.8	2.3	0.95	
1330-20-7	Xylenes, Total	**9.6**	7.3	2.5	1.0	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00062

Initial Pressure (psig): -4.80 Final Pressure (psig): 5.08
Initial Pressure 2 (psig): -1.34 Final Pressure 2 (psig): 5.12

Container Dilution Factor: 2.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.6**	3.8	2.4	0.96	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.0**	3.8	2.4	0.64	**J**
74-87-3	Chloromethane	2.4	3.8	2.4	0.64	**U**
75-01-4	Vinyl Chloride	1.3	3.9	1.3	0.42	**U**
106-99-0	1,3-Butadiene	2.4	3.8	2.4	0.65	**U**
75-00-3	Chloroethane	2.4	3.8	2.4	0.49	**U**
64-17-5	Ethanol	**12**	39	6.1	2.7	**J**
67-64-1	Acetone	**33**	38	20	8.9	**J**
75-69-4	Trichlorofluoromethane	**14**	3.8	2.4	0.60	
67-63-0	2-Propanol (Isopropyl Alcohol)	4.7	7.4	4.7	1.6	**U**
75-09-2	Methylene Chloride	2.4	3.8	2.4	1.1	**U**
76-13-1	Trichlorotrifluoroethane	**0.76**	3.9	1.3	0.56	**J**
75-15-0	Carbon Disulfide	**27**	7.4	4.0	1.2	
75-34-3	1,1-Dichloroethane	2.4	4.0	2.4	0.58	**U**
78-93-3	2-Butanone (MEK)	**2.3**	7.4	2.4	0.81	**J**
141-78-6	Ethyl Acetate	4.8	7.4	4.8	2.1	**U**
110-54-3	n-Hexane	2.4	3.8	2.4	0.81	**U**
67-66-3	Chloroform	1.3	3.9	1.3	0.53	**U**
109-99-9	Tetrahydrofuran (THF)	1.3	7.4	1.3	0.50	**U**
107-06-2	1,2-Dichloroethane	1.3	3.8	1.3	0.44	**U**
71-43-2	Benzene	**0.58**	3.8	1.3	0.57	**J**
56-23-5	Carbon Tetrachloride	1.3	3.8	1.3	0.55	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00062

Initial Pressure (psig): -4.80 Final Pressure (psig): 5.08
Initial Pressure 2 (psig): -1.34 Final Pressure 2 (psig): 5.12

Container Dilution Factor: 2.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.5	7.4	2.5	1.1	**U**
75-27-4	Bromodichloromethane	1.3	3.8	1.3	0.57	**U**
79-01-6	Trichloroethene	**1.0**	3.8	1.3	0.53	**J**
123-91-1	1,4-Dioxane	**0.93**	3.8	1.3	0.47	**J**
142-82-5	n-Heptane	2.4	3.8	2.4	0.63	**U**
108-10-1	4-Methyl-2-pentanone	1.3	7.4	1.3	0.54	**U**
108-88-3	Toluene	**1.3**	3.8	1.3	0.48	**J**
591-78-6	2-Hexanone	1.3	7.4	1.3	0.49	**U**
124-48-1	Dibromochloromethane	1.3	3.8	1.3	0.52	**U**
106-93-4	1,2-Dibromoethane	1.3	3.8	1.3	0.46	**U**
127-18-4	Tetrachloroethene	**1.9**	3.8	1.3	0.51	**J**
100-41-4	Ethylbenzene	1.3	3.8	1.3	0.56	**U**
179601-23-1	m,p-Xylenes	**1.5**	7.4	2.5	1.0	**J**
75-25-2	Bromoform	2.4	3.9	2.4	0.81	**U**
100-42-5	Styrene	2.4	3.8	2.4	0.64	**U**
95-47-6	o-Xylene	1.3	3.9	1.3	0.57	**U**
108-67-8	1,3,5-Trimethylbenzene	1.3	3.9	1.3	0.57	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	3.8	1.3	0.55	**J**
120-82-1	1,2,4-Trichlorobenzene	2.4	7.4	2.4	0.96	**U**
91-20-3	Naphthalene	2.3	3.8	2.3	0.96	**U**
1330-20-7	Xylenes, Total	**1.5**	7.4	2.5	1.0	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101896

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Simon Cao/Topacio Zavala/Wida Ang
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s)
Test Notes:

Date(s) Collected: 4/5 - 4/6/21
Date(s) Received: 4/9/21
Date(s) Analyzed: 4/26 - 5/4/21

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210426-MB	**100**	**105**	**103**	70-130	
Method Blank	P210427-MB	**109**	**102**	**96**	70-130	
Method Blank	P210503-MB	**105**	**102**	**97**	70-130	
Method Blank	P210504-MB	**106**	**102**	**92**	70-130	
Lab Control Sample	P210426-LCS	**101**	**100**	**106**	70-130	
Lab Control Sample	P210427-LCS	**116**	**96**	**92**	70-130	
Lab Control Sample	P210503-LCS	**100**	**97**	**97**	70-130	
Lab Control Sample	P210504-LCS	**102**	**98**	**92**	70-130	
Duplicate Lab Control Sample	P210426-DLCS	**101**	**100**	**106**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**111**	**98**	**96**	70-130	
Duplicate Lab Control Sample	P210503-DLCS	**102**	**97**	**97**	70-130	
Duplicate Lab Control Sample	P210504-DLCS	**101**	**98**	**91**	70-130	
SV127-250-212	P2101896-001	**98**	**102**	**107**	70-130	
SV127-350-212	P2101896-002	**100**	**103**	**105**	70-130	
SV127-450-212	P2101896-003	**101**	**102**	**103**	70-130	
SV128-025-212	P2101896-004	**108**	**102**	**104**	70-130	
SV128-050-212	P2101896-005	**105**	**100**	**103**	70-130	
SV128-150-212	P2101896-006	**102**	**104**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101896

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Simon Cao/Topacio Zavala/Wida Ang
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s)
Test Notes:

Date(s) Collected: 4/5 - 4/6/21
Date(s) Received: 4/9/21
Date(s) Analyzed: 4/26 - 5/4/21

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV128-250-212	P2101896-007	**99**	**99**	**105**	70-130	
SV128-350-212	P2101896-008	**101**	**94**	**98**	70-130	
SV128-450-212	P2101896-009	**100**	**94**	**95**	70-130	
SV133-025-212	P2101896-010	**103**	**101**	**104**	70-130	
SV133-050-212	P2101896-011	**105**	**102**	**103**	70-130	
SV133-170-212	P2101896-012	**103**	**102**	**103**	70-130	
SV133-250-612	P2101896-013	**110**	**100**	**97**	70-130	
SV133-250-212	P2101896-014	**111**	**102**	**96**	70-130	
SV133-350-212	P2101896-015	**116**	**100**	**95**	70-130	
SV133-450-212	P2101896-016	**101**	**101**	**102**	70-130	
SV136-025-212	P2101896-017	**105**	**102**	**93**	70-130	
SV136-050-212	P2101896-018	**106**	**102**	**91**	70-130	
SV136-150-212	P2101896-019	**106**	**102**	**92**	70-130	
SV136-250-212	P2101896-020	**106**	**103**	**92**	70-130	
SV136-350-212	P2101896-021	**106**	**102**	**93**	70-130	
SV136-450-212	P2101896-022	**106**	**101**	**93**	70-130	
SV138-025-212	P2101896-023	**106**	**101**	**93**	70-130	
SV138-050-212	P2101896-024	**107**	**102**	**93**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	184	193	**88**	**92**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	206	209	**98**	**100**	59-128	2	25	
74-87-3	Chloromethane	206	183	182	**89**	**88**	59-132	1	25	
75-01-4	Vinyl Chloride	208	197	204	**95**	**98**	64-127	3	25	
106-99-0	1,3-Butadiene	210	219	229	**104**	**109**	66-134	5	25	
75-00-3	Chloroethane	204	195	206	**96**	**101**	63-127	5	25	
64-17-5	Ethanol	998	843	888	**84**	**89**	59-125	6	25	
67-64-1	Acetone	1,030	938	975	**91**	**95**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	208	212	**102**	**104**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	408	439	**100**	**108**	52-125	8	25	
75-09-2	Methylene Chloride	208	209	218	**100**	**105**	62-115	5	25	
76-13-1	Trichlorotrifluoroethane	214	211	215	**99**	**100**	66-126	1	25	
75-15-0	Carbon Disulfide	428	386	415	**90**	**97**	57-134	7	25	
75-34-3	1,1-Dichloroethane	212	198	206	**93**	**97**	68-126	4	25	
78-93-3	2-Butanone (MEK)	412	408	414	**99**	**100**	67-130	1	25	
141-78-6	Ethyl Acetate	422	497	520	**118**	**123**	65-128	4	25	
110-54-3	n-Hexane	212	178	186	**84**	**88**	63-120	5	25	
67-66-3	Chloroform	214	206	212	**96**	**99**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	400	366	383	**92**	**96**	64-123	4	25	
107-06-2	1,2-Dichloroethane	208	210	215	**101**	**103**	65-128	2	25	
71-43-2	Benzene	204	197	203	**97**	**100**	69-119	3	25	
56-23-5	Carbon Tetrachloride	210	214	215	**102**	**102**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	403	414	**97**	**100**	70-117	3	25	
75-27-4	Bromodichloromethane	210	220	222	**105**	**106**	72-128	0.9	25	
79-01-6	Trichloroethene	206	213	216	**103**	**105**	71-123	2	25	
123-91-1	1,4-Dioxane	208	202	208	**97**	**100**	71-122	3	25	
142-82-5	n-Heptane	210	205	212	**98**	**101**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	416	418	427	**100**	**103**	67-130	3	25	
108-88-3	Toluene	206	205	208	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	404	402	409	**100**	**101**	62-128	1	25	
124-48-1	Dibromochloromethane	210	243	243	**116**	**116**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	234	237	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	206	222	223	**108**	**108**	66-124	0	25	
100-41-4	Ethylbenzene	206	218	220	**106**	**107**	70-124	0.9	25	
179601-23-1	m,p-Xylenes	412	428	433	**104**	**105**	61-134	1	25	
75-25-2	Bromoform	208	236	235	**113**	**113**	66-139	0	25	
100-42-5	Styrene	206	215	218	**104**	**106**	73-127	2	25	
95-47-6	o-Xylene	206	217	219	**105**	**106**	67-125	0.9	25	
108-67-8	1,3,5-Trimethylbenzene	206	210	211	**102**	**102**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	213	215	**104**	**105**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	438	436	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	198	229	230	**116**	**116**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	231	218	**110**	**104**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	235	223	**112**	**106**	59-128	6	25	
74-87-3	Chloromethane	206	211	214	**102**	**104**	59-132	2	25	
75-01-4	Vinyl Chloride	208	231	235	**111**	**113**	64-127	2	25	
106-99-0	1,3-Butadiene	210	264	252	**126**	**120**	66-134	5	25	
75-00-3	Chloroethane	204	219	203	**107**	**100**	63-127	7	25	
64-17-5	Ethanol	998	987	907	**99**	**91**	59-125	8	25	
67-64-1	Acetone	1,030	1090	1010	**106**	**98**	58-128	8	25	
75-69-4	Trichlorofluoromethane	204	233	216	**114**	**106**	62-126	7	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	502	460	**123**	**113**	52-125	8	25	
75-09-2	Methylene Chloride	208	234	219	**113**	**105**	62-115	7	25	
76-13-1	Trichlorotrifluoroethane	214	215	210	**100**	**98**	66-126	2	25	
75-15-0	Carbon Disulfide	428	455	418	**106**	**98**	57-134	8	25	
75-34-3	1,1-Dichloroethane	212	238	224	**112**	**106**	68-126	6	25	
78-93-3	2-Butanone (MEK)	412	469	443	**114**	**108**	67-130	5	25	
141-78-6	Ethyl Acetate	422	609	568	**144**	**135**	65-128	6	25	**L**
110-54-3	n-Hexane	212	218	207	**103**	**98**	63-120	5	25	
67-66-3	Chloroform	214	242	228	**113**	**107**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	400	424	410	**106**	**103**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	253	238	**122**	**114**	65-128	7	25	
71-43-2	Benzene	204	215	211	**105**	**103**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	230	223	**110**	**106**	68-132	4	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	433	426	**104**	**102**	70-117	2	25	
75-27-4	Bromodichloromethane	210	241	235	**115**	**112**	72-128	3	25	
79-01-6	Trichloroethene	206	214	215	**104**	**104**	71-123	0	25	
123-91-1	1,4-Dioxane	208	217	213	**104**	**102**	71-122	2	25	
142-82-5	n-Heptane	210	226	222	**108**	**106**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	477	462	**115**	**111**	67-130	4	25	
108-88-3	Toluene	206	209	209	**101**	**101**	66-119	0	25	
591-78-6	2-Hexanone	404	461	446	**114**	**110**	62-128	4	25	
124-48-1	Dibromochloromethane	210	240	240	**114**	**114**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	235	236	**113**	**113**	74-122	0	25	
127-18-4	Tetrachloroethene	206	208	212	**101**	**103**	66-124	2	25	
100-41-4	Ethylbenzene	206	225	224	**109**	**109**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	448	442	**109**	**107**	61-134	2	25	
75-25-2	Bromoform	208	225	229	**108**	**110**	66-139	2	25	
100-42-5	Styrene	206	216	217	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	206	226	223	**110**	**108**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	213	212	**103**	**103**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	224	220	**110**	**108**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	439	433	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	198	229	228	**116**	**115**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	218	211	**104**	**100**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	212	204	**101**	**97**	59-128	4	25	
74-87-3	Chloromethane	206	250	241	**121**	**117**	59-132	3	25	
75-01-4	Vinyl Chloride	208	235	230	**113**	**111**	64-127	2	25	
106-99-0	1,3-Butadiene	210	264	262	**126**	**125**	66-134	0.8	25	
75-00-3	Chloroethane	204	235	232	**115**	**114**	63-127	0.9	25	
64-17-5	Ethanol	998	1090	1100	**109**	**110**	59-125	0.9	25	
67-64-1	Acetone	1,030	1090	1090	**106**	**106**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	205	202	**100**	**99**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	444	449	**109**	**110**	52-125	0.9	25	
75-09-2	Methylene Chloride	208	218	217	**105**	**104**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	211	209	**99**	**98**	66-126	1	25	
75-15-0	Carbon Disulfide	428	466	462	**109**	**108**	57-134	0.9	25	
75-34-3	1,1-Dichloroethane	212	219	219	**103**	**103**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	456	455	**111**	**110**	67-130	0.9	25	
141-78-6	Ethyl Acetate	422	624	625	**148**	**148**	65-128	0	25	**L**
110-54-3	n-Hexane	212	216	216	**102**	**102**	63-120	0	25	
67-66-3	Chloroform	214	216	214	**101**	**100**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	420	418	**105**	**105**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	221	220	**106**	**106**	65-128	0	25	
71-43-2	Benzene	204	189	188	**93**	**92**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	213	209	**101**	**100**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	437	433	**105**	**104**	70-117	1	25	
75-27-4	Bromodichloromethane	210	220	218	**105**	**104**	72-128	1	25	
79-01-6	Trichloroethene	206	208	206	**101**	**100**	71-123	1	25	
123-91-1	1,4-Dioxane	208	204	204	**98**	**98**	71-122	0	25	
142-82-5	n-Heptane	210	222	220	**106**	**105**	69-123	0.9	25	
108-10-1	4-Methyl-2-pentanone	416	486	485	**117**	**117**	67-130	0	25	
108-88-3	Toluene	206	194	191	**94**	**93**	66-119	1	25	
591-78-6	2-Hexanone	404	447	447	**111**	**111**	62-128	0	25	
124-48-1	Dibromochloromethane	210	225	221	**107**	**105**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	221	216	**106**	**104**	74-122	2	25	
127-18-4	Tetrachloroethene	206	194	190	**94**	**92**	66-124	2	25	
100-41-4	Ethylbenzene	206	205	202	**100**	**98**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	404	396	**98**	**96**	61-134	2	25	
75-25-2	Bromoform	208	230	224	**111**	**108**	66-139	3	25	
100-42-5	Styrene	206	201	196	**98**	**95**	73-127	3	25	
95-47-6	o-Xylene	206	205	201	**100**	**98**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	206	201	**100**	**98**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	213	207	**104**	**101**	66-132	3	25	
120-82-1	1,2,4-Trichlorobenzene	388	416	400	**107**	**103**	55-142	4	25	
91-20-3	Naphthalene	198	226	218	**114**	**110**	57-138	4	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	220	215	**105**	**102**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	207	204	**99**	**97**	59-128	2	25	
74-87-3	Chloromethane	206	255	247	**124**	**120**	59-132	3	25	
75-01-4	Vinyl Chloride	208	238	234	**114**	**113**	64-127	0.9	25	
106-99-0	1,3-Butadiene	210	273	267	**130**	**127**	66-134	2	25	
75-00-3	Chloroethane	204	246	240	**121**	**118**	63-127	3	25	
64-17-5	Ethanol	998	1160	1140	**116**	**114**	59-125	2	25	
67-64-1	Acetone	1,030	1130	1110	**110**	**108**	58-128	2	25	
75-69-4	Trichlorofluoromethane	204	205	203	**100**	**100**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	465	460	**114**	**113**	52-125	0.9	25	
75-09-2	Methylene Chloride	208	224	221	**108**	**106**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	209	210	**98**	**98**	66-126	0	25	
75-15-0	Carbon Disulfide	428	475	470	**111**	**110**	57-134	0.9	25	
75-34-3	1,1-Dichloroethane	212	226	225	**107**	**106**	68-126	0.9	25	
78-93-3	2-Butanone (MEK)	412	467	464	**113**	**113**	67-130	0	25	
141-78-6	Ethyl Acetate	422	634	633	**150**	**150**	65-128	0	25	**L**
110-54-3	n-Hexane	212	221	220	**104**	**104**	63-120	0	25	
67-66-3	Chloroform	214	218	216	**102**	**101**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	429	426	**107**	**107**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	222	221	**107**	**106**	65-128	0.9	25	
71-43-2	Benzene	204	191	190	**94**	**93**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	208	208	**99**	**99**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	439	439	**106**	**106**	70-117	0	25	
75-27-4	Bromodichloromethane	210	220	218	**105**	**104**	72-128	1	25	
79-01-6	Trichloroethene	206	206	206	**100**	**100**	71-123	0	25	
123-91-1	1,4-Dioxane	208	205	205	**99**	**99**	71-122	0	25	
142-82-5	n-Heptane	210	225	225	**107**	**107**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	494	494	**119**	**119**	67-130	0	25	
108-88-3	Toluene	206	198	199	**96**	**97**	66-119	1	25	
591-78-6	2-Hexanone	404	464	466	**115**	**115**	62-128	0	25	
124-48-1	Dibromochloromethane	210	226	227	**108**	**108**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	224	225	**108**	**108**	74-122	0	25	
127-18-4	Tetrachloroethene	206	193	194	**94**	**94**	66-124	0	25	
100-41-4	Ethylbenzene	206	209	209	**101**	**101**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	410	419	**100**	**102**	61-134	2	25	
75-25-2	Bromoform	208	228	228	**110**	**110**	66-139	0	25	
100-42-5	Styrene	206	201	201	**98**	**98**	73-127	0	25	
95-47-6	o-Xylene	206	208	208	**101**	**101**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	206	206	**100**	**100**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	211	211	**103**	**103**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	403	403	**104**	**104**	55-142	0	25	
91-20-3	Naphthalene	198	221	221	**112**	**112**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04262101.D
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 05:50
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	213849		11.20	931811		13.32		468372		17.63	
	Upper Limit	299389		11.53	1304535		13.65		655721		17.96	
	Lower Limit	128309		10.87	559087		12.99		281023		17.30	
	Client Sample ID											
01	Method Blank	173948		11.18	762427		13.31		354950		17.63	
02	Lab Control Sample	194799		11.20	845422		13.32		415246		17.63	
03	SV128-250-212	183684		11.18	811681		13.31		417620		17.63	
04	Duplicate Lab Control Sample	190477		11.20	840677		13.31		415834		17.63	
05	SV128-350-212	180103		11.18	799963		13.31		428461		17.63	
06	SV128-450-212	187878		11.18	841109		13.31		470356		17.62	
07	SV127-250-212	185925		11.18	820353		13.31		398409		17.62	
08	SV127-350-212	179773		11.18	794899		13.31		378323		17.62	
09	SV127-450-212	169524		11.18	752141		13.31		364423		17.62	
10	SV128-025-212	163368		11.18	727846		13.31		356845		17.62	
11	SV128-050-212	169580		11.18	757775		13.31		377031		17.62	
12	SV128-150-212	173090		11.18	776238		13.31		367638		17.62	
13	SV133-050-212	166727		11.18	751157		13.31		361221		17.62	
14	SV133-250-612	153426		11.18	690946		13.31		344738		17.62	
15	SV133-250-212	148984		11.18	675911		13.31		331064		17.62	
16	SV133-350-212	142677		11.18	652109		13.31		325880		17.62	
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04272101.D
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 01:33
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	165236		11.19	737119		13.31		372696		17.62	
	Upper Limit	231330		11.52	1031967		13.64		521774		17.95	
	Lower Limit	99142		10.86	442271		12.98		223618		17.29	
	Client Sample ID											
01	Method Blank	144325		11.18	650511		13.31		313685		17.62	
02	Lab Control Sample	145845		11.20	670257		13.31		346167		17.63	
03	SV128-025-212 (Dilution)	157488		11.18	708637		13.31		345453		17.62	
04	SV128-450-212 (Dilution)	147752		11.18	674953		13.31		335172		17.62	
05	Duplicate Lab Control Sample	158960		11.20	716691		13.31		364050		17.63	
06	SV128-150-212 (Dilution)	169768		11.18	744395		13.31		365636		17.62	
07	SV133-170-212	167077		11.18	747650		13.31		361457		17.62	
08	SV133-025-212	166296		11.18	743841		13.31		364633		17.62	
09	SV133-250-212 (Dilution)	170802		11.18	786117		13.31		403212		17.62	
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05032101.D
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 04:33
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	143578	9.15	652113	11.11	350510	15.45
	Upper Limit	201009	9.48	912958	11.44	490714	15.78
	Lower Limit	86147	8.82	391268	10.78	210306	15.12
	Client Sample ID						
01	Method Blank	151123	9.12	688850	11.09	360008	15.44
02	Lab Control Sample	145188	9.15	655409	11.11	357638	15.45
03	Duplicate Lab Control Sample	150856	9.15	683221	11.11	374380	15.45
04	SV133-450-212	129799	9.13	579873	11.10	301655	15.45
05	SV136-025-212	159993	9.12	730606	11.10	376842	15.44
06	SV136-050-212	154295	9.12	708879	11.10	366924	15.44
07	SV136-150-212	157736	9.12	720588	11.10	373648	15.44
08	SV136-250-212	156849	9.12	723394	11.10	371972	15.44
09	SV136-350-212	159100	9.12	731025	11.10	381604	15.44
10	SV136-450-212	159254	9.12	731043	11.10	383047	15.44
11	SV138-025-212	157428	9.12	723905	11.10	380119	15.45
12	SV138-050-212	158725	9.12	734755	11.10	383666	15.44
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05032131.D
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 23:10
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	171566		9.15	783524		11.11		418441		15.45	
	Upper Limit	240192		9.48	1096934		11.44		585817		15.78	
	Lower Limit	102940		8.82	470114		10.78		251065		15.12	
	Client Sample ID											
01	Method Blank	154782		9.12	713258		11.10		369089		15.44	
02	Lab Control Sample	163979		9.15	745005		11.11		394591		15.45	
03	Duplicate Lab Control Sample	162182		9.15	734698		11.11		389339		15.45	
04	SV133-250-612 (Dilution)	163653		9.12	742237		11.09		375845		15.44	
05												
06												
07												
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16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -6.73 Final Pressure (psig): 6.18

Container Dilution Factor: 2.62

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.5**	2.0	1.2	0.49	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.78**	0.69	0.42	0.12	
74-87-3	Chloromethane	**0.28**	1.7	1.0	0.27	**J**
75-01-4	Vinyl Chloride	0.44	1.4	0.44	0.15	**U**
106-99-0	1,3-Butadiene	0.95	1.5	0.95	0.26	**U**
75-00-3	Chloroethane	0.79	1.3	0.79	0.16	**U**
64-17-5	Ethanol	**24**	18	2.9	1.3	
67-64-1	Acetone	**27**	14	7.4	3.3	
75-69-4	Trichlorofluoromethane	**0.38**	0.59	0.37	0.094	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.2**	2.7	1.7	0.59	**J**
75-09-2	Methylene Chloride	**0.72**	0.98	0.60	0.28	**J**
76-13-1	Trichlorotrifluoroethane	**0.10**	0.45	0.15	0.065	**J**
75-15-0	Carbon Disulfide	**110**	2.1	1.1	0.34	
75-34-3	1,1-Dichloroethane	0.53	0.87	0.53	0.13	**U**
78-93-3	2-Butanone (MEK)	0.71	2.2	0.71	0.24	**U**
141-78-6	Ethyl Acetate	**6.3**	1.8	1.2	0.51	
110-54-3	n-Hexane	**1.4**	0.97	0.59	0.20	
67-66-3	Chloroform	**0.99**	0.71	0.23	0.095	
109-99-9	Tetrahydrofuran (THF)	**1.4**	2.2	0.38	0.15	**J**
107-06-2	1,2-Dichloroethane	0.28	0.84	0.28	0.096	**U**
71-43-2	Benzene	**0.28**	1.1	0.35	0.16	**J**
56-23-5	Carbon Tetrachloride	**0.97**	0.53	0.18	0.077	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00131

Initial Pressure (psig): -6.73 Final Pressure (psig): 6.18

Container Dilution Factor: 2.62

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.65	1.9	0.65	0.29	**U**
75-27-4	Bromodichloromethane	0.17	0.51	0.17	0.075	**U**
79-01-6	Trichloroethene	0.21	0.62	0.21	0.088	**U**
123-91-1	1,4-Dioxane	0.31	0.95	0.31	0.11	**U**
142-82-5	n-Heptane	**0.28**	0.83	0.51	0.14	**J**
108-10-1	4-Methyl-2-pentanone	**0.24**	1.6	0.27	0.12	**J**
108-88-3	Toluene	**3.0**	0.90	0.30	0.11	
591-78-6	2-Hexanone	**0.57**	1.6	0.27	0.11	**J**
124-48-1	Dibromochloromethane	0.13	0.40	0.13	0.054	**U**
106-93-4	1,2-Dibromoethane	0.14	0.44	0.14	0.053	**U**
127-18-4	Tetrachloroethene	**0.081**	0.50	0.16	0.067	**J**
100-41-4	Ethylbenzene	**0.16**	0.78	0.26	0.11	**J**
179601-23-1	m,p-Xylenes	**0.56**	1.5	0.51	0.21	**J**
75-25-2	Bromoform	0.20	0.34	0.20	0.070	**U**
100-42-5	Styrene	0.49	0.80	0.49	0.13	**U**
95-47-6	o-Xylene	**0.20**	0.80	0.26	0.12	**J**
108-67-8	1,3,5-Trimethylbenzene	0.23	0.71	0.23	0.10	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.17**	0.69	0.23	0.099	**J**
120-82-1	1,2,4-Trichlorobenzene	0.28	0.88	0.28	0.11	**U**
91-20-3	Naphthalene	0.39	0.65	0.39	0.16	**U**
1330-20-7	Xylenes, Total	**0.75**	1.5	0.51	0.21	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00922

Initial Pressure (psig): -4.54 Final Pressure (psig): 6.30

Container Dilution Factor: 2.07

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.97**	1.6	0.96	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.15**	0.54	0.34	0.091	**J**
74-87-3	Chloromethane	0.80	1.3	0.80	0.22	**U**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.12	**U**
106-99-0	1,3-Butadiene	0.75	1.2	0.75	0.21	**U**
75-00-3	Chloroethane	0.63	1.0	0.63	0.13	**U**
64-17-5	Ethanol	**2.2**	15	2.3	1.0	**J**
67-64-1	Acetone	5.9	11	5.9	2.6	**U**
75-69-4	Trichlorofluoromethane	0.29	0.47	0.29	0.075	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.64**	2.1	1.3	0.46	**J**
75-09-2	Methylene Chloride	0.48	0.77	0.48	0.22	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.36	0.11	0.051	**U**
75-15-0	Carbon Disulfide	**12**	1.7	0.90	0.27	
75-34-3	1,1-Dichloroethane	0.42	0.69	0.42	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.57**	1.8	0.56	0.19	**J**
141-78-6	Ethyl Acetate	0.93	1.4	0.93	0.40	**U**
110-54-3	n-Hexane	**0.56**	0.76	0.47	0.16	**J**
67-66-3	Chloroform	0.18	0.56	0.18	0.075	**U**
109-99-9	Tetrahydrofuran (THF)	0.30	1.8	0.30	0.12	**U**
107-06-2	1,2-Dichloroethane	0.22	0.67	0.22	0.075	**U**
71-43-2	Benzene	**0.79**	0.84	0.28	0.12	**J**
56-23-5	Carbon Tetrachloride	0.14	0.42	0.14	0.061	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00922

Initial Pressure (psig): -4.54 Final Pressure (psig): 6.30

Container Dilution Factor: 2.07

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.5**	1.5	0.51	0.23	**J**
75-27-4	Bromodichloromethane	0.13	0.40	0.13	0.060	**U**
79-01-6	Trichloroethene	**0.19**	0.49	0.16	0.069	**J**
123-91-1	1,4-Dioxane	0.24	0.75	0.24	0.091	**U**
142-82-5	n-Heptane	0.40	0.66	0.40	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.3	0.21	0.092	**U**
108-88-3	Toluene	**0.29**	0.71	0.23	0.089	**J**
591-78-6	2-Hexanone	0.21	1.3	0.21	0.083	**U**
124-48-1	Dibromochloromethane	0.10	0.32	0.10	0.043	**U**
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.042	**U**
127-18-4	Tetrachloroethene	**0.095**	0.40	0.13	0.053	**J**
100-41-4	Ethylbenzene	0.20	0.62	0.20	0.089	**U**
179601-23-1	m,p-Xylenes	0.41	1.2	0.41	0.17	**U**
75-25-2	Bromoform	0.16	0.27	0.16	0.055	**U**
100-42-5	Styrene	0.39	0.63	0.39	0.10	**U**
95-47-6	o-Xylene	0.20	0.63	0.20	0.092	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.56	0.18	0.081	**U**
95-63-6	1,2,4-Trimethylbenzene	0.18	0.55	0.18	0.078	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.70	0.22	0.091	**U**
91-20-3	Naphthalene	0.31	0.51	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.41	1.2	0.41	0.17	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes:
Container ID: 1SC00304

Initial Pressure (psig): -4.71 Final Pressure (psig): 7.06

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.4	2.2	1.4	0.55	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**	0.76	0.47	0.13	**J**
74-87-3	Chloromethane	**0.60**	1.8	1.1	0.30	**J**
75-01-4	Vinyl Chloride	0.48	1.5	0.48	0.16	**U**
106-99-0	1,3-Butadiene	1.1	1.7	1.1	0.29	**U**
75-00-3	Chloroethane	0.88	1.4	0.88	0.18	**U**
64-17-5	Ethanol	**3.5**	20	3.2	1.4	**J**
67-64-1	Acetone	8.3	16	8.3	3.7	**U**
75-69-4	Trichlorofluoromethane	**0.23**	0.66	0.41	0.10	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.9	3.0	1.9	0.65	**U**
75-09-2	Methylene Chloride	0.67	1.1	0.67	0.31	**U**
76-13-1	Trichlorotrifluoroethane	0.16	0.50	0.16	0.072	**U**
75-15-0	Carbon Disulfide	**1.9**	2.3	1.3	0.37	**J**
75-34-3	1,1-Dichloroethane	0.59	0.97	0.59	0.14	**U**
78-93-3	2-Butanone (MEK)	**2.3**	2.5	0.79	0.27	**J**
141-78-6	Ethyl Acetate	1.3	2.0	1.3	0.56	**U**
110-54-3	n-Hexane	0.66	1.1	0.66	0.23	**U**
67-66-3	Chloroform	**120**	0.79	0.25	0.11	
109-99-9	Tetrahydrofuran (THF)	**0.64**	2.5	0.42	0.17	**J**
107-06-2	1,2-Dichloroethane	0.31	0.93	0.31	0.11	**U**
71-43-2	Benzene	**0.51**	1.2	0.39	0.18	**J**
56-23-5	Carbon Tetrachloride	**3.4**	0.59	0.20	0.086	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV127-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes:
Container ID: 1SC00304

Initial Pressure (psig): -4.71 Final Pressure (psig): 7.06

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.72	2.1	0.72	0.32	**U**
75-27-4	Bromodichloromethane	**11**	0.56	0.18	0.084	
79-01-6	Trichloroethene	**0.52**	0.69	0.23	0.097	**J**
123-91-1	1,4-Dioxane	0.34	1.0	0.34	0.13	**U**
142-82-5	n-Heptane	0.57	0.92	0.57	0.15	**U**
108-10-1	4-Methyl-2-pentanone	0.30	1.8	0.30	0.13	**U**
108-88-3	Toluene	**0.56**	1.0	0.33	0.13	**J**
591-78-6	2-Hexanone	0.30	1.8	0.30	0.12	**U**
124-48-1	Dibromochloromethane	**1.6**	0.44	0.15	0.060	
106-93-4	1,2-Dibromoethane	0.16	0.49	0.16	0.059	**U**
127-18-4	Tetrachloroethene	**1.0**	0.56	0.18	0.074	
100-41-4	Ethylbenzene	0.28	0.87	0.28	0.13	**U**
179601-23-1	m,p-Xylenes	0.57	1.7	0.57	0.23	**U**
75-25-2	Bromoform	**0.13**	0.37	0.22	0.077	**J**
100-42-5	Styrene	0.55	0.89	0.55	0.15	**U**
95-47-6	o-Xylene	0.28	0.89	0.28	0.13	**U**
108-67-8	1,3,5-Trimethylbenzene	0.25	0.78	0.25	0.11	**U**
95-63-6	1,2,4-Trimethylbenzene	0.25	0.77	0.25	0.11	**U**
120-82-1	1,2,4-Trichlorobenzene	0.31	0.98	0.31	0.13	**U**
91-20-3	Naphthalene	0.43	0.72	0.43	0.18	**U**
1330-20-7	Xylenes, Total	0.57	1.7	0.57	0.23	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.075 Liter(s)
Container ID: 1SC00428

Initial Pressure (psig): -3.84 Final Pressure (psig): 7.36

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.73**	2.0	1.3	0.51	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**150**	2.8	1.8	0.48	**D**
74-87-3	Chloromethane	1.0	1.7	1.0	0.28	**U**
75-01-4	Vinyl Chloride	0.45	1.4	0.45	0.15	**U**
106-99-0	1,3-Butadiene	0.98	1.6	0.98	0.27	**U**
75-00-3	Chloroethane	0.82	1.3	0.82	0.17	**U**
64-17-5	Ethanol	**3.9**	19	3.0	1.3	**J**
67-64-1	Acetone	**8.7**	15	7.7	3.4	**J**
75-69-4	Trichlorofluoromethane	**17**	0.61	0.39	0.098	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.7	2.8	1.7	0.61	**U**
75-09-2	Methylene Chloride	0.62	1.0	0.62	0.29	**U**
76-13-1	Trichlorotrifluoroethane	**22**	0.47	0.15	0.067	
75-15-0	Carbon Disulfide	**1.9**	2.2	1.2	0.35	**J**
75-34-3	1,1-Dichloroethane	0.55	0.90	0.55	0.13	**U**
78-93-3	2-Butanone (MEK)	**1.5**	2.3	0.73	0.25	**J**
141-78-6	Ethyl Acetate	1.2	1.9	1.2	0.53	**U**
110-54-3	n-Hexane	**0.48**	1.0	0.61	0.21	**J**
67-66-3	Chloroform	**1.1**	0.73	0.24	0.098	
109-99-9	Tetrahydrofuran (THF)	0.39	2.3	0.39	0.15	**U**
107-06-2	1,2-Dichloroethane	0.28	0.87	0.28	0.099	**U**
71-43-2	Benzene	**0.93**	1.1	0.36	0.16	**J**
56-23-5	Carbon Tetrachloride	**22**	0.55	0.18	0.080	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.075 Liter(s)
Container ID: 1SC00428

Initial Pressure (psig): -3.84 Final Pressure (psig): 7.36

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.57**		2.0	0.67	0.29	**J**
75-27-4	Bromodichloromethane		0.17	0.53	0.17	0.078	**U**
79-01-6	Trichloroethene	**0.19**		0.64	0.21	0.091	**J**
123-91-1	1,4-Dioxane		0.32	0.98	0.32	0.12	**U**
142-82-5	n-Heptane	**0.80**		0.86	0.53	0.14	**J**
108-10-1	4-Methyl-2-pentanone		0.28	1.7	0.28	0.12	**U**
108-88-3	Toluene	**6.0**		0.93	0.31	0.12	
591-78-6	2-Hexanone	**0.30**		1.7	0.28	0.11	**J**
124-48-1	Dibromochloromethane		0.14	0.41	0.14	0.056	**U**
106-93-4	1,2-Dibromoethane		0.15	0.46	0.15	0.055	**U**
127-18-4	Tetrachloroethene	**0.48**		0.52	0.17	0.069	**J**
100-41-4	Ethylbenzene	**1.7**		0.81	0.26	0.12	
179601-23-1	m,p-Xylenes	**7.7**		1.6	0.53	0.22	
75-25-2	Bromoform		0.21	0.35	0.21	0.072	**U**
100-42-5	Styrene		0.51	0.83	0.51	0.14	**U**
95-47-6	o-Xylene	**2.8**		0.83	0.26	0.12	
108-67-8	1,3,5-Trimethylbenzene	**2.0**		0.73	0.23	0.11	
95-63-6	1,2,4-Trimethylbenzene	**8.6**		0.72	0.23	0.10	
120-82-1	1,2,4-Trichlorobenzene		0.29	0.91	0.29	0.12	**U**
91-20-3	Naphthalene	**2.4**		0.67	0.40	0.17	
1330-20-7	Xylenes, Total	**10**		1.6	0.53	0.22	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00030

Initial Pressure (psig): -2.87 Final Pressure (psig): 7.55

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	2.8	1.7	0.71	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**150**	0.99	0.61	0.17	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.63	1.9	0.63	0.21	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.37	**U**
75-00-3	Chloroethane	1.1	1.9	1.1	0.24	**U**
64-17-5	Ethanol	**4.0**	26	4.1	1.8	**J**
67-64-1	Acetone	**13**	21	11	4.8	**J**
75-69-4	Trichlorofluoromethane	**18**	0.85	0.54	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.93**	3.8	2.4	0.84	**J**
75-09-2	Methylene Chloride	0.87	1.4	0.87	0.41	**U**
76-13-1	Trichlorotrifluoroethane	**23**	0.65	0.21	0.093	
75-15-0	Carbon Disulfide	**3.0**	3.0	1.6	0.48	**J**
75-34-3	1,1-Dichloroethane	0.77	1.3	0.77	0.18	**U**
78-93-3	2-Butanone (MEK)	**2.3**	3.2	1.0	0.35	**J**
141-78-6	Ethyl Acetate	1.7	2.6	1.7	0.73	**U**
110-54-3	n-Hexane	**0.56**	1.4	0.85	0.29	**J**
67-66-3	Chloroform	**0.57**	1.0	0.33	0.14	**J**
109-99-9	Tetrahydrofuran (THF)	0.54	3.2	0.54	0.21	**U**
107-06-2	1,2-Dichloroethane	0.39	1.2	0.39	0.14	**U**
71-43-2	Benzene	**1.5**	1.5	0.50	0.23	**J**
56-23-5	Carbon Tetrachloride	**23**	0.76	0.25	0.11	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00030

Initial Pressure (psig): -2.87 Final Pressure (psig): 7.55

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.71**	2.7	0.93	0.41	**J**
75-27-4	Bromodichloromethane	0.24	0.73	0.24	0.11	**U**
79-01-6	Trichloroethene	**0.64**	0.89	0.30	0.13	**J**
123-91-1	1,4-Dioxane	0.44	1.4	0.44	0.16	**U**
142-82-5	n-Heptane	**1.1**	1.2	0.73	0.20	**J**
108-10-1	4-Methyl-2-pentanone	0.39	2.3	0.39	0.17	**U**
108-88-3	Toluene	**7.3**	1.3	0.42	0.16	
591-78-6	2-Hexanone	0.39	2.3	0.39	0.15	**U**
124-48-1	Dibromochloromethane	0.19	0.57	0.19	0.077	**U**
106-93-4	1,2-Dibromoethane	0.21	0.64	0.21	0.076	**U**
127-18-4	Tetrachloroethene	**0.78**	0.72	0.24	0.096	
100-41-4	Ethylbenzene	**2.1**	1.1	0.37	0.16	
179601-23-1	m,p-Xylenes	**9.4**	2.2	0.74	0.30	
75-25-2	Bromoform	0.29	0.48	0.29	0.10	**U**
100-42-5	Styrene	0.71	1.1	0.71	0.19	**U**
95-47-6	o-Xylene	**3.4**	1.1	0.37	0.17	
108-67-8	1,3,5-Trimethylbenzene	**3.2**	1.0	0.33	0.15	
95-63-6	1,2,4-Trimethylbenzene	**14**	0.99	0.33	0.14	
120-82-1	1,2,4-Trichlorobenzene	0.41	1.3	0.41	0.16	**U**
91-20-3	Naphthalene	**1.1**	0.93	0.56	0.23	
1330-20-7	Xylenes, Total	**13**	2.2	0.74	0.30	

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00527

Initial Pressure (psig): -3.72 Final Pressure (psig): 7.02

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.49**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**150**	5.2	3.2	0.87	**D**
74-87-3	Chloromethane	0.77	1.2	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**1.5**	14	2.2	0.97	**J**
67-64-1	Acetone	5.6	11	5.6	2.5	**U**
75-69-4	Trichlorofluoromethane	**14**	0.45	0.28	0.071	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.44	**U**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**23**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**3.4**	1.6	0.86	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.43**	1.7	0.54	0.18	**J**
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	**0.27**	0.73	0.45	0.15	**J**
67-66-3	Chloroform	**19**	0.54	0.17	0.072	
109-99-9	Tetrahydrofuran (THF)	**3.7**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.072	**U**
71-43-2	Benzene	**0.64**	0.81	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**43**	0.40	0.13	0.058	

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D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00527

Initial Pressure (psig): -3.72 Final Pressure (psig): 7.02

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.27**	1.4	0.49	0.22	**J**
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	**7.9**	0.47	0.16	0.066	
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.087	**U**
142-82-5	n-Heptane	**0.53**	0.63	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.088	**U**
108-88-3	Toluene	**3.3**	0.68	0.22	0.085	
591-78-6	2-Hexanone	0.21	1.2	0.21	0.080	**U**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.51**	0.38	0.12	0.050	
100-41-4	Ethylbenzene	**0.94**	0.59	0.19	0.086	
179601-23-1	m,p-Xylenes	**4.5**	1.1	0.39	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	**1.5**	0.60	0.19	0.088	
108-67-8	1,3,5-Trimethylbenzene	**1.3**	0.53	0.17	0.078	
95-63-6	1,2,4-Trimethylbenzene	**5.4**	0.52	0.17	0.075	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	**2.0**	0.49	0.29	0.12	
1330-20-7	Xylenes, Total	**6.0**	1.1	0.39	0.16	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00070 Liter(s)
Test Notes:
Container ID: 1SS00827

Initial Pressure (psig): -4.05 Final Pressure (psig): 7.88

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,700**	920	560	230	
75-71-8	Dichlorodifluoromethane (CFC 12)	**110**	320	200	53	**J**
74-87-3	Chloromethane	470	760	470	130	**U**
75-01-4	Vinyl Chloride	200	630	200	68	**U**
106-99-0	1,3-Butadiene	440	710	440	120	**U**
75-00-3	Chloroethane	370	600	370	76	**U**
64-17-5	Ethanol	**3,100**	8,500	1,300	590	**J**
67-64-1	Acetone	3,400	6,600	3,400	1,500	**U**
75-69-4	Trichlorofluoromethane	170	270	170	44	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	780	1,200	780	270	**U**
75-09-2	Methylene Chloride	280	450	280	130	**U**
76-13-1	Trichlorotrifluoroethane	**37**	210	67	30	**J**
75-15-0	Carbon Disulfide	530	970	530	160	**U**
75-34-3	1,1-Dichloroethane	250	400	250	58	**U**
78-93-3	2-Butanone (MEK)	330	1,000	330	110	**U**
141-78-6	Ethyl Acetate	550	840	550	240	**U**
110-54-3	n-Hexane	**40,000**	450	280	95	
67-66-3	Chloroform	110	330	110	44	**U**
109-99-9	Tetrahydrofuran (THF)	170	1,000	170	69	**U**
107-06-2	1,2-Dichloroethane	130	390	130	44	**U**
71-43-2	Benzene	**1,300**	490	160	73	
56-23-5	Carbon Tetrachloride	82	250	82	36	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00070 Liter(s)
Test Notes:
Container ID: 1SS00827

Initial Pressure (psig): -4.05 Final Pressure (psig): 7.88

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**88,000**		880	300	130	
75-27-4	Bromodichloromethane		77	240	77	35	**U**
79-01-6	Trichloroethene		96	290	96	41	**U**
123-91-1	1,4-Dioxane		140	440	140	53	**U**
142-82-5	n-Heptane	**53,000**		380	240	63	
108-10-1	4-Methyl-2-pentanone		130	740	130	54	**U**
108-88-3	Toluene	**98**		420	140	52	**J**
591-78-6	2-Hexanone		130	740	130	49	**U**
124-48-1	Dibromochloromethane		60	180	60	25	**U**
106-93-4	1,2-Dibromoethane		67	210	67	24	**U**
127-18-4	Tetrachloroethene		76	230	76	31	**U**
100-41-4	Ethylbenzene	**1,100**		360	120	52	
179601-23-1	m,p-Xylenes	**2,100**		700	240	98	
75-25-2	Bromoform		94	160	94	32	**U**
100-42-5	Styrene		230	370	230	61	**U**
95-47-6	o-Xylene		120	370	120	54	**U**
108-67-8	1,3,5-Trimethylbenzene	**340**		330	100	47	
95-63-6	1,2,4-Trimethylbenzene	**420**		320	100	46	
120-82-1	1,2,4-Trichlorobenzene		130	410	130	53	**U**
91-20-3	Naphthalene		180	300	180	75	**U**
1330-20-7	Xylenes, Total	**2,100**		700	240	98	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00035 Liter(s)
Test Notes:
Container ID: 1SS00504

Initial Pressure (psig): -4.48 Final Pressure (psig): 6.53

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6,200**	1,800	1,100	450	
75-71-8	Dichlorodifluoromethane (CFC 12)	**360**	630	380	100	**J**
74-87-3	Chloromethane	920	1,500	920	250	**U**
75-01-4	Vinyl Chloride	400	1,200	400	130	**U**
106-99-0	1,3-Butadiene	860	1,400	860	240	**U**
75-00-3	Chloroethane	720	1,200	720	150	**U**
64-17-5	Ethanol	2,600	17,000	2,600	1,200	**U**
67-64-1	Acetone	6,800	13,000	6,800	3,000	**U**
75-69-4	Trichlorofluoromethane	340	540	340	86	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,500	2,400	1,500	530	**U**
75-09-2	Methylene Chloride	550	890	550	260	**U**
76-13-1	Trichlorotrifluoroethane	130	410	130	59	**U**
75-15-0	Carbon Disulfide	1,000	1,900	1,000	310	**U**
75-34-3	1,1-Dichloroethane	480	790	480	110	**U**
78-93-3	2-Butanone (MEK)	650	2,000	650	220	**U**
141-78-6	Ethyl Acetate	1,100	1,600	1,100	460	**U**
110-54-3	n-Hexane	**130,000**	880	540	190	
67-66-3	Chloroform	210	650	210	86	**U**
109-99-9	Tetrahydrofuran (THF)	340	2,000	340	140	**U**
107-06-2	1,2-Dichloroethane	250	760	250	87	**U**
71-43-2	Benzene	**19,000**	970	320	140	
56-23-5	Carbon Tetrachloride	160	480	160	70	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00035 Liter(s)
Test Notes:
Container ID: 1SS00504

Initial Pressure (psig): -4.48 Final Pressure (psig): 6.53

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**120,000**		1,700	590	260	
75-27-4	Bromodichloromethane		150	460	150	68	**U**
79-01-6	Trichloroethene		190	560	190	80	**U**
123-91-1	1,4-Dioxane		280	860	280	100	**U**
142-82-5	n-Heptane	**95,000**		750	460	120	
108-10-1	4-Methyl-2-pentanone		250	1,500	250	110	**U**
108-88-3	Toluene	**78,000**		820	270	100	
591-78-6	2-Hexanone		250	1,500	250	96	**U**
124-48-1	Dibromochloromethane		120	360	120	49	**U**
106-93-4	1,2-Dibromoethane	**160**		400	130	48	**J**
127-18-4	Tetrachloroethene		150	460	150	60	**U**
100-41-4	Ethylbenzene	**3,100**		710	230	100	
179601-23-1	m,p-Xylenes	**33,000**		1,400	470	190	
75-25-2	Bromoform		180	300	180	63	**U**
100-42-5	Styrene		450	730	450	120	**U**
95-47-6	o-Xylene	**11,000**		730	230	110	
108-67-8	1,3,5-Trimethylbenzene	**830**		640	210	93	
95-63-6	1,2,4-Trimethylbenzene	**680**		630	210	89	
120-82-1	1,2,4-Trichlorobenzene		260	800	260	100	**U**
91-20-3	Naphthalene		350	590	350	150	**U**
1330-20-7	Xylenes, Total	**44,000**		1,400	470	190	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.000075 Liter(s)
Container ID: 1SS00881

Initial Pressure (psig): -3.17 Final Pressure (psig): 7.30

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**17,000**		2,300	1,400	580	
75-71-8	Dichlorodifluoromethane (CFC 12)	**570**		800	490	130	**J**
74-87-3	Chloromethane		1,200	1,900	1,200	320	**U**
75-01-4	Vinyl Chloride		510	1,600	510	170	**U**
106-99-0	1,3-Butadiene		1,100	1,800	1,100	300	**U**
75-00-3	Chloroethane		930	1,500	930	190	**U**
64-17-5	Ethanol	**8,300**		21,000	3,400	1,500	**J**
67-64-1	Acetone		8,700	17,000	8,700	3,900	**U**
75-69-4	Trichlorofluoromethane		440	690	440	110	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,200**		3,100	2,000	680	**J**
75-09-2	Methylene Chloride		700	1,100	700	330	**U**
76-13-1	Trichlorotrifluoroethane		170	530	170	76	**U**
75-15-0	Carbon Disulfide	**440**		2,500	1,300	390	**J**
75-34-3	1,1-Dichloroethane		620	1,000	620	150	**U**
78-93-3	2-Butanone (MEK)		830	2,600	830	290	**U**
141-78-6	Ethyl Acetate		1,400	2,100	1,400	590	**U**
110-54-3	n-Hexane	**210,000**		1,100	690	240	
67-66-3	Chloroform		270	830	270	110	**U**
109-99-9	Tetrahydrofuran (THF)		440	2,600	440	170	**U**
107-06-2	1,2-Dichloroethane		320	980	320	110	**U**
71-43-2	Benzene	**10,000**		1,200	410	180	
56-23-5	Carbon Tetrachloride		210	620	210	90	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV128-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.000075 Liter(s)
Container ID: 1SS00881

Initial Pressure (psig): -3.17 Final Pressure (psig): 7.30

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**300,000**		2,200	750	330	
75-27-4	Bromodichloromethane		190	590	190	88	**U**
79-01-6	Trichloroethene	**190**		730	240	100	**J**
123-91-1	1,4-Dioxane		360	1,100	360	130	**U**
142-82-5	n-Heptane	**470,000**		3,200	2,000	530	**D**
108-10-1	4-Methyl-2-pentanone		320	1,900	320	140	**U**
108-88-3	Toluene	**53,000**		1,100	340	130	
591-78-6	2-Hexanone		320	1,900	320	120	**U**
124-48-1	Dibromochloromethane		150	470	150	63	**U**
106-93-4	1,2-Dibromoethane	**620**		520	170	62	
127-18-4	Tetrachloroethene		190	590	190	78	**U**
100-41-4	Ethylbenzene	**3,900**		920	300	130	
179601-23-1	m,p-Xylenes	**72,000**		1,800	600	250	
75-25-2	Bromoform		240	390	240	81	**U**
100-42-5	Styrene		570	930	570	150	**U**
95-47-6	o-Xylene	**19,000**		930	300	140	
108-67-8	1,3,5-Trimethylbenzene	**1,000**		820	260	120	
95-63-6	1,2,4-Trimethylbenzene	**1,100**		810	260	120	
120-82-1	1,2,4-Trichlorobenzene		330	1,000	330	130	**U**
91-20-3	Naphthalene		450	760	450	190	**U**
1330-20-7	Xylenes, Total	**91,000**		1,800	600	250	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00877

Initial Pressure (psig): -4.42 Final Pressure (psig): 9.08

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.99**	1.7	1.1	0.44	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.65**	0.61	0.37	0.10	
74-87-3	Chloromethane	**1.4**	1.5	0.90	0.24	**J**
75-01-4	Vinyl Chloride	0.38	1.2	0.38	0.13	**U**
106-99-0	1,3-Butadiene	0.84	1.4	0.84	0.23	**U**
75-00-3	Chloroethane	**0.21**	1.1	0.70	0.14	**J**
64-17-5	Ethanol	**8.5**	16	2.5	1.1	**J**
67-64-1	Acetone	**13**	13	6.6	2.9	
75-69-4	Trichlorofluoromethane	**0.24**	0.52	0.33	0.083	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.81**	2.4	1.5	0.52	**J, V**
75-09-2	Methylene Chloride	0.53	0.86	0.53	0.25	**U**
76-13-1	Trichlorotrifluoroethane	**1.0**	0.40	0.13	0.057	
75-15-0	Carbon Disulfide	**0.71**	1.9	1.0	0.30	**J**
75-34-3	1,1-Dichloroethane	0.47	0.77	0.47	0.11	**U**
78-93-3	2-Butanone (MEK)	**3.8**	2.0	0.63	0.22	
141-78-6	Ethyl Acetate	1.0	1.6	1.0	0.45	**U**
110-54-3	n-Hexane	0.52	0.85	0.52	0.18	**U**
67-66-3	Chloroform	**0.22**	0.63	0.20	0.084	**J**
109-99-9	Tetrahydrofuran (THF)	**1.6**	2.0	0.33	0.13	**J**
107-06-2	1,2-Dichloroethane	0.24	0.74	0.24	0.084	**U**
71-43-2	Benzene	**0.25**	0.94	0.31	0.14	**J**
56-23-5	Carbon Tetrachloride	**0.24**	0.47	0.16	0.068	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00877

Initial Pressure (psig): -4.42 Final Pressure (psig): 9.08

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.57	1.7	0.57	0.25	**U**
75-27-4	Bromodichloromethane	0.15	0.45	0.15	0.066	**U**
79-01-6	Trichloroethene	**34**	0.55	0.18	0.077	
123-91-1	1,4-Dioxane	0.27	0.83	0.27	0.10	**U**
142-82-5	n-Heptane	0.45	0.73	0.45	0.12	**U**
108-10-1	4-Methyl-2-pentanone	0.24	1.4	0.24	0.10	**U**
108-88-3	Toluene	**0.42**	0.80	0.26	0.10	**J**
591-78-6	2-Hexanone	**0.36**	1.4	0.24	0.093	**J**
124-48-1	Dibromochloromethane	0.12	0.35	0.12	0.047	**U**
106-93-4	1,2-Dibromoethane	0.13	0.39	0.13	0.047	**U**
127-18-4	Tetrachloroethene	**1.3**	0.44	0.14	0.059	
100-41-4	Ethylbenzene	0.23	0.69	0.23	0.10	**U**
179601-23-1	m,p-Xylenes	**0.27**	1.3	0.45	0.19	**J**
75-25-2	Bromoform	0.18	0.30	0.18	0.061	**U**
100-42-5	Styrene	0.43	0.71	0.43	0.12	**U**
95-47-6	o-Xylene	**0.11**	0.70	0.23	0.10	**J**
108-67-8	1,3,5-Trimethylbenzene	0.20	0.62	0.20	0.090	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.088**	0.61	0.20	0.087	**J**
120-82-1	1,2,4-Trichlorobenzene	0.25	0.78	0.25	0.10	**U**
91-20-3	Naphthalene	0.34	0.57	0.34	0.14	**U**
1330-20-7	Xylenes, Total	**0.38**	1.3	0.45	0.19	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00875

Initial Pressure (psig): -3.13 Final Pressure (psig): 8.02

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.44**	1.5	0.91	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.66**	0.52	0.32	0.086	
74-87-3	Chloromethane	0.76	1.2	0.76	0.20	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.19	**U**
75-00-3	Chloroethane	0.59	0.97	0.59	0.12	**U**
64-17-5	Ethanol	**2.9**	14	2.2	0.96	**J**
67-64-1	Acetone	**8.6**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.25**	0.44	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.44	**U**
75-09-2	Methylene Chloride	0.45	0.73	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**1.2**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**3.2**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.7	0.53	0.18	**J**
141-78-6	Ethyl Acetate	0.88	1.4	0.88	0.38	**U**
110-54-3	n-Hexane	0.45	0.72	0.45	0.15	**U**
67-66-3	Chloroform	**0.21**	0.53	0.17	0.071	**J**
109-99-9	Tetrahydrofuran (THF)	**0.57**	1.7	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.63	0.21	0.071	**U**
71-43-2	Benzene	0.26	0.80	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**0.30**	0.40	0.13	0.058	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00875

Initial Pressure (psig): -3.13 Final Pressure (psig): 8.02

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.38	0.12	0.056	**U**
79-01-6	Trichloroethene	**43**	0.47	0.16	0.066	
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.086	**U**
142-82-5	n-Heptane	0.38	0.62	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.087	**U**
108-88-3	Toluene	**0.23**	0.68	0.22	0.085	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.079	**U**
124-48-1	Dibromochloromethane	0.098	0.30	0.098	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**1.6**	0.38	0.12	0.050	
100-41-4	Ethylbenzene	0.19	0.59	0.19	0.085	**U**
179601-23-1	m,p-Xylenes	0.38	1.1	0.38	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.099	**U**
95-47-6	o-Xylene	0.19	0.60	0.19	0.087	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.38	1.1	0.38	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-170-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SS00899

Initial Pressure (psig): -4.51 Final Pressure (psig): 6.92

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.6	2.6	1.6	0.64	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.76**	0.89	0.55	0.15	**J**
74-87-3	Chloromethane	1.3	2.1	1.3	0.35	**U**
75-01-4	Vinyl Chloride	0.56	1.8	0.56	0.19	**U**
106-99-0	1,3-Butadiene	1.2	2.0	1.2	0.34	**U**
75-00-3	Chloroethane	1.0	1.7	1.0	0.21	**U**
64-17-5	Ethanol	**1.7**	24	3.7	1.7	**J**
67-64-1	Acetone	9.6	19	9.6	4.3	**U**
75-69-4	Trichlorofluoromethane	**0.26**	0.77	0.48	0.12	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.2	3.5	2.2	0.76	**U**
75-09-2	Methylene Chloride	0.78	1.3	0.78	0.37	**U**
76-13-1	Trichlorotrifluoroethane	**2.1**	0.59	0.19	0.084	
75-15-0	Carbon Disulfide	**3.5**	2.7	1.5	0.44	
75-34-3	1,1-Dichloroethane	0.69	1.1	0.69	0.16	**U**
78-93-3	2-Butanone (MEK)	0.92	2.9	0.92	0.32	**U**
141-78-6	Ethyl Acetate	1.5	2.4	1.5	0.66	**U**
110-54-3	n-Hexane	0.77	1.3	0.77	0.26	**U**
67-66-3	Chloroform	**0.30**	0.92	0.30	0.12	**J**
109-99-9	Tetrahydrofuran (THF)	**4.5**	2.9	0.49	0.19	
107-06-2	1,2-Dichloroethane	0.36	1.1	0.36	0.12	**U**
71-43-2	Benzene	**0.27**	1.4	0.45	0.20	**J**
56-23-5	Carbon Tetrachloride	**0.73**	0.69	0.23	0.10	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-170-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SS00899

Initial Pressure (psig): -4.51 Final Pressure (psig): 6.92

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.84	2.5	0.84	0.37	**U**
75-27-4	Bromodichloromethane	0.22	0.66	0.22	0.098	**U**
79-01-6	Trichloroethene	**140**	0.81	0.27	0.11	
123-91-1	1,4-Dioxane	0.40	1.2	0.40	0.15	**U**
142-82-5	n-Heptane	**0.31**	1.1	0.66	0.18	**J**
108-10-1	4-Methyl-2-pentanone	0.35	2.1	0.35	0.15	**U**
108-88-3	Toluene	**0.72**	1.2	0.38	0.15	**J**
591-78-6	2-Hexanone	0.35	2.1	0.35	0.14	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.19	0.57	0.19	0.068	**U**
127-18-4	Tetrachloroethene	**3.8**	0.65	0.21	0.086	
100-41-4	Ethylbenzene	0.33	1.0	0.33	0.15	**U**
179601-23-1	m,p-Xylenes	**0.52**	2.0	0.66	0.27	**J**
75-25-2	Bromoform	0.26	0.43	0.26	0.090	**U**
100-42-5	Styrene	0.64	1.0	0.64	0.17	**U**
95-47-6	o-Xylene	**0.30**	1.0	0.33	0.15	**J**
108-67-8	1,3,5-Trimethylbenzene	0.29	0.91	0.29	0.13	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.15**	0.90	0.29	0.13	**J**
120-82-1	1,2,4-Trichlorobenzene	0.37	1.1	0.37	0.15	**U**
91-20-3	Naphthalene	0.50	0.84	0.50	0.21	**U**
1330-20-7	Xylenes, Total	**0.82**	2.0	0.66	0.27	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-612** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Analyzed: 4/26/21 & 5/4/21
Analyst: Topacio Zavala/Wida Ang Volume(s) Analyzed: 0.40 Liter(s)
Sampling Media: 1.0 L Summa Canister 0.040 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 6.88
Initial Pressure 2 (psig): -1.47 Final Pressure 2 (psig): 2.13

Container Dilution Factor: 1.87
Container Dilution Factor 2: 2.38

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.92**		1.4	0.87	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.45**		0.49	0.30	0.082	**J**
74-87-3	Chloromethane	**0.34**		1.2	0.72	0.19	**J**
75-01-4	Vinyl Chloride		0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene		0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane		0.57	0.92	0.57	0.12	**U**
64-17-5	Ethanol	**23**		13	2.1	0.92	
67-64-1	Acetone	**19**		10	5.3	2.4	
75-69-4	Trichlorofluoromethane	**0.17**		0.42	0.27	0.067	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.4**		1.9	1.2	0.42	
75-09-2	Methylene Chloride	**0.52**		0.70	0.43	0.20	**J**
76-13-1	Trichlorotrifluoroethane	**1.4**		0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**5.5**		1.5	0.81	0.24	
75-34-3	1,1-Dichloroethane		0.38	0.62	0.38	0.090	**U**
78-93-3	2-Butanone (MEK)	**2.2**		1.6	0.51	0.17	
141-78-6	Ethyl Acetate	**26**		1.3	0.84	0.36	
110-54-3	n-Hexane	**0.78**		0.69	0.42	0.15	
67-66-3	Chloroform	**0.61**		0.51	0.16	0.068	
109-99-9	Tetrahydrofuran (THF)	**3.8**		1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane		0.20	0.60	0.20	0.068	**U**
71-43-2	Benzene	**1.1**		0.76	0.25	0.11	
56-23-5	Carbon Tetrachloride	**1.1**		0.38	0.13	0.055	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-612** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Analyzed: 4/26/21 & 5/4/21
Analyst: Topacio Zavala/Wida Ang Volume(s) Analyzed: 0.40 Liter(s)
Sampling Media: 1.0 L Summa Canister 0.040 Liter(s)
Test Notes:
Container ID: 1SC00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 6.88
Initial Pressure 2 (psig): -1.47 Final Pressure 2 (psig): 2.13

Container Dilution Factor: 1.87
Container Dilution Factor 2: 2.38

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.28**		1.4	0.46	0.20	**J**
75-27-4	Bromodichloromethane		0.12	0.36	0.12	0.054	**U**
79-01-6	Trichloroethene	**270**		5.6	1.9	0.80	**D**
123-91-1	1,4-Dioxane		0.22	0.67	0.22	0.082	**U**
142-82-5	n-Heptane	**0.25**		0.59	0.37	0.097	**J**
108-10-1	4-Methyl-2-pentanone		0.19	1.1	0.19	0.083	**U**
108-88-3	Toluene	**6.8**		0.65	0.21	0.081	
591-78-6	2-Hexanone		0.19	1.1	0.19	0.075	**U**
124-48-1	Dibromochloromethane		0.093	0.29	0.093	0.038	**U**
106-93-4	1,2-Dibromoethane		0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**2.3**		0.36	0.12	0.048	
100-41-4	Ethylbenzene	**0.19**		0.56	0.18	0.081	**J**
179601-23-1	m,p-Xylenes	**0.57**		1.1	0.37	0.15	**J**
75-25-2	Bromoform		0.14	0.24	0.14	0.050	**U**
100-42-5	Styrene	**0.11**		0.57	0.35	0.094	**J**
95-47-6	o-Xylene	**0.21**		0.57	0.18	0.083	**J**
108-67-8	1,3,5-Trimethylbenzene		0.16	0.50	0.16	0.073	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.11**		0.49	0.16	0.070	**J**
120-82-1	1,2,4-Trichlorobenzene		0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene		0.28	0.46	0.28	0.12	**U**
1330-20-7	Xylenes, Total	**0.78**		1.1	0.37	0.15	**J**

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00094

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.93**	1.5	0.90	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.45**	0.51	0.31	0.085	**J**
74-87-3	Chloromethane	0.75	1.2	0.75	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**3.8**	14	2.1	0.95	**J**
67-64-1	Acetone	**7.9**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.18**	0.44	0.27	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	2.0	1.2	0.43	
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**1.6**	0.33	0.11	0.048	
75-15-0	Carbon Disulfide	**3.1**	1.6	0.84	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**0.29**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	**3.1**	1.3	0.87	0.38	
110-54-3	n-Hexane	0.44	0.71	0.44	0.15	**U**
67-66-3	Chloroform	**0.70**	0.52	0.17	0.070	
109-99-9	Tetrahydrofuran (THF)	**1.5**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	**1.1**	0.79	0.26	0.12	
56-23-5	Carbon Tetrachloride	**1.3**	0.39	0.13	0.057	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26 - 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00094

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.91

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**310**	4.6	1.5	0.65	**D**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	0.38	0.61	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**0.43**	0.67	0.22	0.083	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	0.096	0.29	0.096	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**2.7**	0.37	0.12	0.049	
100-41-4	Ethylbenzene	0.19	0.58	0.19	0.083	**U**
179601-23-1	m,p-Xylenes	0.38	1.1	0.38	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	0.19	0.59	0.19	0.086	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.52	0.17	0.076	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.51	0.17	0.073	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	0.29	0.48	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.38	1.1	0.38	0.16	**U**

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01218

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.73

Container Dilution Factor: 2.17

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.4**	1.6	1.0	0.41	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.15**	0.57	0.35	0.095	**J**
74-87-3	Chloromethane	**0.69**	1.4	0.84	0.23	**J**
75-01-4	Vinyl Chloride	0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene	0.79	1.3	0.79	0.22	**U**
75-00-3	Chloroethane	0.66	1.1	0.66	0.14	**U**
64-17-5	Ethanol	**28**	15	2.4	1.1	
67-64-1	Acetone	6.2	12	6.2	2.7	**U**
75-69-4	Trichlorofluoromethane	0.31	0.49	0.31	0.078	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	2.2	1.4	0.49	**J**
75-09-2	Methylene Chloride	0.50	0.81	0.50	0.23	**U**
76-13-1	Trichlorotrifluoroethane	**0.22**	0.38	0.12	0.054	**J**
75-15-0	Carbon Disulfide	**3.9**	1.7	0.94	0.28	
75-34-3	1,1-Dichloroethane	0.44	0.72	0.44	0.10	**U**
78-93-3	2-Butanone (MEK)	**6.0**	1.8	0.59	0.20	
141-78-6	Ethyl Acetate	0.98	1.5	0.98	0.42	**U**
110-54-3	n-Hexane	0.49	0.80	0.49	0.17	**U**
67-66-3	Chloroform	**0.99**	0.59	0.19	0.079	
109-99-9	Tetrahydrofuran (THF)	**2.0**	1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane	0.23	0.70	0.23	0.079	**U**
71-43-2	Benzene	**1.7**	0.88	0.29	0.13	
56-23-5	Carbon Tetrachloride	**0.32**	0.44	0.15	0.064	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01218

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.73

Container Dilution Factor: 2.17

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.54	1.6	0.54	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.062	**U**
79-01-6	Trichloroethene	**95**	0.52	0.17	0.073	
123-91-1	1,4-Dioxane	0.26	0.78	0.26	0.095	**U**
142-82-5	n-Heptane	0.42	0.69	0.42	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.3	0.23	0.097	**U**
108-88-3	Toluene	**0.25**	0.75	0.24	0.094	**J**
591-78-6	2-Hexanone	**0.59**	1.3	0.23	0.087	**J**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.045	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.044	**U**
127-18-4	Tetrachloroethene	**0.33**	0.42	0.14	0.055	**J**
100-41-4	Ethylbenzene	0.21	0.65	0.21	0.094	**U**
179601-23-1	m,p-Xylenes	0.42	1.2	0.42	0.17	**U**
75-25-2	Bromoform	0.17	0.28	0.17	0.058	**U**
100-42-5	Styrene	0.41	0.66	0.41	0.11	**U**
95-47-6	o-Xylene	0.21	0.66	0.21	0.096	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.59	0.19	0.085	**U**
95-63-6	1,2,4-Trimethylbenzene	0.19	0.57	0.19	0.082	**U**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.73	0.23	0.095	**U**
91-20-3	Naphthalene	0.32	0.54	0.32	0.13	**U**
1330-20-7	Xylenes, Total	0.42	1.2	0.42	0.17	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01158

Initial Pressure (psig): -4.17 Final Pressure (psig): 6.44

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**180**	20	12	5.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.1**	7.0	4.3	1.2	**J**
74-87-3	Chloromethane	**8.2**	17	10	2.8	**J**
75-01-4	Vinyl Chloride	4.5	14	4.5	1.5	**U**
106-99-0	1,3-Butadiene	9.7	16	9.7	2.7	**U**
75-00-3	Chloroethane	8.1	13	8.1	1.7	**U**
64-17-5	Ethanol	**1,200**	190	30	13	
67-64-1	Acetone	76	150	76	34	**U**
75-69-4	Trichlorofluoromethane	**1.8**	6.1	3.8	0.97	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**17**	27	17	6.0	**J**
75-09-2	Methylene Chloride	**38**	10	6.2	2.9	
76-13-1	Trichlorotrifluoroethane	1.5	4.6	1.5	0.66	**U**
75-15-0	Carbon Disulfide	**30**	22	12	3.4	
75-34-3	1,1-Dichloroethane	5.5	8.9	5.5	1.3	**U**
78-93-3	2-Butanone (MEK)	**51**	23	7.3	2.5	
141-78-6	Ethyl Acetate	**68**	19	12	5.2	
110-54-3	n-Hexane	**420**	9.9	6.1	2.1	
67-66-3	Chloroform	2.3	7.3	2.3	0.97	**U**
109-99-9	Tetrahydrofuran (THF)	**11**	23	3.9	1.5	**J**
107-06-2	1,2-Dichloroethane	2.8	8.6	2.8	0.98	**U**
71-43-2	Benzene	**660**	11	3.6	1.6	
56-23-5	Carbon Tetrachloride	1.8	5.4	1.8	0.79	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV133-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01158

Initial Pressure (psig): -4.17 Final Pressure (psig): 6.44

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**800**	19	6.6	2.9	
75-27-4	Bromodichloromethane	1.7	5.2	1.7	0.77	**U**
79-01-6	Trichloroethene	**38**	6.4	2.1	0.90	
123-91-1	1,4-Dioxane	3.2	9.7	3.2	1.2	**U**
142-82-5	n-Heptane	**200**	8.5	5.2	1.4	
108-10-1	4-Methyl-2-pentanone	2.8	16	2.8	1.2	**U**
108-88-3	Toluene	**220**	9.2	3.0	1.2	
591-78-6	2-Hexanone	2.8	16	2.8	1.1	**U**
124-48-1	Dibromochloromethane	1.3	4.1	1.3	0.55	**U**
106-93-4	1,2-Dibromoethane	1.5	4.5	1.5	0.54	**U**
127-18-4	Tetrachloroethene	**1.2**	5.1	1.7	0.68	**J**
100-41-4	Ethylbenzene	**12**	8.0	2.6	1.2	
179601-23-1	m,p-Xylenes	**26**	15	5.2	2.2	
75-25-2	Bromoform	2.1	3.4	2.1	0.71	**U**
100-42-5	Styrene	5.0	8.2	5.0	1.4	**U**
95-47-6	o-Xylene	**19**	8.2	2.6	1.2	
108-67-8	1,3,5-Trimethylbenzene	**4.6**	7.2	2.3	1.0	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.6**	7.1	2.3	1.0	**J**
120-82-1	1,2,4-Trichlorobenzene	2.9	9.0	2.9	1.2	**U**
91-20-3	Naphthalene	4.0	6.6	4.0	1.7	**U**
1330-20-7	Xylenes, Total	**45**	15	5.2	2.2	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00790

Initial Pressure (psig): -3.20 Final Pressure (psig): 7.77
Initial Pressure 2 (psig): -1.67 Final Pressure 2 (psig): 5.61

Container Dilution Factor: 3.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.97**	2.3	1.4	0.58	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.49**	0.80	0.49	0.13	**J**
74-87-3	Chloromethane	1.2	1.9	1.2	0.32	**U**
75-01-4	Vinyl Chloride	0.51	1.6	0.51	0.17	**U**
106-99-0	1,3-Butadiene	1.1	1.8	1.1	0.30	**U**
75-00-3	Chloroethane	0.93	1.5	0.93	0.19	**U**
64-17-5	Ethanol	**9.2**	21	3.4	1.5	**J**
67-64-1	Acetone	**16**	17	8.7	3.9	**J**
75-69-4	Trichlorofluoromethane	**0.23**	0.69	0.43	0.11	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.96**	3.1	2.0	0.68	**J**
75-09-2	Methylene Chloride	0.70	1.1	0.70	0.33	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	1.3	2.4	1.3	0.39	**U**
75-34-3	1,1-Dichloroethane	0.62	1.0	0.62	0.15	**U**
78-93-3	2-Butanone (MEK)	**3.3**	2.6	0.83	0.28	
141-78-6	Ethyl Acetate	1.4	2.1	1.4	0.59	**U**
110-54-3	n-Hexane	0.69	1.1	0.69	0.24	**U**
67-66-3	Chloroform	**1.2**	0.83	0.27	0.11	
109-99-9	Tetrahydrofuran (THF)	0.44	2.6	0.44	0.17	**U**
107-06-2	1,2-Dichloroethane	0.32	0.98	0.32	0.11	**U**
71-43-2	Benzene	**0.25**	1.2	0.41	0.18	**J**
56-23-5	Carbon Tetrachloride	0.21	0.62	0.21	0.090	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00790

Initial Pressure (psig): -3.20 Final Pressure (psig): 7.77
Initial Pressure 2 (psig): -1.67 Final Pressure 2 (psig): 5.61

Container Dilution Factor: 3.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.75	2.2	0.75	0.33	**U**
75-27-4	Bromodichloromethane	**0.21**	0.59	0.19	0.088	**J**
79-01-6	Trichloroethene	0.24	0.72	0.24	0.10	**U**
123-91-1	1,4-Dioxane	0.36	1.1	0.36	0.13	**U**
142-82-5	n-Heptane	0.60	0.97	0.60	0.16	**U**
108-10-1	4-Methyl-2-pentanone	0.32	1.9	0.32	0.14	**U**
108-88-3	Toluene	**0.37**	1.1	0.34	0.13	**J**
591-78-6	2-Hexanone	**0.66**	1.9	0.32	0.12	**J**
124-48-1	Dibromochloromethane	0.15	0.47	0.15	0.063	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.19	0.58	0.19	0.078	**U**
100-41-4	Ethylbenzene	0.30	0.91	0.30	0.13	**U**
179601-23-1	m,p-Xylenes	**0.27**	1.8	0.60	0.25	**J**
75-25-2	Bromoform	0.24	0.39	0.24	0.081	**U**
100-42-5	Styrene	0.57	0.93	0.57	0.15	**U**
95-47-6	o-Xylene	0.30	0.93	0.30	0.14	**U**
108-67-8	1,3,5-Trimethylbenzene	0.26	0.82	0.26	0.12	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.30**	0.81	0.26	0.11	**J**
120-82-1	1,2,4-Trichlorobenzene	0.33	1.0	0.33	0.13	**U**
91-20-3	Naphthalene	**0.26**	0.76	0.45	0.19	**J**
1330-20-7	Xylenes, Total	**0.27**	1.8	0.60	0.25	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.04 Final Pressure (psig): 6.48
Initial Pressure 2 (psig): -5.63 Final Pressure 2 (psig): 5.04

Container Dilution Factor: 3.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.8	3.0	1.8	0.75	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**	1.0	0.64	0.17	**J**
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.66	2.0	0.66	0.22	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.2	1.9	1.2	0.25	**U**
64-17-5	Ethanol	**8.1**	28	4.4	1.9	**J**
67-64-1	Acetone	**6.3**	22	11	5.0	**J**
75-69-4	Trichlorofluoromethane	**0.26**	0.90	0.56	0.14	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.5	4.0	2.5	0.88	**U**
75-09-2	Methylene Chloride	0.91	1.5	0.91	0.43	**U**
76-13-1	Trichlorotrifluoroethane	0.22	0.68	0.22	0.098	**U**
75-15-0	Carbon Disulfide	1.7	3.2	1.7	0.51	**U**
75-34-3	1,1-Dichloroethane	0.81	1.3	0.81	0.19	**U**
78-93-3	2-Butanone (MEK)	**0.61**	3.3	1.1	0.37	**J**
141-78-6	Ethyl Acetate	1.8	2.7	1.8	0.77	**U**
110-54-3	n-Hexane	0.90	1.5	0.90	0.31	**U**
67-66-3	Chloroform	**1.5**	1.1	0.34	0.14	
109-99-9	Tetrahydrofuran (THF)	0.57	3.3	0.57	0.22	**U**
107-06-2	1,2-Dichloroethane	0.41	1.3	0.41	0.14	**U**
71-43-2	Benzene	0.53	1.6	0.53	0.24	**U**
56-23-5	Carbon Tetrachloride	0.27	0.80	0.27	0.12	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.04 Final Pressure (psig): 6.48
Initial Pressure 2 (psig): -5.63 Final Pressure 2 (psig): 5.04

Container Dilution Factor: 3.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.98	2.9	0.98	0.43	**U**
75-27-4	Bromodichloromethane	**0.28**	0.77	0.25	0.11	**J**
79-01-6	Trichloroethene	0.31	0.94	0.31	0.13	**U**
123-91-1	1,4-Dioxane	0.47	1.4	0.47	0.17	**U**
142-82-5	n-Heptane	0.77	1.3	0.77	0.20	**U**
108-10-1	4-Methyl-2-pentanone	0.41	2.4	0.41	0.18	**U**
108-88-3	Toluene	**0.39**	1.4	0.45	0.17	**J**
591-78-6	2-Hexanone	0.41	2.4	0.41	0.16	**U**
124-48-1	Dibromochloromethane	0.20	0.60	0.20	0.081	**U**
106-93-4	1,2-Dibromoethane	0.22	0.67	0.22	0.080	**U**
127-18-4	Tetrachloroethene	0.25	0.76	0.25	0.10	**U**
100-41-4	Ethylbenzene	0.39	1.2	0.39	0.17	**U**
179601-23-1	m,p-Xylenes	**0.34**	2.3	0.77	0.32	**J**
75-25-2	Bromoform	0.31	0.51	0.31	0.11	**U**
100-42-5	Styrene	0.74	1.2	0.74	0.20	**U**
95-47-6	o-Xylene	0.39	1.2	0.39	0.18	**U**
108-67-8	1,3,5-Trimethylbenzene	0.34	1.1	0.34	0.15	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.41**	1.0	0.34	0.15	**J**
120-82-1	1,2,4-Trichlorobenzene	0.43	1.3	0.43	0.17	**U**
91-20-3	Naphthalene	**0.60**	0.98	0.58	0.24	**J**
1330-20-7	Xylenes, Total	**0.34**	2.3	0.77	0.32	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00687

Initial Pressure (psig): -3.27 Final Pressure (psig): 7.23
Initial Pressure 2 (psig): 0.40 Final Pressure 2 (psig): 5.64

Container Dilution Factor: 2.58

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.67**	1.9	1.2	0.49	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.61**	0.68	0.42	0.11	**J**
74-87-3	Chloromethane	1.0	1.6	1.0	0.27	**U**
75-01-4	Vinyl Chloride	0.43	1.3	0.43	0.14	**U**
106-99-0	1,3-Butadiene	0.93	1.5	0.93	0.26	**U**
75-00-3	Chloroethane	0.78	1.3	0.78	0.16	**U**
64-17-5	Ethanol	**3.9**	18	2.8	1.3	**J**
67-64-1	Acetone	**13**	14	7.3	3.3	**J**
75-69-4	Trichlorofluoromethane	**0.45**	0.59	0.37	0.093	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.7	2.6	1.7	0.58	**U**
75-09-2	Methylene Chloride	0.59	0.97	0.59	0.28	**U**
76-13-1	Trichlorotrifluoroethane	**0.12**	0.45	0.14	0.064	**J**
75-15-0	Carbon Disulfide	**1.9**	2.1	1.1	0.33	**J**
75-34-3	1,1-Dichloroethane	0.53	0.86	0.53	0.12	**U**
78-93-3	2-Butanone (MEK)	**1.9**	2.2	0.70	0.24	**J**
141-78-6	Ethyl Acetate	1.2	1.8	1.2	0.50	**U**
110-54-3	n-Hexane	0.59	0.95	0.59	0.20	**U**
67-66-3	Chloroform	**0.24**	0.70	0.22	0.094	**J**
109-99-9	Tetrahydrofuran (THF)	**0.55**	2.2	0.37	0.15	**J**
107-06-2	1,2-Dichloroethane	0.27	0.83	0.27	0.094	**U**
71-43-2	Benzene	0.34	1.1	0.34	0.16	**U**
56-23-5	Carbon Tetrachloride	**0.32**	0.52	0.17	0.076	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-150-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-019

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00687

Initial Pressure (psig): -3.27 Final Pressure (psig): 7.23
Initial Pressure 2 (psig): 0.40 Final Pressure 2 (psig): 5.64

Container Dilution Factor: 2.58

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.64	1.9	0.64	0.28	**U**
75-27-4	Bromodichloromethane	0.16	0.50	0.16	0.074	**U**
79-01-6	Trichloroethene	0.20	0.61	0.20	0.086	**U**
123-91-1	1,4-Dioxane	0.30	0.93	0.30	0.11	**U**
142-82-5	n-Heptane	0.50	0.82	0.50	0.13	**U**
108-10-1	4-Methyl-2-pentanone	0.27	1.6	0.27	0.11	**U**
108-88-3	Toluene	**0.27**	0.89	0.29	0.11	**J**
591-78-6	2-Hexanone	**0.26**	1.6	0.27	0.10	**J**
124-48-1	Dibromochloromethane	0.13	0.39	0.13	0.053	**U**
106-93-4	1,2-Dibromoethane	0.14	0.44	0.14	0.052	**U**
127-18-4	Tetrachloroethene	**0.10**	0.49	0.16	0.066	**J**
100-41-4	Ethylbenzene	0.25	0.77	0.25	0.11	**U**
179601-23-1	m,p-Xylenes	**0.28**	1.5	0.51	0.21	**J**
75-25-2	Bromoform	0.20	0.33	0.20	0.069	**U**
100-42-5	Styrene	0.48	0.79	0.48	0.13	**U**
95-47-6	o-Xylene	0.25	0.79	0.25	0.11	**U**
108-67-8	1,3,5-Trimethylbenzene	0.22	0.70	0.22	0.10	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.37**	0.68	0.22	0.097	**J**
120-82-1	1,2,4-Trichlorobenzene	0.28	0.87	0.28	0.11	**U**
91-20-3	Naphthalene	**0.28**	0.64	0.38	0.16	**J**
1330-20-7	Xylenes, Total	**0.28**	1.5	0.51	0.21	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00959

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.00
Initial Pressure 2 (psig): 0.63 Final Pressure 2 (psig): 5.27

Container Dilution Factor: 2.47

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.1	1.9	1.1	0.47	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.50**	0.65	0.40	0.11	**J**
74-87-3	Chloromethane	0.96	1.6	0.96	0.26	**U**
75-01-4	Vinyl Chloride	0.41	1.3	0.41	0.14	**U**
106-99-0	1,3-Butadiene	0.89	1.5	0.89	0.25	**U**
75-00-3	Chloroethane	0.75	1.2	0.75	0.15	**U**
64-17-5	Ethanol	**2.9**	17	2.7	1.2	**J**
67-64-1	Acetone	**3.5**	14	7.0	3.1	**J**
75-69-4	Trichlorofluoromethane	**0.48**	0.56	0.35	0.089	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.6	2.5	1.6	0.55	**U**
75-09-2	Methylene Chloride	0.57	0.92	0.57	0.27	**U**
76-13-1	Trichlorotrifluoroethane	**0.13**	0.43	0.14	0.061	**J**
75-15-0	Carbon Disulfide	**1.5**	2.0	1.1	0.32	**J**
75-34-3	1,1-Dichloroethane	0.50	0.82	0.50	0.12	**U**
78-93-3	2-Butanone (MEK)	**0.53**	2.1	0.67	0.23	**J**
141-78-6	Ethyl Acetate	1.1	1.7	1.1	0.48	**U**
110-54-3	n-Hexane	0.56	0.91	0.56	0.19	**U**
67-66-3	Chloroform	0.22	0.67	0.22	0.090	**U**
109-99-9	Tetrahydrofuran (THF)	**0.65**	2.1	0.36	0.14	**J**
107-06-2	1,2-Dichloroethane	0.26	0.79	0.26	0.090	**U**
71-43-2	Benzene	0.33	1.0	0.33	0.15	**U**
56-23-5	Carbon Tetrachloride	**0.49**	0.50	0.17	0.073	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-250-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-020

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00959

Initial Pressure (psig): -3.24 Final Pressure (psig): 7.00
Initial Pressure 2 (psig): 0.63 Final Pressure 2 (psig): 5.27

Container Dilution Factor: 2.47

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.61	1.8	0.61	0.27	**U**
75-27-4	Bromodichloromethane	0.16	0.48	0.16	0.071	**U**
79-01-6	Trichloroethene	0.20	0.59	0.20	0.083	**U**
123-91-1	1,4-Dioxane	0.29	0.89	0.29	0.11	**U**
142-82-5	n-Heptane	0.48	0.78	0.48	0.13	**U**
108-10-1	4-Methyl-2-pentanone	0.26	1.5	0.26	0.11	**U**
108-88-3	Toluene	**0.25**	0.85	0.28	0.11	**J**
591-78-6	2-Hexanone	0.26	1.5	0.26	0.10	**U**
124-48-1	Dibromochloromethane	0.12	0.38	0.12	0.051	**U**
106-93-4	1,2-Dibromoethane	0.14	0.42	0.14	0.050	**U**
127-18-4	Tetrachloroethene	**0.13**	0.47	0.15	0.063	**J**
100-41-4	Ethylbenzene	0.24	0.74	0.24	0.11	**U**
179601-23-1	m,p-Xylenes	**0.27**	1.4	0.48	0.20	**J**
75-25-2	Bromoform	0.19	0.32	0.19	0.066	**U**
100-42-5	Styrene	0.46	0.75	0.46	0.12	**U**
95-47-6	o-Xylene	0.24	0.75	0.24	0.11	**U**
108-67-8	1,3,5-Trimethylbenzene	0.21	0.67	0.21	0.097	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.37**	0.65	0.21	0.093	**J**
120-82-1	1,2,4-Trichlorobenzene	0.27	0.83	0.27	0.11	**U**
91-20-3	Naphthalene	**0.47**	0.61	0.37	0.15	**J**
1330-20-7	Xylenes, Total	**0.27**	1.4	0.48	0.20	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00955

Initial Pressure (psig): -3.78 Final Pressure (psig): 8.20
Initial Pressure 2 (psig): 1.67 Final Pressure 2 (psig): 5.85

Container Dilution Factor: 2.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.2	2.0	1.2	0.50	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.27**	0.69	0.43	0.12	**J**
74-87-3	Chloromethane	1.0	1.7	1.0	0.27	**U**
75-01-4	Vinyl Chloride	0.44	1.4	0.44	0.15	**U**
106-99-0	1,3-Butadiene	0.95	1.5	0.95	0.26	**U**
75-00-3	Chloroethane	0.80	1.3	0.80	0.16	**U**
64-17-5	Ethanol	**6.1**	19	2.9	1.3	**J**
67-64-1	Acetone	**12**	14	7.5	3.3	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.60	0.37	0.095	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.7	2.7	1.7	0.59	**U**
75-09-2	Methylene Chloride	0.61	0.98	0.61	0.28	**U**
76-13-1	Trichlorotrifluoroethane	0.15	0.45	0.15	0.065	**U**
75-15-0	Carbon Disulfide	**2.0**	2.1	1.1	0.34	**J**
75-34-3	1,1-Dichloroethane	0.54	0.88	0.54	0.13	**U**
78-93-3	2-Butanone (MEK)	**1.4**	2.2	0.71	0.25	**J**
141-78-6	Ethyl Acetate	1.2	1.8	1.2	0.51	**U**
110-54-3	n-Hexane	0.60	0.97	0.60	0.21	**U**
67-66-3	Chloroform	0.23	0.71	0.23	0.096	**U**
109-99-9	Tetrahydrofuran (THF)	**2.8**	2.2	0.38	0.15	
107-06-2	1,2-Dichloroethane	0.28	0.85	0.28	0.096	**U**
71-43-2	Benzene	0.35	1.1	0.35	0.16	**U**
56-23-5	Carbon Tetrachloride	**0.25**	0.53	0.18	0.077	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-350-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-021

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00955

Initial Pressure (psig): -3.78 Final Pressure (psig): 8.20
Initial Pressure 2 (psig): 1.67 Final Pressure 2 (psig): 5.85

Container Dilution Factor: 2.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.65	1.9	0.65	0.29	**U**
75-27-4	Bromodichloromethane	0.17	0.51	0.17	0.076	**U**
79-01-6	Trichloroethene	**0.14**	0.62	0.21	0.088	**J**
123-91-1	1,4-Dioxane	0.31	0.95	0.31	0.11	**U**
142-82-5	n-Heptane	0.51	0.83	0.51	0.14	**U**
108-10-1	4-Methyl-2-pentanone	0.27	1.6	0.27	0.12	**U**
108-88-3	Toluene	**0.22**	0.91	0.30	0.11	**J**
591-78-6	2-Hexanone	**0.19**	1.6	0.27	0.11	**J**
124-48-1	Dibromochloromethane	0.13	0.40	0.13	0.054	**U**
106-93-4	1,2-Dibromoethane	0.15	0.45	0.15	0.053	**U**
127-18-4	Tetrachloroethene	0.16	0.50	0.16	0.067	**U**
100-41-4	Ethylbenzene	0.26	0.79	0.26	0.11	**U**
179601-23-1	m,p-Xylenes	0.51	1.5	0.51	0.21	**U**
75-25-2	Bromoform	0.20	0.34	0.20	0.070	**U**
100-42-5	Styrene	0.49	0.80	0.49	0.13	**U**
95-47-6	o-Xylene	0.26	0.80	0.26	0.12	**U**
108-67-8	1,3,5-Trimethylbenzene	0.23	0.71	0.23	0.10	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.28**	0.70	0.23	0.099	**J**
120-82-1	1,2,4-Trichlorobenzene	0.28	0.89	0.28	0.12	**U**
91-20-3	Naphthalene	**0.39**	0.65	0.39	0.16	**J**
1330-20-7	Xylenes, Total	0.51	1.5	0.51	0.21	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -4.22 Final Pressure (psig): 5.92
Initial Pressure 2 (psig): -2.56 Final Pressure 2 (psig): 5.43

Container Dilution Factor: 3.26

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.62	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.48**	0.86	0.53	0.14	**J**
74-87-3	Chloromethane	**14**	2.1	1.3	0.34	
75-01-4	Vinyl Chloride	**2.9**	1.7	0.54	0.18	
106-99-0	1,3-Butadiene	**0.38**	1.9	1.2	0.32	**J**
75-00-3	Chloroethane	**1.5**	1.6	0.99	0.20	**J**
64-17-5	Ethanol	**51**	23	3.6	1.6	
67-64-1	Acetone	**34**	18	9.3	4.1	
75-69-4	Trichlorofluoromethane	**0.28**	0.74	0.46	0.12	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	3.3	2.1	0.73	**J**
75-09-2	Methylene Chloride	**1.1**	1.2	0.75	0.35	**J**
76-13-1	Trichlorotrifluoroethane	0.18	0.56	0.18	0.081	**U**
75-15-0	Carbon Disulfide	**45**	2.6	1.4	0.42	
75-34-3	1,1-Dichloroethane	**0.19**	1.1	0.66	0.16	**J**
78-93-3	2-Butanone (MEK)	**2.6**	2.8	0.88	0.30	**J**
141-78-6	Ethyl Acetate	**0.79**	2.3	1.5	0.63	**J**
110-54-3	n-Hexane	**0.88**	1.2	0.74	0.25	**J**
67-66-3	Chloroform	0.28	0.88	0.28	0.12	**U**
109-99-9	Tetrahydrofuran (THF)	**15**	2.8	0.47	0.19	
107-06-2	1,2-Dichloroethane	**0.28**	1.0	0.34	0.12	**J**
71-43-2	Benzene	**1.3**	1.3	0.43	0.20	**J**
56-23-5	Carbon Tetrachloride	**0.17**	0.66	0.22	0.096	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV136-450-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-022

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -4.22 Final Pressure (psig): 5.92
Initial Pressure 2 (psig): -2.56 Final Pressure 2 (psig): 5.43

Container Dilution Factor: 3.26

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.81	2.4	0.81	0.36	**U**
75-27-4	Bromodichloromethane	0.21	0.63	0.21	0.094	**U**
79-01-6	Trichloroethene	0.26	0.77	0.26	0.11	**U**
123-91-1	1,4-Dioxane	**0.15**	1.2	0.38	0.14	**J**
142-82-5	n-Heptane	**0.34**	1.0	0.64	0.17	**J**
108-10-1	4-Methyl-2-pentanone	0.34	2.0	0.34	0.15	**U**
108-88-3	Toluene	**2.3**	1.1	0.37	0.14	
591-78-6	2-Hexanone	**0.17**	2.0	0.34	0.13	**J**
124-48-1	Dibromochloromethane	0.16	0.50	0.16	0.067	**U**
106-93-4	1,2-Dibromoethane	0.18	0.55	0.18	0.066	**U**
127-18-4	Tetrachloroethene	**26**	0.63	0.20	0.083	
100-41-4	Ethylbenzene	**0.19**	0.98	0.32	0.14	**J**
179601-23-1	m,p-Xylenes	**0.67**	1.9	0.64	0.26	**J**
75-25-2	Bromoform	0.25	0.42	0.25	0.087	**U**
100-42-5	Styrene	0.61	1.0	0.61	0.16	**U**
95-47-6	o-Xylene	**0.22**	0.99	0.32	0.14	**J**
108-67-8	1,3,5-Trimethylbenzene	0.28	0.88	0.28	0.13	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.43**	0.86	0.28	0.12	**J**
120-82-1	1,2,4-Trichlorobenzene	0.35	1.1	0.35	0.14	**U**
91-20-3	Naphthalene	**0.26**	0.81	0.48	0.20	**J**
1330-20-7	Xylenes, Total	**0.89**	1.9	0.64	0.26	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00848

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.19
Initial Pressure 2 (psig): -1.30 Final Pressure 2 (psig): 5.62

Container Dilution Factor: 2.91

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.83**		2.2	1.4	0.55	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.49**		0.77	0.47	0.13	**J**
74-87-3	Chloromethane	**0.67**		1.8	1.1	0.30	**J**
75-01-4	Vinyl Chloride		0.48	1.5	0.48	0.16	**U**
106-99-0	1,3-Butadiene		1.1	1.7	1.1	0.29	**U**
75-00-3	Chloroethane		0.88	1.4	0.88	0.18	**U**
64-17-5	Ethanol	**6.0**		20	3.2	1.4	**J**
67-64-1	Acetone	**7.2**		16	8.3	3.7	**J**
75-69-4	Trichlorofluoromethane	**1.6**		0.66	0.41	0.10	
67-63-0	2-Propanol (Isopropyl Alcohol)		1.9	3.0	1.9	0.65	**U**
75-09-2	Methylene Chloride		0.67	1.1	0.67	0.31	**U**
76-13-1	Trichlorotrifluoroethane	**0.080**		0.50	0.16	0.072	**J**
75-15-0	Carbon Disulfide	**9.3**		2.3	1.3	0.37	
75-34-3	1,1-Dichloroethane		0.59	0.97	0.59	0.14	**U**
78-93-3	2-Butanone (MEK)	**1.0**		2.5	0.79	0.27	**J**
141-78-6	Ethyl Acetate		1.3	2.0	1.3	0.57	**U**
110-54-3	n-Hexane		0.66	1.1	0.66	0.23	**U**
67-66-3	Chloroform	**0.13**		0.79	0.25	0.11	**J**
109-99-9	Tetrahydrofuran (THF)	**0.18**		2.5	0.42	0.17	**J**
107-06-2	1,2-Dichloroethane		0.31	0.94	0.31	0.11	**U**
71-43-2	Benzene	**0.18**		1.2	0.39	0.18	**J**
56-23-5	Carbon Tetrachloride		0.20	0.59	0.20	0.086	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-025-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-023

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00848

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.19
Initial Pressure 2 (psig): -1.30 Final Pressure 2 (psig): 5.62

Container Dilution Factor: 2.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.72	2.1	0.72	0.32	**U**
75-27-4	Bromodichloromethane	0.18	0.56	0.18	0.084	**U**
79-01-6	Trichloroethene	0.23	0.69	0.23	0.098	**U**
123-91-1	1,4-Dioxane	0.34	1.1	0.34	0.13	**U**
142-82-5	n-Heptane	**0.18**	0.92	0.57	0.15	**J**
108-10-1	4-Methyl-2-pentanone	0.30	1.8	0.30	0.13	**U**
108-88-3	Toluene	**1.2**	1.0	0.33	0.13	
591-78-6	2-Hexanone	**0.22**	1.8	0.30	0.12	**J**
124-48-1	Dibromochloromethane	0.15	0.44	0.15	0.060	**U**
106-93-4	1,2-Dibromoethane	0.16	0.49	0.16	0.059	**U**
127-18-4	Tetrachloroethene	0.18	0.56	0.18	0.074	**U**
100-41-4	Ethylbenzene	**0.33**	0.87	0.28	0.13	**J**
179601-23-1	m,p-Xylenes	**1.7**	1.7	0.57	0.23	
75-25-2	Bromoform	0.23	0.37	0.23	0.077	**U**
100-42-5	Styrene	0.55	0.89	0.55	0.15	**U**
95-47-6	o-Xylene	**0.48**	0.89	0.28	0.13	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.43**	0.78	0.25	0.11	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.77	0.25	0.11	
120-82-1	1,2,4-Trichlorobenzene	0.31	0.98	0.31	0.13	**U**
91-20-3	Naphthalene	**1.8**	0.72	0.43	0.18	
1330-20-7	Xylenes, Total	**2.2**	1.7	0.57	0.23	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00062

Initial Pressure (psig): -4.80 Final Pressure (psig): 5.08
Initial Pressure 2 (psig): -1.34 Final Pressure 2 (psig): 5.12

Container Dilution Factor: 2.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.95**	2.2	1.4	0.56	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.60**	0.78	0.48	0.13	**J**
74-87-3	Chloromethane	1.1	1.9	1.1	0.31	**U**
75-01-4	Vinyl Chloride	0.49	1.5	0.49	0.17	**U**
106-99-0	1,3-Butadiene	1.1	1.7	1.1	0.29	**U**
75-00-3	Chloroethane	0.90	1.5	0.90	0.19	**U**
64-17-5	Ethanol	**6.6**	21	3.3	1.5	**J**
67-64-1	Acetone	**14**	16	8.4	3.7	**J**
75-69-4	Trichlorofluoromethane	**2.6**	0.67	0.42	0.11	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.9	3.0	1.9	0.66	**U**
75-09-2	Methylene Chloride	0.68	1.1	0.68	0.32	**U**
76-13-1	Trichlorotrifluoroethane	**0.099**	0.51	0.16	0.073	**J**
75-15-0	Carbon Disulfide	**8.6**	2.4	1.3	0.38	
75-34-3	1,1-Dichloroethane	0.60	0.99	0.60	0.14	**U**
78-93-3	2-Butanone (MEK)	**0.79**	2.5	0.80	0.28	**J**
141-78-6	Ethyl Acetate	1.3	2.1	1.3	0.58	**U**
110-54-3	n-Hexane	0.67	1.1	0.67	0.23	**U**
67-66-3	Chloroform	0.26	0.80	0.26	0.11	**U**
109-99-9	Tetrahydrofuran (THF)	0.43	2.5	0.43	0.17	**U**
107-06-2	1,2-Dichloroethane	0.31	0.95	0.31	0.11	**U**
71-43-2	Benzene	**0.18**	1.2	0.39	0.18	**J**
56-23-5	Carbon Tetrachloride	0.20	0.60	0.20	0.087	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-050-212** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101896-024

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00062

Initial Pressure (psig): -4.80 Final Pressure (psig): 5.08
Initial Pressure 2 (psig): -1.34 Final Pressure 2 (psig): 5.12

Container Dilution Factor: 2.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.73	2.2	0.73	0.32	**U**
75-27-4	Bromodichloromethane	0.19	0.57	0.19	0.085	**U**
79-01-6	Trichloroethene	**0.19**	0.70	0.23	0.099	**J**
123-91-1	1,4-Dioxane	**0.26**	1.1	0.35	0.13	**J**
142-82-5	n-Heptane	0.58	0.94	0.58	0.15	**U**
108-10-1	4-Methyl-2-pentanone	0.31	1.8	0.31	0.13	**U**
108-88-3	Toluene	**0.36**	1.0	0.33	0.13	**J**
591-78-6	2-Hexanone	0.31	1.8	0.31	0.12	**U**
124-48-1	Dibromochloromethane	0.15	0.45	0.15	0.061	**U**
106-93-4	1,2-Dibromoethane	0.16	0.50	0.16	0.060	**U**
127-18-4	Tetrachloroethene	**0.28**	0.57	0.19	0.075	**J**
100-41-4	Ethylbenzene	0.29	0.89	0.29	0.13	**U**
179601-23-1	m,p-Xylenes	**0.34**	1.7	0.58	0.24	**J**
75-25-2	Bromoform	0.23	0.38	0.23	0.079	**U**
100-42-5	Styrene	0.56	0.90	0.56	0.15	**U**
95-47-6	o-Xylene	0.29	0.90	0.29	0.13	**U**
108-67-8	1,3,5-Trimethylbenzene	0.26	0.80	0.26	0.12	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.39**	0.78	0.26	0.11	**J**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.44	0.73	0.44	0.18	**U**
1330-20-7	Xylenes, Total	**0.34**	1.7	0.58	0.24	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101896

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Simon Cao/Topacio Zavala/Wida Ang
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s)
Test Notes:

Date(s) Collected: 4/5 - 4/6/21
Date(s) Received: 4/9/21
Date(s) Analyzed: 4/26 - 5/4/21

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210426-MB	**100**	**105**	**103**	70-130	
Method Blank	P210427-MB	**109**	**102**	**96**	70-130	
Method Blank	P210503-MB	**104**	**102**	**97**	70-130	
Method Blank	P210504-MB	**106**	**102**	**92**	70-130	
Lab Control Sample	P210426-LCS	**101**	**100**	**106**	70-130	
Lab Control Sample	P210427-LCS	**116**	**96**	**92**	70-130	
Lab Control Sample	P210503-LCS	**100**	**98**	**97**	70-130	
Lab Control Sample	P210504-LCS	**102**	**98**	**92**	70-130	
Duplicate Lab Control Sample	P210426-DLCS	**101**	**100**	**106**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**111**	**98**	**96**	70-130	
Duplicate Lab Control Sample	P210503-DLCS	**102**	**97**	**97**	70-130	
Duplicate Lab Control Sample	P210504-DLCS	**101**	**98**	**91**	70-130	
SV127-250-212	P2101896-001	**97**	**102**	**107**	70-130	
SV127-350-212	P2101896-002	**100**	**103**	**105**	70-130	
SV127-450-212	P2101896-003	**101**	**102**	**103**	70-130	
SV128-025-212	P2101896-004	**108**	**102**	**104**	70-130	
SV128-050-212	P2101896-005	**105**	**100**	**103**	70-130	
SV128-150-212	P2101896-006	**102**	**104**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101896

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Simon Cao/Topacio Zavala/Wida Ang
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s)
Test Notes:

Date(s) Collected: 4/5 - 4/6/21
Date(s) Received: 4/9/21
Date(s) Analyzed: 4/26 - 5/4/21

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV128-250-212	P2101896-007	**98**	**99**	**105**	70-130	
SV128-350-212	P2101896-008	**101**	**93**	**98**	70-130	
SV128-450-212	P2101896-009	**100**	**94**	**95**	70-130	
SV133-025-212	P2101896-010	**103**	**101**	**104**	70-130	
SV133-050-212	P2101896-011	**105**	**102**	**103**	70-130	
SV133-170-212	P2101896-012	**103**	**102**	**103**	70-130	
SV133-250-612	P2101896-013	**109**	**101**	**97**	70-130	
SV133-250-212	P2101896-014	**111**	**102**	**96**	70-130	
SV133-350-212	P2101896-015	**115**	**100**	**95**	70-130	
SV133-450-212	P2101896-016	**101**	**101**	**102**	70-130	
SV136-025-212	P2101896-017	**105**	**102**	**93**	70-130	
SV136-050-212	P2101896-018	**106**	**102**	**91**	70-130	
SV136-150-212	P2101896-019	**106**	**102**	**92**	70-130	
SV136-250-212	P2101896-020	**106**	**102**	**92**	70-130	
SV136-350-212	P2101896-021	**106**	**102**	**93**	70-130	
SV136-450-212	P2101896-022	**105**	**102**	**93**	70-130	
SV138-025-212	P2101896-023	**106**	**101**	**93**	70-130	
SV138-050-212	P2101896-024	**107**	**102**	**93**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	107	112	**88**	**92**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.7	42.4	**98**	**100**	59-128	2	25	
74-87-3	Chloromethane	99.8	88.6	88.0	**89**	**88**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	77.2	80.0	**95**	**98**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	99.1	103	**104**	**108**	66-134	4	25	
75-00-3	Chloroethane	77.3	74.1	78.1	**96**	**101**	63-127	5	25	
64-17-5	Ethanol	530	448	471	**85**	**89**	59-125	5	25	
67-64-1	Acetone	435	395	411	**91**	**94**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	36.9	37.8	**102**	**104**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	166	178	**100**	**107**	52-125	7	25	
75-09-2	Methylene Chloride	59.9	60.3	62.9	**101**	**105**	62-115	4	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.6	28.0	**99**	**100**	66-126	1	25	
75-15-0	Carbon Disulfide	137	124	133	**91**	**97**	57-134	6	25	
75-34-3	1,1-Dichloroethane	52.4	49.0	51.0	**94**	**97**	68-126	3	25	
78-93-3	2-Butanone (MEK)	140	139	140	**99**	**100**	67-130	1	25	
141-78-6	Ethyl Acetate	117	138	144	**118**	**123**	65-128	4	25	
110-54-3	n-Hexane	60.2	50.6	52.8	**84**	**88**	63-120	5	25	
67-66-3	Chloroform	43.8	42.3	43.5	**97**	**99**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	124	130	**91**	**96**	64-123	5	25	
107-06-2	1,2-Dichloroethane	51.4	52.0	53.2	**101**	**104**	65-128	3	25	
71-43-2	Benzene	63.9	61.8	63.5	**97**	**99**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	34.1	34.1	**102**	**102**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	117	120	**97**	**99**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	32.8	33.2	**104**	**106**	72-128	2	25	
79-01-6	Trichloroethene	38.3	39.6	40.3	**103**	**105**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	56.1	57.9	**97**	**100**	71-122	3	25	
142-82-5	n-Heptane	51.3	50.1	51.8	**98**	**101**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	102	102	104	**100**	**102**	67-130	2	25	
108-88-3	Toluene	54.7	54.5	55.2	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	98.7	98.2	99.9	**99**	**101**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	28.5	28.5	**115**	**115**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	30.5	30.9	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	32.8	32.8	**108**	**108**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	50.1	50.6	**106**	**107**	70-124	0.9	25	
179601-23-1	m,p-Xylenes	94.9	98.6	99.6	**104**	**105**	61-134	1	25	
75-25-2	Bromoform	20.1	22.9	22.8	**114**	**113**	66-139	0.9	25	
100-42-5	Styrene	48.4	50.6	51.3	**105**	**106**	73-127	0.9	25	
95-47-6	o-Xylene	47.4	49.9	50.4	**105**	**106**	67-125	0.9	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	42.8	42.9	**102**	**102**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	43.3	43.7	**104**	**105**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.0	58.8	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	43.7	43.9	**116**	**116**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	134	127	**110**	**104**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	47.6	45.2	**112**	**106**	59-128	6	25	
74-87-3	Chloromethane	99.8	102	104	**102**	**104**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	90.3	91.8	**111**	**113**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	119	114	**125**	**120**	66-134	4	25	
75-00-3	Chloroethane	77.3	83.1	77.0	**108**	**100**	63-127	8	25	
64-17-5	Ethanol	530	524	482	**99**	**91**	59-125	8	25	
67-64-1	Acetone	435	459	427	**106**	**98**	58-128	8	25	
75-69-4	Trichlorofluoromethane	36.3	41.4	38.4	**114**	**106**	62-126	7	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	204	187	**123**	**113**	52-125	8	25	
75-09-2	Methylene Chloride	59.9	67.3	62.9	**112**	**105**	62-115	6	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.1	27.4	**101**	**98**	66-126	3	25	
75-15-0	Carbon Disulfide	137	146	134	**107**	**98**	57-134	9	25	
75-34-3	1,1-Dichloroethane	52.4	58.8	55.3	**112**	**106**	68-126	6	25	
78-93-3	2-Butanone (MEK)	140	159	150	**114**	**107**	67-130	6	25	
141-78-6	Ethyl Acetate	117	169	158	**144**	**135**	65-128	6	25	**L**
110-54-3	n-Hexane	60.2	61.9	58.7	**103**	**98**	63-120	5	25	
67-66-3	Chloroform	43.8	49.5	46.8	**113**	**107**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	136	144	139	**106**	**102**	64-123	4	25	
107-06-2	1,2-Dichloroethane	51.4	62.6	58.7	**122**	**114**	65-128	7	25	
71-43-2	Benzene	63.9	67.3	66.0	**105**	**103**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	36.5	35.5	**109**	**106**	68-132	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	126	124	**104**	**102**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	36.0	35.1	**115**	**112**	72-128	3	25	
79-01-6	Trichloroethene	38.3	39.8	39.9	**104**	**104**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	60.3	59.2	**105**	**103**	71-122	2	25	
142-82-5	n-Heptane	51.3	55.1	54.2	**107**	**106**	69-123	0.9	25	
108-10-1	4-Methyl-2-pentanone	102	116	113	**114**	**111**	67-130	3	25	
108-88-3	Toluene	54.7	55.5	55.5	**101**	**101**	66-119	0	25	
591-78-6	2-Hexanone	98.7	113	109	**114**	**110**	62-128	4	25	
124-48-1	Dibromochloromethane	24.7	28.1	28.2	**114**	**114**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	30.5	30.8	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	30.6	31.3	**101**	**103**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	51.8	51.6	**109**	**109**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	103	102	**109**	**107**	61-134	2	25	
75-25-2	Bromoform	20.1	21.8	22.1	**108**	**110**	66-139	2	25	
100-42-5	Styrene	48.4	50.8	51.0	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	47.4	51.9	51.5	**109**	**109**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.4	43.2	**104**	**103**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	45.5	44.8	**110**	**108**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.2	58.4	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	43.8	43.4	**116**	**115**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	127	123	**104**	**101**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	42.8	41.3	**101**	**97**	59-128	4	25	
74-87-3	Chloromethane	99.8	121	117	**121**	**117**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	92.1	89.9	**113**	**110**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	120	119	**126**	**125**	66-134	0.8	25	
75-00-3	Chloroethane	77.3	88.9	87.9	**115**	**114**	63-127	0.9	25	
64-17-5	Ethanol	530	578	584	**109**	**110**	59-125	0.9	25	
67-64-1	Acetone	435	457	457	**105**	**105**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	36.4	36.0	**100**	**99**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	181	183	**109**	**110**	52-125	0.9	25	
75-09-2	Methylene Chloride	59.9	62.8	62.5	**105**	**104**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.6	27.2	**99**	**97**	66-126	2	25	
75-15-0	Carbon Disulfide	137	150	148	**109**	**108**	57-134	0.9	25	
75-34-3	1,1-Dichloroethane	52.4	54.1	54.2	**103**	**103**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	155	154	**111**	**110**	67-130	0.9	25	
141-78-6	Ethyl Acetate	117	173	173	**148**	**148**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	61.4	61.4	**102**	**102**	63-120	0	25	
67-66-3	Chloroform	43.8	44.3	43.9	**101**	**100**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	143	142	**105**	**104**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	54.7	54.3	**106**	**106**	65-128	0	25	
71-43-2	Benzene	63.9	59.1	58.9	**92**	**92**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	33.9	33.3	**101**	**100**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210503-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	127	126	**105**	**104**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	32.8	32.6	**104**	**104**	72-128	0	25	
79-01-6	Trichloroethene	38.3	38.8	38.4	**101**	**100**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	56.5	56.5	**98**	**98**	71-122	0	25	
142-82-5	n-Heptane	51.3	54.2	53.6	**106**	**104**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	119	118	**117**	**116**	67-130	0.9	25	
108-88-3	Toluene	54.7	51.5	50.7	**94**	**93**	66-119	1	25	
591-78-6	2-Hexanone	98.7	109	109	**110**	**110**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	26.4	25.9	**107**	**105**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	28.7	28.1	**106**	**104**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	28.6	28.0	**94**	**92**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	47.3	46.4	**100**	**98**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	93.0	91.2	**98**	**96**	61-134	2	25	
75-25-2	Bromoform	20.1	22.2	21.7	**110**	**108**	66-139	2	25	
100-42-5	Styrene	48.4	47.2	46.2	**98**	**95**	73-127	3	25	
95-47-6	o-Xylene	47.4	47.2	46.4	**100**	**98**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	42.0	40.8	**100**	**97**	67-130	3	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	43.3	42.1	**104**	**101**	66-132	3	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	56.1	54.0	**107**	**103**	55-142	4	25	
91-20-3	Naphthalene	37.8	43.1	41.7	**114**	**110**	57-138	4	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	128	125	**105**	**102**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.8	41.2	**98**	**97**	59-128	1	25	
74-87-3	Chloromethane	99.8	124	120	**124**	**120**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	93.0	91.7	**114**	**113**	64-127	0.9	25	
106-99-0	1,3-Butadiene	95.0	123	121	**129**	**127**	66-134	2	25	
75-00-3	Chloroethane	77.3	93.1	91.0	**120**	**118**	63-127	2	25	
64-17-5	Ethanol	530	613	605	**116**	**114**	59-125	2	25	
67-64-1	Acetone	435	476	469	**109**	**108**	58-128	0.9	25	
75-69-4	Trichlorofluoromethane	36.3	36.5	36.1	**101**	**99**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	189	187	**114**	**113**	52-125	0.9	25	
75-09-2	Methylene Chloride	59.9	64.4	63.8	**108**	**107**	62-115	0.9	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.3	27.4	**98**	**98**	66-126	0	25	
75-15-0	Carbon Disulfide	137	153	151	**112**	**110**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	55.9	55.5	**107**	**106**	68-126	0.9	25	
78-93-3	2-Butanone (MEK)	140	159	157	**114**	**112**	67-130	2	25	
141-78-6	Ethyl Acetate	117	176	176	**150**	**150**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	62.8	62.6	**104**	**104**	63-120	0	25	
67-66-3	Chloroform	43.8	44.7	44.3	**102**	**101**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	146	145	**107**	**107**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	54.9	54.7	**107**	**106**	65-128	0.9	25	
71-43-2	Benzene	63.9	59.8	59.6	**94**	**93**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	33.1	33.1	**99**	**99**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101896
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210504-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/4/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	127	128	**105**	**106**	70-117	0.9	25	
75-27-4	Bromodichloromethane	31.4	32.8	32.6	**104**	**104**	72-128	0	25	
79-01-6	Trichloroethene	38.3	38.3	38.3	**100**	**100**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	56.9	56.8	**99**	**98**	71-122	1	25	
142-82-5	n-Heptane	51.3	54.8	54.9	**107**	**107**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	121	121	**119**	**119**	67-130	0	25	
108-88-3	Toluene	54.7	52.7	52.8	**96**	**97**	66-119	1	25	
591-78-6	2-Hexanone	98.7	113	114	**114**	**116**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	26.6	26.6	**108**	**108**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	29.2	29.3	**108**	**108**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	28.4	28.6	**93**	**94**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	48.0	48.1	**101**	**101**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	94.4	96.5	**99**	**102**	61-134	3	25	
75-25-2	Bromoform	20.1	22.1	22.1	**110**	**110**	66-139	0	25	
100-42-5	Styrene	48.4	47.3	47.3	**98**	**98**	73-127	0	25	
95-47-6	o-Xylene	47.4	47.8	48.0	**101**	**101**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	41.9	41.9	**100**	**100**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	42.8	42.9	**103**	**103**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	54.3	54.3	**104**	**104**	55-142	0	25	
91-20-3	Naphthalene	37.8	42.3	42.3	**112**	**112**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

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LABORATORY REPORT

April 30, 2021

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EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 9, 2021. For your reference, these analyses have been assigned our service request number P2101897.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 8:32 am, Apr 30, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2101897
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 9, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criterion was exceeded for Isopropanol in the Continuing Calibration Verification (CCV) and closing CCV analyzed on April 23, 2021 and in closing CCV analyzed on April 23 and 27, 2021. Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

The spike recovery of ethyl acetate for the Laboratory Control Sample (LCS) analyzed on April 23 and 27, 2021 were outside the DoD specified limit but within the Laboratory generated control criterion. The recovery error equates to a potential high bias. The data quality is not significantly affected. No corrective action was taken.

Manual integrations were performed on the following samples and analytes. Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2101897-010	Propene

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The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2101897
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/9/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SV03-100-212	P2101897-001	Air	4/5/2021	14:41	1SC00597	-4.76	8.30			X
SV03-250-212	P2101897-002	Air	4/5/2021	14:45	1SC00977	-5.00	7.73			X
SV03-300-212	P2101897-003	Air	4/5/2021	14:53	1SC00582	-3.92	9.26			X
SV04-050-612	P2101897-004	Air	4/5/2021	10:35	1SS00893	-3.54	8.73			X
SV04-050-212	P2101897-005	Air	4/5/2021	10:35	1SS00976	-4.31	7.61			X
SV04-100-212	P2101897-006	Air	4/5/2021	10:42	1SS00227	-4.37	9.66			X
SV04-250-212	P2101897-007	Air	4/5/2021	10:53	1SC01125	-4.16	7.78			X
SV04-300-212	P2101897-008	Air	4/5/2021	11:01	1SC00758	-3.88	7.95			X
SV08-050-212	P2101897-009	Air	4/5/2021	12:34	1SC00945	-4.64	7.33			X
SV08-100-212	P2101897-010	Air	4/5/2021	12:42	1SS00008	0.05	6.99	-0.05	7.94	X
SV08-250-212	P2101897-011	Air	4/5/2021	12:46	1SC00990	-4.45	9.00			X
SV09-050-212	P2101897-012	Air	4/5/2021	13:42	1SC00145	-2.96	7.25			X
SV09-100-212	P2101897-013	Air	4/5/2021	13:49	1SS00967	-5.32	8.45			X
SV09-250-212	P2101897-014	Air	4/5/2021	13:56	1SS00870	-3.25	8.63			X
SV09-266-212	P2101897-015	Air	4/5/2021	14:04	1SC01067	-5.11	7.88			X

R101897

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No: ~~R2101875~~ R101897

Company Name & Address (Reporting Information) EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000	Project Name Kirtland AFB Bulk Fuels Facilty Project Number 62735DM02
Project Manager / Project Chemist Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143	P.O. # / Billing Information 17682
Email Address for Result Reporting Tara Lamond: tlamond@eaest.com Amanda Smith: asmith@eaest.com Pam Moss: pmoss@eaest.com	Sampler (Print & Sign) Tyler Curley

ALS Contact: Hayden Akers
1 (805) 577-2088

	Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
1	SV03-100-212	13	4/5/2021	14:41	1SC00597	NA	-24.5	-5.5	1L	X	None
2	SV03-250-212	14	4/5/2021	14:45	1SC00977	NA	-24.5	-4.5	1L	X	None
3	SV03-300-212	15	4/5/2021	14:53	1SC00582	NA	-25.0	-3.0	1L	X	None
4	SV04-050-612	16	4/5/2021	10:35	1SS00893	NA	-24.5	-3.0	1L	X	None
5	SV04-050-212	17	4/5/2021	10:35	1SS00976	NA	-24.5	-4.0	1L	X	None
6	SV04-100-212	18	4/5/2021	10:42	1SS00227	NA	-26.5	-5.0	1L	X	None
7	SV04-250-212	19	4/5/2021	10:53	1SC01125	NA	-24.0	-4.0	1L	X	None
8	SV04-300-212	20	4/5/2021	11:01	1SC00758	NA	-26.5	-4.5	1L	X	None
9	SV08-050-212	21	4/5/2021	12:34	1SC00945	NA	-25.0	-5.0	1L	X	None
10	SV08-100-212	22	4/5/2021	12:42	1SS00008	NA	-25.0	0.0	1L	X	None
11	SV08-250-212	M23	4/5/2021	12:46	1SC00990	NA	-25.0	-4.0	1L	X	None

FedEX Tracking Number: 7911 4529 7537

Shipping information: Box number 6 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4-9-21	Time: 0930

Cooler / Blank Temperature NA °C

P210897

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Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P210875

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facility
Project Number: 62735DM02
P.O. # / Billing Information: 17682

ALS Contact: Hayden Akers
1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting
Tara Lamond: tlamond@eaest.com
Amanda Smith: asmith@eaest.com
Pam Moss: pmoss@eaest.com

Sampler (Print & Sign): Tyler Curtis

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV09-050-212	24	4/5/2021	13:42	1SC00145	NA	-27.0	0.0	1L	X	None
SV09-100-212	25	4/5/2021	13:49	1SS00967	NA	-24.5	-5.5	1L	X	None
SV09-250-212	26	4/5/2021	13:56	1SS00870	NA	-27.0	-2.0	1L	X	None
SV09-266-212	27	4/5/2021	14:04	1SC01067	NA	-26.5	-5.5	1L	X	None

FedEX Tracking Number: 7911 4529 7537

Shipping information: Box number 6 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____
Tier II (Results + QC Summaries) ____
Tier III (Results + QC & Calibration Summaries) ____
Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)

Received by: (Signature) Date: 4-9-21 Time: 0930

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101897

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☒	☐	☐
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101897-001.01	1.0 L Source Can					
P2101897-002.01	1.0 L Source Can					
P2101897-003.01	1.0 L Source Can					
P2101897-004.01	1.0 L Source Silonite Canister					
P2101897-005.01	1.0 L Source Silonite Canister					
P2101897-006.01	1.0 L Source Silonite Canister					
P2101897-007.01	1.0 L Source Can					
P2101897-008.01	1.0 L Source Can					
P2101897-009.01	1.0 L Source Can					
P2101897-010.01	1.0 L Source Silonite Canister					
P2101897-011.01	1.0 L Source Can					
P2101897-012.01	1.0 L Source Can					
P2101897-013.01	1.0 L Source Silonite Canister					
P2101897-014.01	1.0 L Source Silonite Canister					
P2101897-015.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101897

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101897-016.01	1.0 L Source Can					
P2101897-017.01	1.0 L Source Can					
P2101897-018.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00597

Initial Pressure (psig): -4.76 Final Pressure (psig): 8.30

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1,700	2,800	1,700	700	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	600	970	600	160	**U**
74-87-3	Chloromethane	1,400	2,300	1,400	380	**U**
75-01-4	Vinyl Chloride	610	1,900	610	210	**U**
106-99-0	1,3-Butadiene	1,300	2,200	1,300	370	**U**
75-00-3	Chloroethane	1,100	1,800	1,100	230	**U**
64-17-5	Ethanol	4,100	26,000	4,100	1,800	**U**
67-64-1	Acetone	11,000	20,000	11,000	4,700	**U**
75-69-4	Trichlorofluoromethane	530	840	530	130	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,400	3,800	2,400	830	**U**
75-09-2	Methylene Chloride	850	1,400	850	400	**U**
76-13-1	Trichlorotrifluoroethane	210	640	210	92	**U**
75-15-0	Carbon Disulfide	1,600	3,000	1,600	470	**U**
75-34-3	1,1-Dichloroethane	750	1,200	750	180	**U**
78-93-3	2-Butanone (MEK)	1,000	3,100	1,000	340	**U**
141-78-6	Ethyl Acetate	1,700	2,600	1,700	720	**U**
110-54-3	n-Hexane	**77,000**	1,400	840	290	
67-66-3	Chloroform	320	1,000	320	130	**U**
109-99-9	Tetrahydrofuran (THF)	530	3,100	530	210	**U**
107-06-2	1,2-Dichloroethane	390	1,200	390	130	**U**
71-43-2	Benzene	**8,400**	1,500	490	220	
56-23-5	Carbon Tetrachloride	250	750	250	110	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00597

Initial Pressure (psig): -4.76 Final Pressure (psig): 8.30

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**250,000**		2,700	910	400	
75-27-4	Bromodichloromethane		230	720	230	110	**U**
79-01-6	Trichloroethene		290	880	290	120	**U**
123-91-1	1,4-Dioxane		440	1,300	440	160	**U**
142-82-5	n-Heptane	**44,000**		1,200	720	190	
108-10-1	4-Methyl-2-pentanone		380	2,300	380	160	**U**
108-88-3	Toluene	**1,300**		1,300	420	160	
591-78-6	2-Hexanone		380	2,300	380	150	**U**
124-48-1	Dibromochloromethane		180	560	180	76	**U**
106-93-4	1,2-Dibromoethane		200	630	200	75	**U**
127-18-4	Tetrachloroethene		230	710	230	94	**U**
100-41-4	Ethylbenzene	**770**		1,100	360	160	**J**
179601-23-1	m,p-Xylenes	**5,100**		2,100	720	300	
75-25-2	Bromoform		290	470	290	98	**U**
100-42-5	Styrene		690	1,100	690	190	**U**
95-47-6	o-Xylene	**640**		1,100	360	160	**J**
108-67-8	1,3,5-Trimethylbenzene	**420**		1,000	320	140	**J**
95-63-6	1,2,4-Trimethylbenzene	**180**		980	320	140	**J**
120-82-1	1,2,4-Trichlorobenzene		400	1,200	400	160	**U**
91-20-3	Naphthalene		550	920	550	230	**U**
1330-20-7	Xylenes, Total	**5,700**		2,100	720	300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00977

Initial Pressure (psig): -5.00 Final Pressure (psig): 7.73

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	4,300	7,000	4,300	1,700	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,500	2,400	1,500	410	**U**
74-87-3	Chloromethane	3,600	5,800	3,600	960	**U**
75-01-4	Vinyl Chloride	1,500	4,800	1,500	520	**U**
106-99-0	1,3-Butadiene	3,300	5,400	3,300	920	**U**
75-00-3	Chloroethane	2,800	4,600	2,800	580	**U**
64-17-5	Ethanol	10,000	65,000	10,000	4,500	**U**
67-64-1	Acetone	26,000	51,000	26,000	12,000	**U**
75-69-4	Trichlorofluoromethane	1,300	2,100	1,300	330	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,900	9,400	5,900	2,100	**U**
75-09-2	Methylene Chloride	2,100	3,500	2,100	1,000	**U**
76-13-1	Trichlorotrifluoroethane	510	1,600	510	230	**U**
75-15-0	Carbon Disulfide	4,000	7,400	4,000	1,200	**U**
75-34-3	1,1-Dichloroethane	1,900	3,100	1,900	450	**U**
78-93-3	2-Butanone (MEK)	2,500	7,800	2,500	860	**U**
141-78-6	Ethyl Acetate	4,200	6,400	4,200	1,800	**U**
110-54-3	n-Hexane	**410,000**	3,400	2,100	720	
67-66-3	Chloroform	800	2,500	800	340	**U**
109-99-9	Tetrahydrofuran (THF)	1,300	7,800	1,300	520	**U**
107-06-2	1,2-Dichloroethane	970	3,000	970	340	**U**
71-43-2	Benzene	**140,000**	3,800	1,200	560	
56-23-5	Carbon Tetrachloride	620	1,900	620	270	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00977

Initial Pressure (psig): -5.00 Final Pressure (psig): 7.73

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**490,000**		6,700	2,300	1,000	
75-27-4	Bromodichloromethane		590	1,800	590	270	**U**
79-01-6	Trichloroethene		730	2,200	730	310	**U**
123-91-1	1,4-Dioxane		1,100	3,300	1,100	400	**U**
142-82-5	n-Heptane	**430,000**		2,900	1,800	480	
108-10-1	4-Methyl-2-pentanone		960	5,600	960	410	**U**
108-88-3	Toluene	**400,000**		3,200	1,000	400	
591-78-6	2-Hexanone		960	5,600	960	370	**U**
124-48-1	Dibromochloromethane		460	1,400	460	190	**U**
106-93-4	1,2-Dibromoethane	**1,100**		1,600	510	190	**J**
127-18-4	Tetrachloroethene		580	1,800	580	240	**U**
100-41-4	Ethylbenzene	**36,000**		2,800	900	400	
179601-23-1	m,p-Xylenes	**100,000**		5,300	1,800	740	
75-25-2	Bromoform		720	1,200	720	250	**U**
100-42-5	Styrene		1,700	2,800	1,700	470	**U**
95-47-6	o-Xylene	**32,000**		2,800	900	410	
108-67-8	1,3,5-Trimethylbenzene	**3,900**		2,500	800	360	
95-63-6	1,2,4-Trimethylbenzene	**5,400**		2,400	800	350	
120-82-1	1,2,4-Trichlorobenzene		1,000	3,100	1,000	400	**U**
91-20-3	Naphthalene		1,400	2,300	1,400	570	**U**
1330-20-7	Xylenes, Total	**140,000**		5,300	1,800	740	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00582

Initial Pressure (psig): -3.92 Final Pressure (psig): 9.26

Container Dilution Factor: 2.22

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,800**	6,700	4,100	1,700	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,400	2,300	1,400	390	**U**
74-87-3	Chloromethane	3,400	5,600	3,400	920	**U**
75-01-4	Vinyl Chloride	1,500	4,600	1,500	500	**U**
106-99-0	1,3-Butadiene	3,200	5,200	3,200	880	**U**
75-00-3	Chloroethane	2,700	4,400	2,700	560	**U**
64-17-5	Ethanol	9,800	62,000	9,800	4,400	**U**
67-64-1	Acetone	25,000	49,000	25,000	11,000	**U**
75-69-4	Trichlorofluoromethane	1,300	2,000	1,300	320	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,700	9,000	5,700	2,000	**U**
75-09-2	Methylene Chloride	2,000	3,300	2,000	960	**U**
76-13-1	Trichlorotrifluoroethane	490	1,500	490	220	**U**
75-15-0	Carbon Disulfide	3,900	7,100	3,900	1,100	**U**
75-34-3	1,1-Dichloroethane	1,800	3,000	1,800	430	**U**
78-93-3	2-Butanone (MEK)	2,400	7,500	2,400	830	**U**
141-78-6	Ethyl Acetate	4,000	6,200	4,000	1,700	**U**
110-54-3	n-Hexane	**320,000**	3,300	2,000	690	
67-66-3	Chloroform	770	2,400	770	320	**U**
109-99-9	Tetrahydrofuran (THF)	1,300	7,500	1,300	500	**U**
107-06-2	1,2-Dichloroethane	930	2,900	930	320	**U**
71-43-2	Benzene	**120,000**	3,600	1,200	540	
56-23-5	Carbon Tetrachloride	600	1,800	600	260	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00582

Initial Pressure (psig): -3.92 Final Pressure (psig): 9.26

Container Dilution Factor: 2.22

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**470,000**		6,500	2,200	970	
75-27-4	Bromodichloromethane		560	1,700	560	260	**U**
79-01-6	Trichloroethene		700	2,100	700	300	**U**
123-91-1	1,4-Dioxane		1,000	3,200	1,000	390	**U**
142-82-5	n-Heptane	**330,000**		2,800	1,700	460	
108-10-1	4-Methyl-2-pentanone		920	5,400	920	400	**U**
108-88-3	Toluene	**430,000**		3,100	1,000	380	
591-78-6	2-Hexanone		920	5,400	920	360	**U**
124-48-1	Dibromochloromethane		440	1,400	440	180	**U**
106-93-4	1,2-Dibromoethane	**840**		1,500	490	180	**J**
127-18-4	Tetrachloroethene		560	1,700	560	230	**U**
100-41-4	Ethylbenzene	**54,000**		2,700	870	380	
179601-23-1	m,p-Xylenes	**150,000**		5,100	1,700	720	
75-25-2	Bromoform		690	1,100	690	240	**U**
100-42-5	Styrene		1,700	2,700	1,700	450	**U**
95-47-6	o-Xylene	**47,000**		2,700	870	390	
108-67-8	1,3,5-Trimethylbenzene	**6,800**		2,400	770	350	
95-63-6	1,2,4-Trimethylbenzene	**16,000**		2,300	770	330	
120-82-1	1,2,4-Trichlorobenzene		960	3,000	960	390	**U**
91-20-3	Naphthalene		1,300	2,200	1,300	550	**U**
1330-20-7	Xylenes, Total	**200,000**		5,100	1,700	720	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-612** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00893

Initial Pressure (psig): -3.54 Final Pressure (psig): 8.73

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	3,900	6,300	3,900	1,600	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,400	2,200	1,400	370	**U**
74-87-3	Chloromethane	3,300	5,300	3,300	870	**U**
75-01-4	Vinyl Chloride	1,400	4,400	1,400	470	**U**
106-99-0	1,3-Butadiene	3,000	4,900	3,000	840	**U**
75-00-3	Chloroethane	2,500	4,100	2,500	530	**U**
64-17-5	Ethanol	9,300	59,000	9,300	4,100	**U**
67-64-1	Acetone	24,000	46,000	24,000	11,000	**U**
75-69-4	Trichlorofluoromethane	1,200	1,900	1,200	300	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,400	8,500	5,400	1,900	**U**
75-09-2	Methylene Chloride	1,900	3,100	1,900	910	**U**
76-13-1	Trichlorotrifluoroethane	470	1,500	470	210	**U**
75-15-0	Carbon Disulfide	3,600	6,700	3,600	1,100	**U**
75-34-3	1,1-Dichloroethane	1,700	2,800	1,700	400	**U**
78-93-3	2-Butanone (MEK)	2,300	7,100	2,300	780	**U**
141-78-6	Ethyl Acetate	3,800	5,800	3,800	1,600	**U**
110-54-3	n-Hexane	1,900	3,100	1,900	660	**U**
67-66-3	Chloroform	730	2,300	730	310	**U**
109-99-9	Tetrahydrofuran (THF)	1,200	7,100	1,200	480	**U**
107-06-2	1,2-Dichloroethane	880	2,700	880	310	**U**
71-43-2	Benzene	**16,000**	3,400	1,100	510	
56-23-5	Carbon Tetrachloride	570	1,700	570	250	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-612** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00893

Initial Pressure (psig): -3.54 Final Pressure (psig): 8.73

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	2,100	6,100	2,100	920	**U**
75-27-4	Bromodichloromethane	530	1,600	530	240	**U**
79-01-6	Trichloroethene	660	2,000	660	280	**U**
123-91-1	1,4-Dioxane	990	3,000	990	370	**U**
142-82-5	n-Heptane	1,600	2,700	1,600	440	**U**
108-10-1	4-Methyl-2-pentanone	870	5,100	870	370	**U**
108-88-3	Toluene	**1,000**	2,900	950	360	**J**
591-78-6	2-Hexanone	870	5,100	870	340	**U**
124-48-1	Dibromochloromethane	420	1,300	420	170	**U**
106-93-4	1,2-Dibromoethane	460	1,400	460	170	**U**
127-18-4	Tetrachloroethene	530	1,600	530	210	**U**
100-41-4	Ethylbenzene	820	2,500	820	360	**U**
179601-23-1	m,p-Xylenes	1,600	4,800	1,600	680	**U**
75-25-2	Bromoform	650	1,100	650	220	**U**
100-42-5	Styrene	1,600	2,600	1,600	420	**U**
95-47-6	o-Xylene	820	2,600	820	370	**U**
108-67-8	1,3,5-Trimethylbenzene	730	2,300	730	330	**U**
95-63-6	1,2,4-Trimethylbenzene	730	2,200	730	320	**U**
120-82-1	1,2,4-Trichlorobenzene	910	2,800	910	370	**U**
91-20-3	Naphthalene	1,200	2,100	1,200	520	**U**
1330-20-7	Xylenes, Total	1,600	4,800	1,600	680	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-005

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -4.31 Final Pressure (psig): 7.61

Container Dilution Factor: 2.15

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	4,000	6,500	4,000	1,600	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,400	2,300	1,400	380	**U**
74-87-3	Chloromethane	3,300	5,400	3,300	900	**U**
75-01-4	Vinyl Chloride	1,400	4,500	1,400	480	**U**
106-99-0	1,3-Butadiene	3,100	5,100	3,100	860	**U**
75-00-3	Chloroethane	2,600	4,200	2,600	540	**U**
64-17-5	Ethanol	9,500	60,000	9,500	4,200	**U**
67-64-1	Acetone	24,000	47,000	24,000	11,000	**U**
75-69-4	Trichlorofluoromethane	1,200	2,000	1,200	310	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,500	8,800	5,500	1,900	**U**
75-09-2	Methylene Chloride	2,000	3,200	2,000	930	**U**
76-13-1	Trichlorotrifluoroethane	480	1,500	480	210	**U**
75-15-0	Carbon Disulfide	3,700	6,900	3,700	1,100	**U**
75-34-3	1,1-Dichloroethane	1,800	2,900	1,800	410	**U**
78-93-3	2-Butanone (MEK)	2,300	7,300	2,300	800	**U**
141-78-6	Ethyl Acetate	3,900	6,000	3,900	1,700	**U**
110-54-3	n-Hexane	2,000	3,200	2,000	670	**U**
67-66-3	Chloroform	750	2,300	750	310	**U**
109-99-9	Tetrahydrofuran (THF)	1,200	7,300	1,200	490	**U**
107-06-2	1,2-Dichloroethane	900	2,800	900	310	**U**
71-43-2	Benzene	**12,000**	3,500	1,100	520	
56-23-5	Carbon Tetrachloride	580	1,700	580	250	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-005

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -4.31 Final Pressure (psig): 7.61

Container Dilution Factor: 2.15

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	2,100	6,200	2,100	940	**U**
75-27-4	Bromodichloromethane	550	1,700	550	250	**U**
79-01-6	Trichloroethene	680	2,000	680	290	**U**
123-91-1	1,4-Dioxane	1,000	3,100	1,000	380	**U**
142-82-5	n-Heptane	1,700	2,700	1,700	450	**U**
108-10-1	4-Methyl-2-pentanone	890	5,200	890	380	**U**
108-88-3	Toluene	**660**	3,000	970	370	**J**
591-78-6	2-Hexanone	890	5,300	890	350	**U**
124-48-1	Dibromochloromethane	430	1,300	430	180	**U**
106-93-4	1,2-Dibromoethane	480	1,500	480	170	**U**
127-18-4	Tetrachloroethene	540	1,600	540	220	**U**
100-41-4	Ethylbenzene	840	2,600	840	370	**U**
179601-23-1	m,p-Xylenes	1,700	5,000	1,700	690	**U**
75-25-2	Bromoform	670	1,100	670	230	**U**
100-42-5	Styrene	1,600	2,600	1,600	430	**U**
95-47-6	o-Xylene	840	2,600	840	380	**U**
108-67-8	1,3,5-Trimethylbenzene	740	2,300	740	340	**U**
95-63-6	1,2,4-Trimethylbenzene	740	2,300	740	320	**U**
120-82-1	1,2,4-Trichlorobenzene	930	2,900	930	380	**U**
91-20-3	Naphthalene	1,300	2,100	1,300	530	**U**
1330-20-7	Xylenes, Total	1,700	5,000	1,700	690	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-006

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -4.37 Final Pressure (psig): 9.66

Container Dilution Factor: 2.36

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	8,800	14,000	8,800	3,600	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	3,100	5,000	3,100	830	**U**
74-87-3	Chloromethane	7,300	12,000	7,300	2,000	**U**
75-01-4	Vinyl Chloride	3,100	9,800	3,100	1,100	**U**
106-99-0	1,3-Butadiene	6,800	11,000	6,800	1,900	**U**
75-00-3	Chloroethane	5,700	9,300	5,700	1,200	**U**
64-17-5	Ethanol	21,000	130,000	21,000	9,300	**U**
67-64-1	Acetone	54,000	100,000	54,000	24,000	**U**
75-69-4	Trichlorofluoromethane	2,700	4,300	2,700	680	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	12,000	19,000	12,000	4,200	**U**
75-09-2	Methylene Chloride	4,300	7,100	4,300	2,000	**U**
76-13-1	Trichlorotrifluoroethane	1,000	3,300	1,000	470	**U**
75-15-0	Carbon Disulfide	8,200	15,000	8,200	2,400	**U**
75-34-3	1,1-Dichloroethane	3,800	6,300	3,800	910	**U**
78-93-3	2-Butanone (MEK)	5,100	16,000	5,100	1,800	**U**
141-78-6	Ethyl Acetate	8,500	13,000	8,500	3,700	**U**
110-54-3	n-Hexane	**810,000**	7,000	4,300	1,500	
67-66-3	Chloroform	1,600	5,100	1,600	690	**U**
109-99-9	Tetrahydrofuran (THF)	2,700	16,000	2,700	1,100	**U**
107-06-2	1,2-Dichloroethane	2,000	6,100	2,000	690	**U**
71-43-2	Benzene	**320,000**	7,700	2,500	1,100	
56-23-5	Carbon Tetrachloride	1,300	3,800	1,300	560	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-006

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -4.37 Final Pressure (psig): 9.66

Container Dilution Factor: 2.36

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**810,000**		14,000	4,700	2,100	
75-27-4	Bromodichloromethane		1,200	3,700	1,200	540	**U**
79-01-6	Trichloroethene		1,500	4,500	1,500	630	**U**
123-91-1	1,4-Dioxane		2,200	6,800	2,200	830	**U**
142-82-5	n-Heptane	**680,000**		6,000	3,700	980	
108-10-1	4-Methyl-2-pentanone		2,000	12,000	2,000	840	**U**
108-88-3	Toluene	**740,000**		6,500	2,100	810	
591-78-6	2-Hexanone		2,000	12,000	2,000	760	**U**
124-48-1	Dibromochloromethane		940	2,900	940	390	**U**
106-93-4	1,2-Dibromoethane	**1,400**		3,200	1,000	380	**J**
127-18-4	Tetrachloroethene		1,200	3,600	1,200	480	**U**
100-41-4	Ethylbenzene	**42,000**		5,700	1,800	820	
179601-23-1	m,p-Xylenes	**120,000**		11,000	3,700	1,500	
75-25-2	Bromoform		1,500	2,400	1,500	500	**U**
100-42-5	Styrene		3,500	5,800	3,500	950	**U**
95-47-6	o-Xylene	**33,000**		5,800	1,800	840	
108-67-8	1,3,5-Trimethylbenzene	**2,700**		5,100	1,600	740	**J**
95-63-6	1,2,4-Trimethylbenzene	**4,200**		5,000	1,600	710	**J**
120-82-1	1,2,4-Trichlorobenzene		2,000	6,400	2,000	830	**U**
91-20-3	Naphthalene		2,800	4,700	2,800	1,200	**U**
1330-20-7	Xylenes, Total	**150,000**		11,000	3,700	1,500	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-007

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01125

Initial Pressure (psig): -4.16 Final Pressure (psig): 7.78

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,800**	9,200	5,700	2,300	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,000	3,200	2,000	540	**U**
74-87-3	Chloromethane	4,700	7,700	4,700	1,300	**U**
75-01-4	Vinyl Chloride	2,000	6,300	2,000	680	**U**
106-99-0	1,3-Butadiene	4,400	7,200	4,400	1,200	**U**
75-00-3	Chloroethane	3,700	6,000	3,700	760	**U**
64-17-5	Ethanol	13,000	86,000	13,000	6,000	**U**
67-64-1	Acetone	35,000	67,000	35,000	15,000	**U**
75-69-4	Trichlorofluoromethane	1,700	2,800	1,700	440	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	7,800	12,000	7,800	2,700	**U**
75-09-2	Methylene Chloride	2,800	4,600	2,800	1,300	**U**
76-13-1	Trichlorotrifluoroethane	680	2,100	680	300	**U**
75-15-0	Carbon Disulfide	5,300	9,800	5,300	1,600	**U**
75-34-3	1,1-Dichloroethane	2,500	4,100	2,500	590	**U**
78-93-3	2-Butanone (MEK)	3,300	10,000	3,300	1,100	**U**
141-78-6	Ethyl Acetate	5,500	8,400	5,500	2,400	**U**
110-54-3	n-Hexane	**790,000**	4,500	2,800	950	
67-66-3	Chloroform	1,100	3,300	1,100	440	**U**
109-99-9	Tetrahydrofuran (THF)	1,800	10,000	1,800	690	**U**
107-06-2	1,2-Dichloroethane	1,300	3,900	1,300	440	**U**
71-43-2	Benzene	**200,000**	5,000	1,600	730	
56-23-5	Carbon Tetrachloride	820	2,500	820	360	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-007

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01125

Initial Pressure (psig): -4.16 Final Pressure (psig): 7.78

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**670,000**		8,800	3,000	1,300	
75-27-4	Bromodichloromethane		770	2,400	770	350	**U**
79-01-6	Trichloroethene		960	2,900	960	410	**U**
123-91-1	1,4-Dioxane		1,400	4,400	1,400	530	**U**
142-82-5	n-Heptane	**700,000**		3,900	2,400	630	
108-10-1	4-Methyl-2-pentanone		1,300	7,400	1,300	540	**U**
108-88-3	Toluene	**41,000**		4,200	1,400	530	
591-78-6	2-Hexanone		1,300	7,400	1,300	490	**U**
124-48-1	Dibromochloromethane		610	1,900	610	250	**U**
106-93-4	1,2-Dibromoethane		670	2,100	670	250	**U**
127-18-4	Tetrachloroethene		760	2,300	760	310	**U**
100-41-4	Ethylbenzene	**2,500**		3,600	1,200	530	**J**
179601-23-1	m,p-Xylenes	**18,000**		7,000	2,400	980	
75-25-2	Bromoform		940	1,600	940	320	**U**
100-42-5	Styrene		2,300	3,700	2,300	610	**U**
95-47-6	o-Xylene	**7,400**		3,700	1,200	540	
108-67-8	1,3,5-Trimethylbenzene		1,100	3,300	1,100	480	**U**
95-63-6	1,2,4-Trimethylbenzene		1,100	3,200	1,100	460	**U**
120-82-1	1,2,4-Trichlorobenzene		1,300	4,100	1,300	530	**U**
91-20-3	Naphthalene		1,800	3,000	1,800	750	**U**
1330-20-7	Xylenes, Total	**25,000**		7,000	2,400	980	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00758

Initial Pressure (psig): -3.88 Final Pressure (psig): 7.95

Container Dilution Factor: 2.09

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**480**	790	490	200	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	170	270	170	46	**U**
74-87-3	Chloromethane	410	660	410	110	**U**
75-01-4	Vinyl Chloride	170	540	170	58	**U**
106-99-0	1,3-Butadiene	380	610	380	100	**U**
75-00-3	Chloroethane	320	520	320	65	**U**
64-17-5	Ethanol	1,200	7,400	1,200	510	**U**
67-64-1	Acetone	3,000	5,700	3,000	1,300	**U**
75-69-4	Trichlorofluoromethane	150	240	150	38	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	670	1,100	670	230	**U**
75-09-2	Methylene Chloride	240	390	240	110	**U**
76-13-1	Trichlorotrifluoroethane	58	180	58	26	**U**
75-15-0	Carbon Disulfide	450	840	450	130	**U**
75-34-3	1,1-Dichloroethane	210	350	210	50	**U**
78-93-3	2-Butanone (MEK)	280	890	280	97	**U**
141-78-6	Ethyl Acetate	470	730	470	200	**U**
110-54-3	n-Hexane	**59,000**	390	240	82	
67-66-3	Chloroform	91	280	91	38	**U**
109-99-9	Tetrahydrofuran (THF)	150	890	150	59	**U**
107-06-2	1,2-Dichloroethane	110	340	110	38	**U**
71-43-2	Benzene	**27,000**	430	140	63	
56-23-5	Carbon Tetrachloride	71	210	71	31	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00758

Initial Pressure (psig): -3.88 Final Pressure (psig): 7.95

Container Dilution Factor: 2.09

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**74,000**		760	260	110	
75-27-4	Bromodichloromethane		66	200	66	30	**U**
79-01-6	Trichloroethene		83	250	83	35	**U**
123-91-1	1,4-Dioxane		120	380	120	46	**U**
142-82-5	n-Heptane	**54,000**		330	200	54	
108-10-1	4-Methyl-2-pentanone		110	640	110	47	**U**
108-88-3	Toluene	**1,900**		360	120	45	
591-78-6	2-Hexanone		110	640	110	42	**U**
124-48-1	Dibromochloromethane		52	160	52	21	**U**
106-93-4	1,2-Dibromoethane		58	180	58	21	**U**
127-18-4	Tetrachloroethene		66	200	66	27	**U**
100-41-4	Ethylbenzene	**100**		310	100	45	**J**
179601-23-1	m,p-Xylenes	**1,500**		600	200	84	
75-25-2	Bromoform		81	130	81	28	**U**
100-42-5	Styrene		200	320	200	53	**U**
95-47-6	o-Xylene	**510**		320	100	46	
108-67-8	1,3,5-Trimethylbenzene	**200**		280	90	41	**J**
95-63-6	1,2,4-Trimethylbenzene	**230**		280	90	39	**J**
120-82-1	1,2,4-Trichlorobenzene		110	350	110	46	**U**
91-20-3	Naphthalene		150	260	150	65	**U**
1330-20-7	Xylenes, Total	**2,000**		600	200	84	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00945

Initial Pressure (psig): -4.64 Final Pressure (psig): 7.33

Container Dilution Factor: 2.19

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,400**	2,200	1,400	550	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	470	770	470	130	**U**
74-87-3	Chloromethane	1,100	1,800	1,100	300	**U**
75-01-4	Vinyl Chloride	490	1,500	490	160	**U**
106-99-0	1,3-Butadiene	1,100	1,700	1,100	290	**U**
75-00-3	Chloroethane	890	1,400	890	180	**U**
64-17-5	Ethanol	**2,700**	21,000	3,200	1,400	**J**
67-64-1	Acetone	8,300	16,000	8,300	3,700	**U**
75-69-4	Trichlorofluoromethane	420	660	420	110	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,900	3,000	1,900	650	**U**
75-09-2	Methylene Chloride	670	1,100	670	320	**U**
76-13-1	Trichlorotrifluoroethane	160	510	160	72	**U**
75-15-0	Carbon Disulfide	1,300	2,300	1,300	380	**U**
75-34-3	1,1-Dichloroethane	600	970	600	140	**U**
78-93-3	2-Butanone (MEK)	790	2,500	790	270	**U**
141-78-6	Ethyl Acetate	1,300	2,000	1,300	570	**U**
110-54-3	n-Hexane	**150,000**	1,100	660	230	
67-66-3	Chloroform	250	790	250	110	**U**
109-99-9	Tetrahydrofuran (THF)	420	2,500	420	170	**U**
107-06-2	1,2-Dichloroethane	310	940	310	110	**U**
71-43-2	Benzene	**53,000**	1,200	390	180	
56-23-5	Carbon Tetrachloride	200	590	200	86	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00945

Initial Pressure (psig): -4.64 Final Pressure (psig): 7.33

Container Dilution Factor: 2.19

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**180,000**		2,100	720	320	
75-27-4	Bromodichloromethane		190	570	190	84	**U**
79-01-6	Trichloroethene		230	690	230	98	**U**
123-91-1	1,4-Dioxane		340	1,100	340	130	**U**
142-82-5	n-Heptane	**180,000**		930	570	150	
108-10-1	4-Methyl-2-pentanone		300	1,800	300	130	**U**
108-88-3	Toluene	**17,000**		1,000	330	130	
591-78-6	2-Hexanone		300	1,800	300	120	**U**
124-48-1	Dibromochloromethane		150	450	150	60	**U**
106-93-4	1,2-Dibromoethane		160	490	160	59	**U**
127-18-4	Tetrachloroethene		180	560	180	74	**U**
100-41-4	Ethylbenzene	**380**		870	290	130	**J**
179601-23-1	m,p-Xylenes	**9,000**		1,700	570	240	
75-25-2	Bromoform		230	370	230	78	**U**
100-42-5	Styrene		550	890	550	150	**U**
95-47-6	o-Xylene	**3,100**		890	290	130	
108-67-8	1,3,5-Trimethylbenzene	**340**		790	250	110	**J**
95-63-6	1,2,4-Trimethylbenzene	**290**		770	250	110	**J**
120-82-1	1,2,4-Trichlorobenzene		310	980	310	130	**U**
91-20-3	Naphthalene		430	720	430	180	**U**
1330-20-7	Xylenes, Total	**12,000**		1,700	570	240	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00008

Initial Pressure (psig): 0.05 Final Pressure (psig): 6.99
Initial Pressure 2 (psig): -0.05 Final Pressure 2 (psig): 7.94

Container Dilution Factor: 2.27

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.5**		1.7	1.1	0.43	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.71**		0.60	0.37	0.10	
74-87-3	Chloromethane	**0.36**		1.4	0.88	0.24	**J**
75-01-4	Vinyl Chloride		0.38	1.2	0.38	0.13	**U**
106-99-0	1,3-Butadiene		0.82	1.3	0.82	0.23	**U**
75-00-3	Chloroethane		0.69	1.1	0.69	0.14	**U**
64-17-5	Ethanol	**41**		16	2.5	1.1	
67-64-1	Acetone		6.5	12	6.5	2.9	**U**
75-69-4	Trichlorofluoromethane	**0.49**		0.52	0.32	0.082	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**8.1**		2.3	1.5	0.51	
75-09-2	Methylene Chloride	**0.84**		0.85	0.52	0.25	**J**
76-13-1	Trichlorotrifluoroethane	**0.98**		0.39	0.13	0.056	
75-15-0	Carbon Disulfide	**2.0**		1.8	0.98	0.29	
75-34-3	1,1-Dichloroethane		0.46	0.76	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**3.2**		1.9	0.62	0.21	
141-78-6	Ethyl Acetate	**10**		1.6	1.0	0.44	
110-54-3	n-Hexane	**8.1**		0.84	0.52	0.18	
67-66-3	Chloroform	**0.23**		0.62	0.20	0.083	**J**
109-99-9	Tetrahydrofuran (THF)		0.33	1.9	0.33	0.13	**U**
107-06-2	1,2-Dichloroethane		0.24	0.73	0.24	0.083	**U**
71-43-2	Benzene	**4.5**		0.92	0.30	0.14	
56-23-5	Carbon Tetrachloride		0.15	0.46	0.15	0.067	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00008

Initial Pressure (psig): 0.05 Final Pressure (psig): 6.99
Initial Pressure 2 (psig): -0.05 Final Pressure 2 (psig): 7.94

Container Dilution Factor: 2.27

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3.8**	1.6	0.56	0.25	
75-27-4	Bromodichloromethane	0.14	0.44	0.14	0.065	**U**
79-01-6	Trichloroethene	0.18	0.54	0.18	0.076	**U**
123-91-1	1,4-Dioxane	0.27	0.82	0.27	0.099	**U**
142-82-5	n-Heptane	**13**	0.72	0.44	0.12	
108-10-1	4-Methyl-2-pentanone	0.24	1.4	0.24	0.10	**U**
108-88-3	Toluene	**12**	0.78	0.26	0.098	
591-78-6	2-Hexanone	0.24	1.4	0.24	0.091	**U**
124-48-1	Dibromochloromethane	0.11	0.35	0.11	0.047	**U**
106-93-4	1,2-Dibromoethane	0.13	0.38	0.13	0.046	**U**
127-18-4	Tetrachloroethene	**0.66**	0.44	0.14	0.058	
100-41-4	Ethylbenzene	**1.6**	0.68	0.22	0.098	
179601-23-1	m,p-Xylenes	**8.1**	1.3	0.44	0.18	
75-25-2	Bromoform	0.18	0.29	0.18	0.060	**U**
100-42-5	Styrene	**7.0**	0.69	0.43	0.11	
95-47-6	o-Xylene	**2.9**	0.69	0.22	0.10	
108-67-8	1,3,5-Trimethylbenzene	**1.6**	0.61	0.20	0.089	
95-63-6	1,2,4-Trimethylbenzene	**5.7**	0.60	0.20	0.085	
120-82-1	1,2,4-Trichlorobenzene	0.24	0.76	0.24	0.099	**U**
91-20-3	Naphthalene	**1.1**	0.56	0.34	0.14	
1330-20-7	Xylenes, Total	**11**	1.3	0.44	0.18	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00990

Initial Pressure (psig): -4.45 Final Pressure (psig): 9.00

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4,700**	2,800	1,700	700	
75-71-8	Dichlorodifluoromethane (CFC 12)	600	970	600	160	**U**
74-87-3	Chloromethane	1,400	2,300	1,400	380	**U**
75-01-4	Vinyl Chloride	610	1,900	610	210	**U**
106-99-0	1,3-Butadiene	1,300	2,200	1,300	370	**U**
75-00-3	Chloroethane	1,100	1,800	1,100	230	**U**
64-17-5	Ethanol	**3,700**	26,000	4,100	1,800	**J**
67-64-1	Acetone	11,000	20,000	11,000	4,700	**U**
75-69-4	Trichlorofluoromethane	530	840	530	130	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,400	3,800	2,400	830	**U**
75-09-2	Methylene Chloride	850	1,400	850	400	**U**
76-13-1	Trichlorotrifluoroethane	210	640	210	92	**U**
75-15-0	Carbon Disulfide	1,600	3,000	1,600	470	**U**
75-34-3	1,1-Dichloroethane	750	1,200	750	180	**U**
78-93-3	2-Butanone (MEK)	1,000	3,100	1,000	340	**U**
141-78-6	Ethyl Acetate	1,700	2,600	1,700	720	**U**
110-54-3	n-Hexane	**240,000**	1,400	840	290	
67-66-3	Chloroform	320	1,000	320	130	**U**
109-99-9	Tetrahydrofuran (THF)	530	3,100	530	210	**U**
107-06-2	1,2-Dichloroethane	390	1,200	390	130	**U**
71-43-2	Benzene	**180,000**	1,500	490	220	
56-23-5	Carbon Tetrachloride	250	750	250	110	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00990

Initial Pressure (psig): -4.45 Final Pressure (psig): 9.00

Container Dilution Factor: 2.31

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**440,000**		2,700	910	400	
75-27-4	Bromodichloromethane		230	720	230	110	**U**
79-01-6	Trichloroethene		290	880	290	120	**U**
123-91-1	1,4-Dioxane		440	1,300	440	160	**U**
142-82-5	n-Heptane	**140,000**		1,200	720	190	
108-10-1	4-Methyl-2-pentanone		380	2,300	380	160	**U**
108-88-3	Toluene	**300,000**		3,200	1,000	400	**D**
591-78-6	2-Hexanone		380	2,300	380	150	**U**
124-48-1	Dibromochloromethane		180	560	180	76	**U**
106-93-4	1,2-Dibromoethane	**970**		630	200	75	
127-18-4	Tetrachloroethene		230	710	230	94	**U**
100-41-4	Ethylbenzene	**13,000**		1,100	360	160	
179601-23-1	m,p-Xylenes	**54,000**		2,100	720	300	
75-25-2	Bromoform		290	470	290	98	**U**
100-42-5	Styrene		690	1,100	690	190	**U**
95-47-6	o-Xylene	**17,000**		1,100	360	160	
108-67-8	1,3,5-Trimethylbenzene	**2,800**		1,000	320	140	
95-63-6	1,2,4-Trimethylbenzene	**5,900**		980	320	140	
120-82-1	1,2,4-Trichlorobenzene		400	1,200	400	160	**U**
91-20-3	Naphthalene		550	920	550	230	**U**
1330-20-7	Xylenes, Total	**72,000**		2,100	720	300	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00145

Initial Pressure (psig): -2.96 Final Pressure (psig): 7.25

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	350	570	350	140	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	120	200	120	33	**U**
74-87-3	Chloromethane	290	470	290	78	**U**
75-01-4	Vinyl Chloride	120	390	120	42	**U**
106-99-0	1,3-Butadiene	270	440	270	74	**U**
75-00-3	Chloroethane	230	370	230	47	**U**
64-17-5	Ethanol	820	5,300	820	370	**U**
67-64-1	Acetone	2,100	4,100	2,100	950	**U**
75-69-4	Trichlorofluoromethane	110	170	110	27	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	480	760	480	170	**U**
75-09-2	Methylene Chloride	170	280	170	81	**U**
76-13-1	Trichlorotrifluoroethane	41	130	41	19	**U**
75-15-0	Carbon Disulfide	320	600	320	96	**U**
75-34-3	1,1-Dichloroethane	150	250	150	36	**U**
78-93-3	2-Butanone (MEK)	200	630	200	70	**U**
141-78-6	Ethyl Acetate	340	520	340	150	**U**
110-54-3	n-Hexane	170	280	170	58	**U**
67-66-3	Chloroform	65	200	65	27	**U**
109-99-9	Tetrahydrofuran (THF)	110	630	110	42	**U**
107-06-2	1,2-Dichloroethane	79	240	79	27	**U**
71-43-2	Benzene	100	300	100	45	**U**
56-23-5	Carbon Tetrachloride	51	150	51	22	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00145

Initial Pressure (psig): -2.96 Final Pressure (psig): 7.25

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	180	540	180	82	**U**
75-27-4	Bromodichloromethane	47	150	47	22	**U**
79-01-6	Trichloroethene	59	180	59	25	**U**
123-91-1	1,4-Dioxane	88	270	88	33	**U**
142-82-5	n-Heptane	150	240	150	39	**U**
108-10-1	4-Methyl-2-pentanone	78	460	78	33	**U**
108-88-3	Toluene	**55**	260	84	32	**J**
591-78-6	2-Hexanone	78	460	78	30	**U**
124-48-1	Dibromochloromethane	37	110	37	15	**U**
106-93-4	1,2-Dibromoethane	41	130	41	15	**U**
127-18-4	Tetrachloroethene	47	140	47	19	**U**
100-41-4	Ethylbenzene	73	220	73	32	**U**
179601-23-1	m,p-Xylenes	150	430	150	60	**U**
75-25-2	Bromoform	58	96	58	20	**U**
100-42-5	Styrene	140	230	140	38	**U**
95-47-6	o-Xylene	73	230	73	33	**U**
108-67-8	1,3,5-Trimethylbenzene	65	200	65	29	**U**
95-63-6	1,2,4-Trimethylbenzene	65	200	65	28	**U**
120-82-1	1,2,4-Trichlorobenzene	81	250	81	33	**U**
91-20-3	Naphthalene	110	190	110	46	**U**
1330-20-7	Xylenes, Total	150	430	150	60	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS00967

Initial Pressure (psig): -5.32 Final Pressure (psig): 8.45

Container Dilution Factor: 2.47

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4,900**	7,500	4,600	1,900	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,600	2,600	1,600	430	**U**
74-87-3	Chloromethane	3,800	6,200	3,800	1,000	**U**
75-01-4	Vinyl Chloride	1,600	5,100	1,600	550	**U**
106-99-0	1,3-Butadiene	3,600	5,800	3,600	980	**U**
75-00-3	Chloroethane	3,000	4,900	3,000	620	**U**
64-17-5	Ethanol	11,000	70,000	11,000	4,900	**U**
67-64-1	Acetone	28,000	54,000	28,000	12,000	**U**
75-69-4	Trichlorofluoromethane	1,400	2,200	1,400	360	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	6,300	10,000	6,300	2,200	**U**
75-09-2	Methylene Chloride	2,300	3,700	2,300	1,100	**U**
76-13-1	Trichlorotrifluoroethane	550	1,700	550	250	**U**
75-15-0	Carbon Disulfide	4,300	7,900	4,300	1,300	**U**
75-34-3	1,1-Dichloroethane	2,000	3,300	2,000	480	**U**
78-93-3	2-Butanone (MEK)	2,700	8,400	2,700	920	**U**
141-78-6	Ethyl Acetate	4,500	6,900	4,500	1,900	**U**
110-54-3	n-Hexane	**620,000**	7,300	4,500	1,500	**D**
67-66-3	Chloroform	860	2,700	860	360	**U**
109-99-9	Tetrahydrofuran (THF)	1,400	8,400	1,400	560	**U**
107-06-2	1,2-Dichloroethane	1,000	3,200	1,000	360	**U**
71-43-2	Benzene	**250,000**	4,000	1,300	600	
56-23-5	Carbon Tetrachloride	670	2,000	670	290	**U**

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS00967

Initial Pressure (psig): -5.32 Final Pressure (psig): 8.45

Container Dilution Factor: 2.47

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**730,000**		7,200	2,400	1,100	
75-27-4	Bromodichloromethane		630	1,900	630	280	**U**
79-01-6	Trichloroethene		780	2,300	780	330	**U**
123-91-1	1,4-Dioxane		1,200	3,600	1,200	430	**U**
142-82-5	n-Heptane	**510,000**		3,100	1,900	510	
108-10-1	4-Methyl-2-pentanone		1,000	6,000	1,000	440	**U**
108-88-3	Toluene	**350,000**		3,400	1,100	430	
591-78-6	2-Hexanone		1,000	6,000	1,000	400	**U**
124-48-1	Dibromochloromethane		490	1,500	490	200	**U**
106-93-4	1,2-Dibromoethane	**1,100**		1,700	550	200	**J**
127-18-4	Tetrachloroethene		620	1,900	620	250	**U**
100-41-4	Ethylbenzene	**23,000**		3,000	970	430	
179601-23-1	m,p-Xylenes	**66,000**		5,700	1,900	800	
75-25-2	Bromoform		760	1,300	760	260	**U**
100-42-5	Styrene		1,900	3,000	1,900	500	**U**
95-47-6	o-Xylene	**21,000**		3,000	970	440	
108-67-8	1,3,5-Trimethylbenzene	**1,900**		2,700	850	390	**J**
95-63-6	1,2,4-Trimethylbenzene	**2,900**		2,600	850	370	
120-82-1	1,2,4-Trichlorobenzene		1,100	3,300	1,100	430	**U**
91-20-3	Naphthalene		1,500	2,500	1,500	610	**U**
1330-20-7	Xylenes, Total	**87,000**		5,700	1,900	800	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS00870

Initial Pressure (psig): -3.25 Final Pressure (psig): 8.63

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5,400**	2,500	1,500	620	
75-71-8	Dichlorodifluoromethane (CFC 12)	530	860	530	140	**U**
74-87-3	Chloromethane	1,300	2,100	1,300	340	**U**
75-01-4	Vinyl Chloride	540	1,700	540	180	**U**
106-99-0	1,3-Butadiene	1,200	1,900	1,200	320	**U**
75-00-3	Chloroethane	990	1,600	990	200	**U**
64-17-5	Ethanol	3,600	23,000	3,600	1,600	**U**
67-64-1	Acetone	9,300	18,000	9,300	4,100	**U**
75-69-4	Trichlorofluoromethane	460	740	460	120	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,100	3,300	2,100	730	**U**
75-09-2	Methylene Chloride	750	1,200	750	350	**U**
76-13-1	Trichlorotrifluoroethane	180	560	180	81	**U**
75-15-0	Carbon Disulfide	1,400	2,600	1,400	420	**U**
75-34-3	1,1-Dichloroethane	670	1,100	670	160	**U**
78-93-3	2-Butanone (MEK)	890	2,800	890	300	**U**
141-78-6	Ethyl Acetate	1,500	2,300	1,500	630	**U**
110-54-3	n-Hexane	**290,000**	3,000	1,900	640	**D**
67-66-3	Chloroform	280	890	280	120	**U**
109-99-9	Tetrahydrofuran (THF)	470	2,800	470	190	**U**
107-06-2	1,2-Dichloroethane	340	1,000	340	120	**U**
71-43-2	Benzene	**95,000**	1,300	430	200	
56-23-5	Carbon Tetrachloride	220	660	220	96	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV09-250-212**	ALS Project ID:	P2101897
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2101897-014
Test Code:	EPA TO-15	Date Collected:	4/5/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	4/9/21
Analyst:	Wida Ang	Date Analyzed:	4/26/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00025 Liter(s)
Test Notes:			0.00010 Liter(s)
Container ID:	1SS00870		

Initial Pressure (psig): -3.25 Final Pressure (psig): 8.63

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**280,000**		2,400	810	360	
75-27-4	Bromodichloromethane		210	630	210	94	**U**
79-01-6	Trichloroethene		260	770	260	110	**U**
123-91-1	1,4-Dioxane		390	1,200	390	140	**U**
142-82-5	n-Heptane	**360,000**		2,600	1,600	420	**D**
108-10-1	4-Methyl-2-pentanone		340	2,000	340	150	**U**
108-88-3	Toluene	**310,000**		2,800	920	350	**D**
591-78-6	2-Hexanone		340	2,000	340	130	**U**
124-48-1	Dibromochloromethane		160	500	160	67	**U**
106-93-4	1,2-Dibromoethane	**1,200**		550	180	66	
127-18-4	Tetrachloroethene		200	630	200	83	**U**
100-41-4	Ethylbenzene	**16,000**		980	320	140	
179601-23-1	m,p-Xylenes	**80,000**		1,900	640	260	
75-25-2	Bromoform		250	420	250	87	**U**
100-42-5	Styrene		610	1,000	610	160	**U**
95-47-6	o-Xylene	**20,000**		1,000	320	140	
108-67-8	1,3,5-Trimethylbenzene	**1,200**		880	280	130	
95-63-6	1,2,4-Trimethylbenzene	**1,500**		860	280	120	
120-82-1	1,2,4-Trichlorobenzene		350	1,100	350	140	**U**
91-20-3	Naphthalene		480	810	480	200	**U**
1330-20-7	Xylenes, Total	**100,000**		1,900	640	260	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-266-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01067

Initial Pressure (psig): -5.11 Final Pressure (psig): 7.88

Container Dilution Factor: 2.35

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6,700**	10,000	6,200	2,500	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,200	3,500	2,200	590	**U**
74-87-3	Chloromethane	5,200	8,500	5,200	1,400	**U**
75-01-4	Vinyl Chloride	2,200	7,000	2,200	750	**U**
106-99-0	1,3-Butadiene	4,900	7,900	4,900	1,300	**U**
75-00-3	Chloroethane	4,100	6,600	4,100	840	**U**
64-17-5	Ethanol	15,000	94,000	15,000	6,600	**U**
67-64-1	Acetone	38,000	74,000	38,000	17,000	**U**
75-69-4	Trichlorofluoromethane	1,900	3,000	1,900	480	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	8,600	14,000	8,600	3,000	**U**
75-09-2	Methylene Chloride	3,100	5,000	3,100	1,500	**U**
76-13-1	Trichlorotrifluoroethane	740	2,300	740	330	**U**
75-15-0	Carbon Disulfide	5,800	11,000	5,800	1,700	**U**
75-34-3	1,1-Dichloroethane	2,700	4,500	2,700	650	**U**
78-93-3	2-Butanone (MEK)	3,600	11,000	3,600	1,300	**U**
141-78-6	Ethyl Acetate	6,100	9,300	6,100	2,600	**U**
110-54-3	n-Hexane	**760,000**	5,000	3,000	1,000	
67-66-3	Chloroform	1,200	3,600	1,200	490	**U**
109-99-9	Tetrahydrofuran (THF)	1,900	11,000	1,900	760	**U**
107-06-2	1,2-Dichloroethane	1,400	4,300	1,400	490	**U**
71-43-2	Benzene	**300,000**	5,500	1,800	810	
56-23-5	Carbon Tetrachloride	910	2,700	910	400	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-266-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01067

Initial Pressure (psig): -5.11 Final Pressure (psig): 7.88

Container Dilution Factor: 2.35

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**680,000**		9,800	3,300	1,500	
75-27-4	Bromodichloromethane		850	2,600	850	390	**U**
79-01-6	Trichloroethene		1,100	3,200	1,100	450	**U**
123-91-1	1,4-Dioxane		1,600	4,800	1,600	590	**U**
142-82-5	n-Heptane	**520,000**		4,300	2,600	700	
108-10-1	4-Methyl-2-pentanone		1,400	8,200	1,400	600	**U**
108-88-3	Toluene	**580,000**		4,600	1,500	580	
591-78-6	2-Hexanone		1,400	8,200	1,400	540	**U**
124-48-1	Dibromochloromethane		670	2,000	670	280	**U**
106-93-4	1,2-Dibromoethane	**1,200**		2,300	740	270	**J**
127-18-4	Tetrachloroethene		840	2,600	840	340	**U**
100-41-4	Ethylbenzene	**35,000**		4,000	1,300	580	
179601-23-1	m,p-Xylenes	**82,000**		7,700	2,600	1,100	
75-25-2	Bromoform		1,000	1,700	1,000	360	**U**
100-42-5	Styrene		2,500	4,100	2,500	680	**U**
95-47-6	o-Xylene	**21,000**		4,100	1,300	600	
108-67-8	1,3,5-Trimethylbenzene	**2,000**		3,600	1,200	530	**J**
95-63-6	1,2,4-Trimethylbenzene	**3,500**		3,600	1,200	510	**J**
120-82-1	1,2,4-Trichlorobenzene		1,400	4,500	1,400	590	**U**
91-20-3	Naphthalene		2,000	3,300	2,000	830	**U**
1330-20-7	Xylenes, Total	**100,000**		7,700	2,600	1,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101897

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/5/21
Analyst: Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/23 - 4/27/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210423-MB	**108**	**102**	**94**	70-130	
Method Blank	P210426-MB	**100**	**105**	**103**	70-130	
Method Blank	P210427-MB	**109**	**102**	**96**	70-130	
Lab Control Sample	P210423-LCS	**97**	**102**	**100**	70-130	
Lab Control Sample	P210426-LCS	**101**	**100**	**106**	70-130	
Lab Control Sample	P210427-LCS	**116**	**96**	**92**	70-130	
Duplicate Lab Control Sample	P210423-DLCS	**96**	**102**	**101**	70-130	
Duplicate Lab Control Sample	P210426-DLCS	**101**	**100**	**106**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**111**	**98**	**96**	70-130	
SV03-100-212	P2101897-001	**98**	**105**	**101**	70-130	
SV03-250-212	P2101897-002	**97**	**105**	**103**	70-130	
SV03-300-212	P2101897-003	**98**	**102**	**101**	70-130	
SV04-050-612	P2101897-004	**99**	**106**	**102**	70-130	
SV04-050-212	P2101897-005	**100**	**105**	**104**	70-130	
SV04-100-212	P2101897-006	**99**	**106**	**104**	70-130	
SV04-250-212	P2101897-007	**100**	**108**	**105**	70-130	
SV04-300-212	P2101897-008	**100**	**103**	**102**	70-130	
SV08-050-212	P2101897-009	**98**	**104**	**101**	70-130	
SV08-100-212	P2101897-010	**128**	**97**	**92**	70-130	
SV08-250-212	P2101897-011	**105**	**103**	**98**	70-130	
SV09-050-212	P2101897-012	**101**	**105**	**105**	70-130	
SV09-100-212	P2101897-013	**103**	**105**	**104**	70-130	
SV09-250-212	P2101897-014	**100**	**91**	**98**	70-130	
SV09-266-212	P2101897-015	**98**	**104**	**109**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	118	117	**97**	**96**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.2	42.1	**97**	**99**	59-128	2	25	
74-87-3	Chloromethane	99.8	95.1	94.1	**95**	**94**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	81.6	82.8	**100**	**102**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	107	110	**113**	**116**	66-134	3	25	
75-00-3	Chloroethane	77.3	80.6	81.3	**104**	**105**	63-127	1	25	
64-17-5	Ethanol	530	493	492	**93**	**93**	59-125	0	25	
67-64-1	Acetone	435	435	423	**100**	**97**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	35.8	35.7	**99**	**98**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	173	173	**104**	**104**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	61.3	61.7	**102**	**103**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.3	27.9	**98**	**100**	66-126	2	25	
75-15-0	Carbon Disulfide	137	128	130	**93**	**95**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	52.1	52.3	**99**	**100**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	147	147	**105**	**105**	67-130	0	25	
141-78-6	Ethyl Acetate	117	151	151	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	55.8	55.7	**93**	**93**	63-120	0	25	
67-66-3	Chloroform	43.8	43.4	43.8	**99**	**100**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	134	136	**99**	**100**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	52.2	52.3	**102**	**102**	65-128	0	25	
71-43-2	Benzene	63.9	64.5	65.2	**101**	**102**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	32.7	33.1	**98**	**99**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	123	124	**102**	**102**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	32.6	33.1	**104**	**105**	72-128	1	25	
79-01-6	Trichloroethene	38.3	39.8	40.6	**104**	**106**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	58.6	59.4	**102**	**103**	71-122	1	25	
142-82-5	n-Heptane	51.3	52.7	53.1	**103**	**104**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	108	108	**106**	**106**	67-130	0	25	
108-88-3	Toluene	54.7	57.3	58.3	**105**	**107**	66-119	2	25	
591-78-6	2-Hexanone	98.7	106	107	**107**	**108**	62-128	0.9	25	
124-48-1	Dibromochloromethane	24.7	28.6	29.2	**116**	**118**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	31.6	32.2	**117**	**119**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	33.0	34.0	**109**	**112**	66-124	3	25	
100-41-4	Ethylbenzene	47.4	52.5	53.5	**111**	**113**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	103	105	**109**	**111**	61-134	2	25	
75-25-2	Bromoform	20.1	22.7	23.2	**113**	**115**	66-139	2	25	
100-42-5	Styrene	48.4	52.8	54.1	**109**	**112**	73-127	3	25	
95-47-6	o-Xylene	47.4	52.0	52.9	**110**	**112**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.7	44.5	**104**	**106**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	44.9	45.5	**108**	**110**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	58.9	60.6	**113**	**116**	55-142	3	25	
91-20-3	Naphthalene	37.8	44.2	45.7	**117**	**121**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	107	112	**88**	**92**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.7	42.4	**98**	**100**	59-128	2	25	
74-87-3	Chloromethane	99.8	88.6	88.0	**89**	**88**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	77.2	80.0	**95**	**98**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	99.1	103	**104**	**108**	66-134	4	25	
75-00-3	Chloroethane	77.3	74.1	78.1	**96**	**101**	63-127	5	25	
64-17-5	Ethanol	530	448	471	**85**	**89**	59-125	5	25	
67-64-1	Acetone	435	395	411	**91**	**94**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	36.9	37.8	**102**	**104**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	166	178	**100**	**107**	52-125	7	25	
75-09-2	Methylene Chloride	59.9	60.3	62.9	**101**	**105**	62-115	4	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.6	28.0	**99**	**100**	66-126	1	25	
75-15-0	Carbon Disulfide	137	124	133	**91**	**97**	57-134	6	25	
75-34-3	1,1-Dichloroethane	52.4	49.0	51.0	**94**	**97**	68-126	3	25	
78-93-3	2-Butanone (MEK)	140	139	140	**99**	**100**	67-130	1	25	
141-78-6	Ethyl Acetate	117	138	144	**118**	**123**	65-128	4	25	
110-54-3	n-Hexane	60.2	50.6	52.8	**84**	**88**	63-120	5	25	
67-66-3	Chloroform	43.8	42.3	43.5	**97**	**99**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	124	130	**91**	**96**	64-123	5	25	
107-06-2	1,2-Dichloroethane	51.4	52.0	53.2	**101**	**104**	65-128	3	25	
71-43-2	Benzene	63.9	61.8	63.5	**97**	**99**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	34.1	34.1	**102**	**102**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	117	120	**97**	**99**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	32.8	33.2	**104**	**106**	72-128	2	25	
79-01-6	Trichloroethene	38.3	39.6	40.3	**103**	**105**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	56.1	57.9	**97**	**100**	71-122	3	25	
142-82-5	n-Heptane	51.3	50.1	51.8	**98**	**101**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	102	102	104	**100**	**102**	67-130	2	25	
108-88-3	Toluene	54.7	54.5	55.2	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	98.7	98.2	99.9	**99**	**101**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	28.5	28.5	**115**	**115**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	30.5	30.9	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	32.8	32.8	**108**	**108**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	50.1	50.6	**106**	**107**	70-124	0.9	25	
179601-23-1	m,p-Xylenes	94.9	98.6	99.6	**104**	**105**	61-134	1	25	
75-25-2	Bromoform	20.1	22.9	22.8	**114**	**113**	66-139	0.9	25	
100-42-5	Styrene	48.4	50.6	51.3	**105**	**106**	73-127	0.9	25	
95-47-6	o-Xylene	47.4	49.9	50.4	**105**	**106**	67-125	0.9	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	42.8	42.9	**102**	**102**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	43.3	43.7	**104**	**105**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.0	58.8	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	43.7	43.9	**116**	**116**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	134	127	**110**	**104**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	47.6	45.2	**112**	**106**	59-128	6	25	
74-87-3	Chloromethane	99.8	102	104	**102**	**104**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	90.3	91.8	**111**	**113**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	119	114	**125**	**120**	66-134	4	25	
75-00-3	Chloroethane	77.3	83.1	77.0	**108**	**100**	63-127	8	25	
64-17-5	Ethanol	530	524	482	**99**	**91**	59-125	8	25	
67-64-1	Acetone	435	459	427	**106**	**98**	58-128	8	25	
75-69-4	Trichlorofluoromethane	36.3	41.4	38.4	**114**	**106**	62-126	7	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	204	187	**123**	**113**	52-125	8	25	
75-09-2	Methylene Chloride	59.9	67.3	62.9	**112**	**105**	62-115	6	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.1	27.4	**101**	**98**	66-126	3	25	
75-15-0	Carbon Disulfide	137	146	134	**107**	**98**	57-134	9	25	
75-34-3	1,1-Dichloroethane	52.4	58.8	55.3	**112**	**106**	68-126	6	25	
78-93-3	2-Butanone (MEK)	140	159	150	**114**	**107**	67-130	6	25	
141-78-6	Ethyl Acetate	117	169	158	**144**	**135**	65-128	6	25	**L**
110-54-3	n-Hexane	60.2	61.9	58.7	**103**	**98**	63-120	5	25	
67-66-3	Chloroform	43.8	49.5	46.8	**113**	**107**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	136	144	139	**106**	**102**	64-123	4	25	
107-06-2	1,2-Dichloroethane	51.4	62.6	58.7	**122**	**114**	65-128	7	25	
71-43-2	Benzene	63.9	67.3	66.0	**105**	**103**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	36.5	35.5	**109**	**106**	68-132	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

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LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	126	124	**104**	**102**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	36.0	35.1	**115**	**112**	72-128	3	25	
79-01-6	Trichloroethene	38.3	39.8	39.9	**104**	**104**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	60.3	59.2	**105**	**103**	71-122	2	25	
142-82-5	n-Heptane	51.3	55.1	54.2	**107**	**106**	69-123	0.9	25	
108-10-1	4-Methyl-2-pentanone	102	116	113	**114**	**111**	67-130	3	25	
108-88-3	Toluene	54.7	55.5	55.5	**101**	**101**	66-119	0	25	
591-78-6	2-Hexanone	98.7	113	109	**114**	**110**	62-128	4	25	
124-48-1	Dibromochloromethane	24.7	28.1	28.2	**114**	**114**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	30.5	30.8	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	30.6	31.3	**101**	**103**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	51.8	51.6	**109**	**109**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	103	102	**109**	**107**	61-134	2	25	
75-25-2	Bromoform	20.1	21.8	22.1	**108**	**110**	66-139	2	25	
100-42-5	Styrene	48.4	50.8	51.0	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	47.4	51.9	51.5	**109**	**109**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.4	43.2	**104**	**103**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	45.5	44.8	**110**	**108**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.2	58.4	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	43.8	43.4	**116**	**115**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00597

Initial Pressure (psig): -4.76 Final Pressure (psig): 8.30

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	3,000	4,800	3,000	1,200	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	3,000	4,800	3,000	800	**U**
74-87-3	Chloromethane	3,000	4,800	3,000	790	**U**
75-01-4	Vinyl Chloride	1,600	4,900	1,600	530	**U**
106-99-0	1,3-Butadiene	3,000	4,800	3,000	810	**U**
75-00-3	Chloroethane	3,000	4,800	3,000	610	**U**
64-17-5	Ethanol	7,700	49,000	7,700	3,400	**U**
67-64-1	Acetone	25,000	48,000	25,000	11,000	**U**
75-69-4	Trichlorofluoromethane	3,000	4,700	3,000	750	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,800	9,200	5,800	2,000	**U**
75-09-2	Methylene Chloride	3,000	4,800	3,000	1,400	**U**
76-13-1	Trichlorotrifluoroethane	1,600	4,900	1,600	700	**U**
75-15-0	Carbon Disulfide	5,000	9,200	5,000	1,500	**U**
75-34-3	1,1-Dichloroethane	3,000	5,000	3,000	720	**U**
78-93-3	2-Butanone (MEK)	3,000	9,200	3,000	1,000	**U**
141-78-6	Ethyl Acetate	6,000	9,200	6,000	2,600	**U**
110-54-3	n-Hexane	**270,000**	4,800	3,000	1,000	
67-66-3	Chloroform	1,600	4,900	1,600	660	**U**
109-99-9	Tetrahydrofuran (THF)	1,600	9,200	1,600	620	**U**
107-06-2	1,2-Dichloroethane	1,600	4,800	1,600	550	**U**
71-43-2	Benzene	**27,000**	4,800	1,600	710	
56-23-5	Carbon Tetrachloride	1,600	4,700	1,600	680	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-001

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes:
Container ID: 1SC00597

Initial Pressure (psig): -4.76 Final Pressure (psig): 8.30

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**860,000**	9,200	3,100	1,400	
75-27-4	Bromodichloromethane	1,600	4,800	1,600	710	**U**
79-01-6	Trichloroethene	1,600	4,700	1,600	670	**U**
123-91-1	1,4-Dioxane	1,600	4,800	1,600	580	**U**
142-82-5	n-Heptane	**180,000**	4,800	3,000	790	
108-10-1	4-Methyl-2-pentanone	1,600	9,200	1,600	670	**U**
108-88-3	Toluene	**4,800**	4,800	1,600	600	
591-78-6	2-Hexanone	1,600	9,200	1,600	610	**U**
124-48-1	Dibromochloromethane	1,600	4,800	1,600	650	**U**
106-93-4	1,2-Dibromoethane	1,600	4,800	1,600	570	**U**
127-18-4	Tetrachloroethene	1,600	4,800	1,600	640	**U**
100-41-4	Ethylbenzene	**3,400**	4,800	1,600	690	**J**
179601-23-1	m,p-Xylenes	**22,000**	9,200	3,100	1,300	
75-25-2	Bromoform	3,000	4,900	3,000	1,000	**U**
100-42-5	Styrene	3,000	4,800	3,000	790	**U**
95-47-6	o-Xylene	**2,800**	4,900	1,600	710	**J**
108-67-8	1,3,5-Trimethylbenzene	**2,100**	4,900	1,600	710	**J**
95-63-6	1,2,4-Trimethylbenzene	**870**	4,800	1,600	680	**J**
120-82-1	1,2,4-Trichlorobenzene	3,000	9,200	3,000	1,200	**U**
91-20-3	Naphthalene	2,900	4,800	2,900	1,200	**U**
1330-20-7	Xylenes, Total	**25,000**	9,200	3,100	1,300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00977

Initial Pressure (psig): -5.00 Final Pressure (psig): 7.73

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	7,400	12,000	7,400	3,000	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	7,400	12,000	7,400	2,000	**U**
74-87-3	Chloromethane	7,400	12,000	7,400	2,000	**U**
75-01-4	Vinyl Chloride	3,900	12,000	3,900	1,300	**U**
106-99-0	1,3-Butadiene	7,400	12,000	7,400	2,000	**U**
75-00-3	Chloroethane	7,400	12,000	7,400	1,500	**U**
64-17-5	Ethanol	19,000	120,000	19,000	8,500	**U**
67-64-1	Acetone	62,000	120,000	62,000	28,000	**U**
75-69-4	Trichlorofluoromethane	7,400	12,000	7,400	1,900	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	15,000	23,000	15,000	5,100	**U**
75-09-2	Methylene Chloride	7,400	12,000	7,400	3,500	**U**
76-13-1	Trichlorotrifluoroethane	3,900	12,000	3,900	1,800	**U**
75-15-0	Carbon Disulfide	12,000	23,000	12,000	3,700	**U**
75-34-3	1,1-Dichloroethane	7,600	12,000	7,600	1,800	**U**
78-93-3	2-Butanone (MEK)	7,400	23,000	7,400	2,500	**U**
141-78-6	Ethyl Acetate	15,000	23,000	15,000	6,500	**U**
110-54-3	n-Hexane	**1,500,000**	12,000	7,400	2,500	
67-66-3	Chloroform	3,900	12,000	3,900	1,600	**U**
109-99-9	Tetrahydrofuran (THF)	3,900	23,000	3,900	1,500	**U**
107-06-2	1,2-Dichloroethane	3,900	12,000	3,900	1,400	**U**
71-43-2	Benzene	**460,000**	12,000	3,900	1,800	
56-23-5	Carbon Tetrachloride	3,900	12,000	3,900	1,700	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-002

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00977

Initial Pressure (psig): -5.00 Final Pressure (psig): 7.73

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,700,000**		23,000	7,900	3,500	
75-27-4	Bromodichloromethane		3,900	12,000	3,900	1,800	**U**
79-01-6	Trichloroethene		3,900	12,000	3,900	1,700	**U**
123-91-1	1,4-Dioxane		3,900	12,000	3,900	1,500	**U**
142-82-5	n-Heptane	**1,800,000**		12,000	7,400	2,000	
108-10-1	4-Methyl-2-pentanone		3,900	23,000	3,900	1,700	**U**
108-88-3	Toluene	**1,500,000**		12,000	3,900	1,500	
591-78-6	2-Hexanone		3,900	23,000	3,900	1,500	**U**
124-48-1	Dibromochloromethane		3,900	12,000	3,900	1,600	**U**
106-93-4	1,2-Dibromoethane	**8,200**		12,000	3,900	1,400	**J**
127-18-4	Tetrachloroethene		3,900	12,000	3,900	1,600	**U**
100-41-4	Ethylbenzene	**160,000**		12,000	3,900	1,700	
179601-23-1	m,p-Xylenes	**450,000**		23,000	7,900	3,200	
75-25-2	Bromoform		7,400	12,000	7,400	2,500	**U**
100-42-5	Styrene		7,400	12,000	7,400	2,000	**U**
95-47-6	o-Xylene	**140,000**		12,000	3,900	1,800	
108-67-8	1,3,5-Trimethylbenzene	**19,000**		12,000	3,900	1,800	
95-63-6	1,2,4-Trimethylbenzene	**26,000**		12,000	3,900	1,700	
120-82-1	1,2,4-Trichlorobenzene		7,400	23,000	7,400	3,000	**U**
91-20-3	Naphthalene		7,200	12,000	7,200	3,000	**U**
1330-20-7	Xylenes, Total	**590,000**		23,000	7,900	3,200	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00582

Initial Pressure (psig): -3.92 Final Pressure (psig): 9.26

Container Dilution Factor: 2.22

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3,100**	12,000	7,100	2,900	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	7,100	12,000	7,100	1,900	**U**
74-87-3	Chloromethane	7,100	12,000	7,100	1,900	**U**
75-01-4	Vinyl Chloride	3,800	12,000	3,800	1,300	**U**
106-99-0	1,3-Butadiene	7,100	12,000	7,100	2,000	**U**
75-00-3	Chloroethane	7,100	12,000	7,100	1,500	**U**
64-17-5	Ethanol	18,000	120,000	18,000	8,200	**U**
67-64-1	Acetone	60,000	120,000	60,000	27,000	**U**
75-69-4	Trichlorofluoromethane	7,100	11,000	7,100	1,800	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	14,000	22,000	14,000	4,900	**U**
75-09-2	Methylene Chloride	7,100	12,000	7,100	3,300	**U**
76-13-1	Trichlorotrifluoroethane	3,800	12,000	3,800	1,700	**U**
75-15-0	Carbon Disulfide	12,000	22,000	12,000	3,600	**U**
75-34-3	1,1-Dichloroethane	7,300	12,000	7,300	1,700	**U**
78-93-3	2-Butanone (MEK)	7,100	22,000	7,100	2,400	**U**
141-78-6	Ethyl Acetate	14,000	22,000	14,000	6,200	**U**
110-54-3	n-Hexane	**1,100,000**	12,000	7,100	2,400	
67-66-3	Chloroform	3,800	12,000	3,800	1,600	**U**
109-99-9	Tetrahydrofuran (THF)	3,800	22,000	3,800	1,500	**U**
107-06-2	1,2-Dichloroethane	3,800	12,000	3,800	1,300	**U**
71-43-2	Benzene	**380,000**	12,000	3,800	1,700	
56-23-5	Carbon Tetrachloride	3,800	11,000	3,800	1,600	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-003

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00582

Initial Pressure (psig): -3.92 Final Pressure (psig): 9.26

Container Dilution Factor: 2.22

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,600,000**	22,000	7,500	3,300	
75-27-4	Bromodichloromethane	3,800	12,000	3,800	1,700	**U**
79-01-6	Trichloroethene	3,800	11,000	3,800	1,600	**U**
123-91-1	1,4-Dioxane	3,800	12,000	3,800	1,400	**U**
142-82-5	n-Heptane	**1,400,000**	12,000	7,100	1,900	
108-10-1	4-Methyl-2-pentanone	3,800	22,000	3,800	1,600	**U**
108-88-3	Toluene	**1,600,000**	12,000	3,800	1,400	
591-78-6	2-Hexanone	3,800	22,000	3,800	1,500	**U**
124-48-1	Dibromochloromethane	3,800	12,000	3,800	1,600	**U**
106-93-4	1,2-Dibromoethane	**6,500**	12,000	3,800	1,400	**J**
127-18-4	Tetrachloroethene	3,800	12,000	3,800	1,500	**U**
100-41-4	Ethylbenzene	**240,000**	12,000	3,800	1,700	
179601-23-1	m,p-Xylenes	**650,000**	22,000	7,500	3,100	
75-25-2	Bromoform	7,100	12,000	7,100	2,400	**U**
100-42-5	Styrene	7,100	12,000	7,100	1,900	**U**
95-47-6	o-Xylene	**200,000**	12,000	3,800	1,700	
108-67-8	1,3,5-Trimethylbenzene	**33,000**	12,000	3,800	1,700	
95-63-6	1,2,4-Trimethylbenzene	**78,000**	12,000	3,800	1,600	
120-82-1	1,2,4-Trichlorobenzene	7,100	22,000	7,100	2,900	**U**
91-20-3	Naphthalene	6,900	12,000	6,900	2,900	**U**
1330-20-7	Xylenes, Total	**850,000**	22,000	7,500	3,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-612** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00893

Initial Pressure (psig): -3.54 Final Pressure (psig): 8.73

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	6,700	11,000	6,700	2,700	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	6,700	11,000	6,700	1,800	**U**
74-87-3	Chloromethane	6,700	11,000	6,700	1,800	**U**
75-01-4	Vinyl Chloride	3,600	11,000	3,600	1,200	**U**
106-99-0	1,3-Butadiene	6,700	11,000	6,700	1,800	**U**
75-00-3	Chloroethane	6,700	11,000	6,700	1,400	**U**
64-17-5	Ethanol	17,000	110,000	17,000	7,800	**U**
67-64-1	Acetone	57,000	110,000	57,000	25,000	**U**
75-69-4	Trichlorofluoromethane	6,700	11,000	6,700	1,700	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	13,000	21,000	13,000	4,600	**U**
75-09-2	Methylene Chloride	6,700	11,000	6,700	3,200	**U**
76-13-1	Trichlorotrifluoroethane	3,600	11,000	3,600	1,600	**U**
75-15-0	Carbon Disulfide	11,000	21,000	11,000	3,400	**U**
75-34-3	1,1-Dichloroethane	6,900	11,000	6,900	1,600	**U**
78-93-3	2-Butanone (MEK)	6,700	21,000	6,700	2,300	**U**
141-78-6	Ethyl Acetate	14,000	21,000	14,000	5,900	**U**
110-54-3	n-Hexane	6,700	11,000	6,700	2,300	**U**
67-66-3	Chloroform	3,600	11,000	3,600	1,500	**U**
109-99-9	Tetrahydrofuran (THF)	3,600	21,000	3,600	1,400	**U**
107-06-2	1,2-Dichloroethane	3,600	11,000	3,600	1,200	**U**
71-43-2	Benzene	**50,000**	11,000	3,600	1,600	
56-23-5	Carbon Tetrachloride	3,600	11,000	3,600	1,600	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-612** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-004

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00893

Initial Pressure (psig): -3.54 Final Pressure (psig): 8.73

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	7,100	21,000	7,100	3,200	**U**
75-27-4	Bromodichloromethane	3,600	11,000	3,600	1,600	**U**
79-01-6	Trichloroethene	3,600	11,000	3,600	1,500	**U**
123-91-1	1,4-Dioxane	3,600	11,000	3,600	1,300	**U**
142-82-5	n-Heptane	6,700	11,000	6,700	1,800	**U**
108-10-1	4-Methyl-2-pentanone	3,600	21,000	3,600	1,500	**U**
108-88-3	Toluene	**3,900**	11,000	3,600	1,400	**J**
591-78-6	2-Hexanone	3,600	21,000	3,600	1,400	**U**
124-48-1	Dibromochloromethane	3,600	11,000	3,600	1,500	**U**
106-93-4	1,2-Dibromoethane	3,600	11,000	3,600	1,300	**U**
127-18-4	Tetrachloroethene	3,600	11,000	3,600	1,400	**U**
100-41-4	Ethylbenzene	3,600	11,000	3,600	1,600	**U**
179601-23-1	m,p-Xylenes	7,100	21,000	7,100	2,900	**U**
75-25-2	Bromoform	6,700	11,000	6,700	2,300	**U**
100-42-5	Styrene	6,700	11,000	6,700	1,800	**U**
95-47-6	o-Xylene	3,600	11,000	3,600	1,600	**U**
108-67-8	1,3,5-Trimethylbenzene	3,600	11,000	3,600	1,600	**U**
95-63-6	1,2,4-Trimethylbenzene	3,600	11,000	3,600	1,600	**U**
120-82-1	1,2,4-Trichlorobenzene	6,700	21,000	6,700	2,700	**U**
91-20-3	Naphthalene	6,500	11,000	6,500	2,700	**U**
1330-20-7	Xylenes, Total	7,100	21,000	7,100	2,900	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-005

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -4.31 Final Pressure (psig): 7.61

Container Dilution Factor: 2.15

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	6,900	11,000	6,900	2,800	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	6,900	11,000	6,900	1,900	**U**
74-87-3	Chloromethane	6,900	11,000	6,900	1,800	**U**
75-01-4	Vinyl Chloride	3,700	11,000	3,700	1,200	**U**
106-99-0	1,3-Butadiene	6,900	11,000	6,900	1,900	**U**
75-00-3	Chloroethane	6,900	11,000	6,900	1,400	**U**
64-17-5	Ethanol	18,000	110,000	18,000	8,000	**U**
67-64-1	Acetone	58,000	110,000	58,000	26,000	**U**
75-69-4	Trichlorofluoromethane	6,900	11,000	6,900	1,700	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	14,000	22,000	14,000	4,700	**U**
75-09-2	Methylene Chloride	6,900	11,000	6,900	3,200	**U**
76-13-1	Trichlorotrifluoroethane	3,700	11,000	3,700	1,600	**U**
75-15-0	Carbon Disulfide	12,000	22,000	12,000	3,400	**U**
75-34-3	1,1-Dichloroethane	7,100	12,000	7,100	1,700	**U**
78-93-3	2-Butanone (MEK)	6,900	22,000	6,900	2,400	**U**
141-78-6	Ethyl Acetate	14,000	22,000	14,000	6,000	**U**
110-54-3	n-Hexane	6,900	11,000	6,900	2,400	**U**
67-66-3	Chloroform	3,700	11,000	3,700	1,500	**U**
109-99-9	Tetrahydrofuran (THF)	3,700	22,000	3,700	1,400	**U**
107-06-2	1,2-Dichloroethane	3,700	11,000	3,700	1,300	**U**
71-43-2	Benzene	**39,000**	11,000	3,700	1,700	
56-23-5	Carbon Tetrachloride	3,700	11,000	3,700	1,600	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-005

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -4.31 Final Pressure (psig): 7.61

Container Dilution Factor: 2.15

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	7,300	22,000	7,300	3,200	**U**
75-27-4	Bromodichloromethane	3,700	11,000	3,700	1,700	**U**
79-01-6	Trichloroethene	3,700	11,000	3,700	1,500	**U**
123-91-1	1,4-Dioxane	3,700	11,000	3,700	1,400	**U**
142-82-5	n-Heptane	6,900	11,000	6,900	1,800	**U**
108-10-1	4-Methyl-2-pentanone	3,700	22,000	3,700	1,600	**U**
108-88-3	Toluene	**2,500**	11,000	3,700	1,400	**J**
591-78-6	2-Hexanone	3,700	22,000	3,700	1,400	**U**
124-48-1	Dibromochloromethane	3,700	11,000	3,700	1,500	**U**
106-93-4	1,2-Dibromoethane	3,700	11,000	3,700	1,300	**U**
127-18-4	Tetrachloroethene	3,700	11,000	3,700	1,500	**U**
100-41-4	Ethylbenzene	3,700	11,000	3,700	1,600	**U**
179601-23-1	m,p-Xylenes	7,300	22,000	7,300	3,000	**U**
75-25-2	Bromoform	6,900	11,000	6,900	2,400	**U**
100-42-5	Styrene	6,900	11,000	6,900	1,800	**U**
95-47-6	o-Xylene	3,700	11,000	3,700	1,700	**U**
108-67-8	1,3,5-Trimethylbenzene	3,700	11,000	3,700	1,700	**U**
95-63-6	1,2,4-Trimethylbenzene	3,700	11,000	3,700	1,600	**U**
120-82-1	1,2,4-Trichlorobenzene	6,900	22,000	6,900	2,800	**U**
91-20-3	Naphthalene	6,700	11,000	6,700	2,800	**U**
1330-20-7	Xylenes, Total	7,300	22,000	7,300	3,000	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-006

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -4.37 Final Pressure (psig): 9.66

Container Dilution Factor: 2.36

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	15,000	25,000	15,000	6,100	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	15,000	25,000	15,000	4,100	**U**
74-87-3	Chloromethane	15,000	25,000	15,000	4,100	**U**
75-01-4	Vinyl Chloride	8,000	25,000	8,000	2,700	**U**
106-99-0	1,3-Butadiene	15,000	25,000	15,000	4,200	**U**
75-00-3	Chloroethane	15,000	25,000	15,000	3,100	**U**
64-17-5	Ethanol	39,000	250,000	39,000	17,000	**U**
67-64-1	Acetone	130,00	250,000	130,000	57,000	**U**
75-69-4	Trichlorofluoromethane	15,000	24,000	15,000	3,800	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	30,000	47,000	30,000	10,000	**U**
75-09-2	Methylene Chloride	15,000	25,000	15,000	7,100	**U**
76-13-1	Trichlorotrifluoroethane	8,000	25,000	8,000	3,600	**U**
75-15-0	Carbon Disulfide	25,000	47,000	25,000	7,600	**U**
75-34-3	1,1-Dichloroethane	16,000	25,000	16,000	3,700	**U**
78-93-3	2-Butanone (MEK)	15,000	47,000	15,000	5,200	**U**
141-78-6	Ethyl Acetate	31,000	47,000	31,000	13,000	**U**
110-54-3	n-Hexane	**2,900,000**	25,000	15,000	5,200	
67-66-3	Chloroform	8,000	25,000	8,000	3,400	**U**
109-99-9	Tetrahydrofuran (THF)	8,000	47,000	8,000	3,200	**U**
107-06-2	1,2-Dichloroethane	8,000	25,000	8,000	2,800	**U**
71-43-2	Benzene	**1,000,000**	25,000	8,000	3,600	
56-23-5	Carbon Tetrachloride	8,000	24,000	8,000	3,500	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-006

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -4.37 Final Pressure (psig): 9.66

Container Dilution Factor: 2.36

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,800,000**		47,000	16,000	7,100	
75-27-4	Bromodichloromethane		8,000	25,000	8,000	3,600	**U**
79-01-6	Trichloroethene		8,000	24,000	8,000	3,400	**U**
123-91-1	1,4-Dioxane		8,000	25,000	8,000	3,000	**U**
142-82-5	n-Heptane	**2,800,000**		25,000	15,000	4,000	
108-10-1	4-Methyl-2-pentanone		8,000	47,000	8,000	3,400	**U**
108-88-3	Toluene	**2,800,000**		25,000	8,000	3,100	
591-78-6	2-Hexanone		8,000	47,000	8,000	3,100	**U**
124-48-1	Dibromochloromethane		8,000	25,000	8,000	3,300	**U**
106-93-4	1,2-Dibromoethane	**10,000**		25,000	8,000	2,900	**J**
127-18-4	Tetrachloroethene		8,000	25,000	8,000	3,300	**U**
100-41-4	Ethylbenzene	**180,000**		25,000	8,000	3,500	
179601-23-1	m,p-Xylenes	**530,000**		47,000	16,000	6,600	
75-25-2	Bromoform		15,000	25,000	15,000	5,200	**U**
100-42-5	Styrene		15,000	25,000	15,000	4,100	**U**
95-47-6	o-Xylene	**140,000**		25,000	8,000	3,600	
108-67-8	1,3,5-Trimethylbenzene	**13,000**		25,000	8,000	3,600	**J**
95-63-6	1,2,4-Trimethylbenzene	**21,000**		25,000	8,000	3,500	**J**
120-82-1	1,2,4-Trichlorobenzene		15,000	47,000	15,000	6,100	**U**
91-20-3	Naphthalene		15,000	25,000	15,000	6,100	**U**
1330-20-7	Xylenes, Total	**670,000**		47,000	16,000	6,600	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-007

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01125

Initial Pressure (psig): -4.16 Final Pressure (psig): 7.78

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,700**	16,000	9,700	4,000	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	9,700	16,000	9,700	2,600	**U**
74-87-3	Chloromethane	9,700	16,000	9,700	2,600	**U**
75-01-4	Vinyl Chloride	5,200	16,000	5,200	1,700	**U**
106-99-0	1,3-Butadiene	9,700	16,000	9,700	2,700	**U**
75-00-3	Chloroethane	9,700	16,000	9,700	2,000	**U**
64-17-5	Ethanol	25,000	160,000	25,000	11,000	**U**
67-64-1	Acetone	82,000	160,000	82,000	37,000	**U**
75-69-4	Trichlorofluoromethane	9,700	16,000	9,700	2,500	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	19,000	30,000	19,000	6,700	**U**
75-09-2	Methylene Chloride	9,700	16,000	9,700	4,600	**U**
76-13-1	Trichlorotrifluoroethane	5,200	16,000	5,200	2,300	**U**
75-15-0	Carbon Disulfide	16,000	30,000	16,000	4,900	**U**
75-34-3	1,1-Dichloroethane	10,000	16,000	10,000	2,400	**U**
78-93-3	2-Butanone (MEK)	9,700	30,000	9,700	3,300	**U**
141-78-6	Ethyl Acetate	20,000	30,000	20,000	8,500	**U**
110-54-3	n-Hexane	**2,800,000**	16,000	9,700	3,300	
67-66-3	Chloroform	5,200	16,000	5,200	2,200	**U**
109-99-9	Tetrahydrofuran (THF)	5,200	30,000	5,200	2,000	**U**
107-06-2	1,2-Dichloroethane	5,200	16,000	5,200	1,800	**U**
71-43-2	Benzene	**640,000**	16,000	5,200	2,300	
56-23-5	Carbon Tetrachloride	5,200	16,000	5,200	2,300	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-007

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01125

Initial Pressure (psig): -4.16 Final Pressure (psig): 7.78

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,300,000**		30,000	10,000	4,600	
75-27-4	Bromodichloromethane		5,200	16,000	5,200	2,300	**U**
79-01-6	Trichloroethene		5,200	16,000	5,200	2,200	**U**
123-91-1	1,4-Dioxane		5,200	16,000	5,200	1,900	**U**
142-82-5	n-Heptane	**2,900,000**		16,000	9,700	2,600	
108-10-1	4-Methyl-2-pentanone		5,200	30,000	5,200	2,200	**U**
108-88-3	Toluene	**160,000**		16,000	5,200	2,000	
591-78-6	2-Hexanone		5,200	30,000	5,200	2,000	**U**
124-48-1	Dibromochloromethane		5,200	16,000	5,200	2,100	**U**
106-93-4	1,2-Dibromoethane		5,200	16,000	5,200	1,900	**U**
127-18-4	Tetrachloroethene		5,200	16,000	5,200	2,100	**U**
100-41-4	Ethylbenzene	**11,000**		16,000	5,200	2,300	**J**
179601-23-1	m,p-Xylenes	**78,000**		30,000	10,000	4,300	
75-25-2	Bromoform		9,700	16,000	9,700	3,300	**U**
100-42-5	Styrene		9,700	16,000	9,700	2,600	**U**
95-47-6	o-Xylene	**32,000**		16,000	5,200	2,300	
108-67-8	1,3,5-Trimethylbenzene		5,200	16,000	5,200	2,300	**U**
95-63-6	1,2,4-Trimethylbenzene		5,200	16,000	5,200	2,300	**U**
120-82-1	1,2,4-Trichlorobenzene		9,700	30,000	9,700	4,000	**U**
91-20-3	Naphthalene		9,400	16,000	9,400	4,000	**U**
1330-20-7	Xylenes, Total	**110,000**		30,000	10,000	4,300	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00758

Initial Pressure (psig): -3.88 Final Pressure (psig): 7.95

Container Dilution Factor: 2.09

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**830**	1,400	840	340	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	840	1,400	840	230	**U**
74-87-3	Chloromethane	840	1,400	840	220	**U**
75-01-4	Vinyl Chloride	440	1,400	440	150	**U**
106-99-0	1,3-Butadiene	840	1,400	840	230	**U**
75-00-3	Chloroethane	840	1,400	840	170	**U**
64-17-5	Ethanol	2,200	14,000	2,200	970	**U**
67-64-1	Acetone	7,100	14,000	7,100	3,100	**U**
75-69-4	Trichlorofluoromethane	840	1,300	840	210	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,600	2,600	1,600	570	**U**
75-09-2	Methylene Chloride	840	1,400	840	390	**U**
76-13-1	Trichlorotrifluoroethane	440	1,400	440	200	**U**
75-15-0	Carbon Disulfide	1,400	2,600	1,400	420	**U**
75-34-3	1,1-Dichloroethane	860	1,400	860	200	**U**
78-93-3	2-Butanone (MEK)	840	2,600	840	290	**U**
141-78-6	Ethyl Acetate	1,700	2,600	1,700	730	**U**
110-54-3	n-Hexane	**210,000**	1,400	840	290	
67-66-3	Chloroform	440	1,400	440	190	**U**
109-99-9	Tetrahydrofuran (THF)	440	2,600	440	180	**U**
107-06-2	1,2-Dichloroethane	440	1,400	440	150	**U**
71-43-2	Benzene	**85,000**	1,400	440	200	
56-23-5	Carbon Tetrachloride	440	1,300	440	190	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV04-300-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-008

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00758

Initial Pressure (psig): -3.88 Final Pressure (psig): 7.95

Container Dilution Factor: 2.09

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**260,000**		2,600	890	390	
75-27-4	Bromodichloromethane		440	1,400	440	200	**U**
79-01-6	Trichloroethene		440	1,300	440	190	**U**
123-91-1	1,4-Dioxane		440	1,400	440	160	**U**
142-82-5	n-Heptane	**220,000**		1,400	840	220	
108-10-1	4-Methyl-2-pentanone		440	2,600	440	190	**U**
108-88-3	Toluene	**7,200**		1,400	440	170	
591-78-6	2-Hexanone		440	2,600	440	170	**U**
124-48-1	Dibromochloromethane		440	1,400	440	180	**U**
106-93-4	1,2-Dibromoethane		440	1,400	440	160	**U**
127-18-4	Tetrachloroethene		440	1,400	440	180	**U**
100-41-4	Ethylbenzene	**440**		1,400	440	200	**J**
179601-23-1	m,p-Xylenes	**6,300**		2,600	890	370	
75-25-2	Bromoform		840	1,400	840	290	**U**
100-42-5	Styrene		840	1,400	840	220	**U**
95-47-6	o-Xylene	**2,200**		1,400	440	200	
108-67-8	1,3,5-Trimethylbenzene	**1,000**		1,400	440	200	**J**
95-63-6	1,2,4-Trimethylbenzene	**1,100**		1,400	440	190	**J**
120-82-1	1,2,4-Trichlorobenzene		840	2,600	840	340	**U**
91-20-3	Naphthalene		810	1,400	810	340	**U**
1330-20-7	Xylenes, Total	**8,600**		2,600	890	370	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00945

Initial Pressure (psig): -4.64 Final Pressure (psig): 7.33

Container Dilution Factor: 2.19

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2,500**	3,800	2,300	950	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,300	3,800	2,300	640	**U**
74-87-3	Chloromethane	2,300	3,800	2,300	630	**U**
75-01-4	Vinyl Chloride	1,200	3,900	1,200	420	**U**
106-99-0	1,3-Butadiene	2,300	3,800	2,300	640	**U**
75-00-3	Chloroethane	2,300	3,800	2,300	480	**U**
64-17-5	Ethanol	**5,100**	39,000	6,100	2,700	**J**
67-64-1	Acetone	20,000	38,000	20,000	8,800	**U**
75-69-4	Trichlorofluoromethane	2,300	3,700	2,300	590	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	4,600	7,300	4,600	1,600	**U**
75-09-2	Methylene Chloride	2,300	3,800	2,300	1,100	**U**
76-13-1	Trichlorotrifluoroethane	1,200	3,900	1,200	550	**U**
75-15-0	Carbon Disulfide	3,900	7,300	3,900	1,200	**U**
75-34-3	1,1-Dichloroethane	2,400	3,900	2,400	570	**U**
78-93-3	2-Butanone (MEK)	2,300	7,300	2,300	800	**U**
141-78-6	Ethyl Acetate	4,700	7,300	4,700	2,000	**U**
110-54-3	n-Hexane	**530,000**	3,800	2,300	800	
67-66-3	Chloroform	1,200	3,900	1,200	520	**U**
109-99-9	Tetrahydrofuran (THF)	1,200	7,300	1,200	490	**U**
107-06-2	1,2-Dichloroethane	1,200	3,800	1,200	430	**U**
71-43-2	Benzene	**170,000**	3,800	1,200	560	
56-23-5	Carbon Tetrachloride	1,200	3,700	1,200	540	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-009

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00945

Initial Pressure (psig): -4.64 Final Pressure (psig): 7.33

Container Dilution Factor: 2.19

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**610,000**		7,300	2,500	1,100	
75-27-4	Bromodichloromethane		1,200	3,800	1,200	560	**U**
79-01-6	Trichloroethene		1,200	3,700	1,200	530	**U**
123-91-1	1,4-Dioxane		1,200	3,800	1,200	460	**U**
142-82-5	n-Heptane	**720,000**		3,800	2,300	620	
108-10-1	4-Methyl-2-pentanone		1,200	7,300	1,200	530	**U**
108-88-3	Toluene	**63,000**		3,800	1,200	470	
591-78-6	2-Hexanone		1,200	7,300	1,200	480	**U**
124-48-1	Dibromochloromethane		1,200	3,800	1,200	510	**U**
106-93-4	1,2-Dibromoethane		1,200	3,800	1,200	450	**U**
127-18-4	Tetrachloroethene		1,200	3,800	1,200	500	**U**
100-41-4	Ethylbenzene	**1,700**		3,800	1,200	550	**J**
179601-23-1	m,p-Xylenes	**39,000**		7,300	2,500	1,000	
75-25-2	Bromoform		2,300	3,900	2,300	800	**U**
100-42-5	Styrene		2,300	3,800	2,300	630	**U**
95-47-6	o-Xylene	**13,000**		3,900	1,200	560	
108-67-8	1,3,5-Trimethylbenzene	**1,700**		3,900	1,200	560	**J**
95-63-6	1,2,4-Trimethylbenzene	**1,400**		3,800	1,200	540	**J**
120-82-1	1,2,4-Trichlorobenzene		2,300	7,300	2,300	950	**U**
91-20-3	Naphthalene		2,300	3,800	2,300	950	**U**
1330-20-7	Xylenes, Total	**52,000**		7,300	2,500	1,000	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00008

Initial Pressure (psig): 0.05 Final Pressure (psig): 6.99
Initial Pressure 2 (psig): -0.05 Final Pressure 2 (psig): 7.94

Container Dilution Factor: 2.27

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.5**	3.0	1.8	0.74	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.5**	3.0	1.8	0.49	
74-87-3	Chloromethane	**0.74**	3.0	1.8	0.49	**J**
75-01-4	Vinyl Chloride	0.96	3.0	0.96	0.32	**U**
106-99-0	1,3-Butadiene	1.8	3.0	1.8	0.50	**U**
75-00-3	Chloroethane	1.8	3.0	1.8	0.37	**U**
64-17-5	Ethanol	**78**	30	4.7	2.1	
67-64-1	Acetone	15	30	15	6.8	**U**
75-69-4	Trichlorofluoromethane	**2.7**	2.9	1.8	0.46	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**20**	5.7	3.6	1.2	
75-09-2	Methylene Chloride	**2.9**	3.0	1.8	0.85	**J**
76-13-1	Trichlorotrifluoroethane	**7.5**	3.0	0.96	0.43	
75-15-0	Carbon Disulfide	**6.1**	5.7	3.1	0.91	
75-34-3	1,1-Dichloroethane	1.9	3.1	1.9	0.44	**U**
78-93-3	2-Butanone (MEK)	**9.4**	5.7	1.8	0.62	
141-78-6	Ethyl Acetate	**36**	5.7	3.7	1.6	
110-54-3	n-Hexane	**28**	3.0	1.8	0.62	
67-66-3	Chloroform	**1.1**	3.0	0.96	0.40	**J**
109-99-9	Tetrahydrofuran (THF)	0.96	5.7	0.96	0.38	**U**
107-06-2	1,2-Dichloroethane	0.96	3.0	0.96	0.33	**U**
71-43-2	Benzene	**14**	3.0	0.96	0.44	
56-23-5	Carbon Tetrachloride	0.96	2.9	0.96	0.42	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-010

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00008

Initial Pressure (psig): 0.05 Final Pressure (psig): 6.99
Initial Pressure 2 (psig): -0.05 Final Pressure 2 (psig): 7.94

Container Dilution Factor: 2.27

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**13**		5.7	1.9	0.85	
75-27-4	Bromodichloromethane		0.96	3.0	0.96	0.44	**U**
79-01-6	Trichloroethene		0.96	2.9	0.96	0.41	**U**
123-91-1	1,4-Dioxane		0.96	3.0	0.96	0.36	**U**
142-82-5	n-Heptane	**54**		3.0	1.8	0.48	
108-10-1	4-Methyl-2-pentanone		0.96	5.7	0.96	0.41	**U**
108-88-3	Toluene	**47**		3.0	0.96	0.37	
591-78-6	2-Hexanone		0.96	5.7	0.96	0.37	**U**
124-48-1	Dibromochloromethane		0.96	3.0	0.96	0.40	**U**
106-93-4	1,2-Dibromoethane		0.96	3.0	0.96	0.35	**U**
127-18-4	Tetrachloroethene	**4.5**		3.0	0.96	0.39	
100-41-4	Ethylbenzene	**7.0**		3.0	0.96	0.43	
179601-23-1	m,p-Xylenes	**35**		5.7	1.9	0.79	
75-25-2	Bromoform		1.8	3.0	1.8	0.62	**U**
100-42-5	Styrene	**30**		3.0	1.8	0.49	
95-47-6	o-Xylene	**12**		3.0	0.96	0.44	
108-67-8	1,3,5-Trimethylbenzene	**7.6**		3.0	0.96	0.44	
95-63-6	1,2,4-Trimethylbenzene	**28**		3.0	0.96	0.42	
120-82-1	1,2,4-Trichlorobenzene		1.8	5.7	1.8	0.74	**U**
91-20-3	Naphthalene	**5.9**		3.0	1.8	0.74	
1330-20-7	Xylenes, Total	**48**		5.7	1.9	0.79	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00990

Initial Pressure (psig): -4.45 Final Pressure (psig): 9.00

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8,000**	4,800	3,000	1,200	
75-71-8	Dichlorodifluoromethane (CFC 12)	3,000	4,800	3,000	800	**U**
74-87-3	Chloromethane	3,000	4,800	3,000	790	**U**
75-01-4	Vinyl Chloride	1,600	4,900	1,600	530	**U**
106-99-0	1,3-Butadiene	3,000	4,800	3,000	810	**U**
75-00-3	Chloroethane	3,000	4,800	3,000	610	**U**
64-17-5	Ethanol	**7,000**	49,000	7,700	3,400	**J**
67-64-1	Acetone	25,000	48,000	25,000	11,000	**U**
75-69-4	Trichlorofluoromethane	3,000	4,700	3,000	750	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,800	9,200	5,800	2,000	**U**
75-09-2	Methylene Chloride	3,000	4,800	3,000	1,400	**U**
76-13-1	Trichlorotrifluoroethane	1,600	4,900	1,600	700	**U**
75-15-0	Carbon Disulfide	5,000	9,200	5,000	1,500	**U**
75-34-3	1,1-Dichloroethane	3,000	5,000	3,000	720	**U**
78-93-3	2-Butanone (MEK)	3,000	9,200	3,000	1,000	**U**
141-78-6	Ethyl Acetate	6,000	9,200	6,000	2,600	**U**
110-54-3	n-Hexane	**860,000**	4,800	3,000	1,000	
67-66-3	Chloroform	1,600	4,900	1,600	660	**U**
109-99-9	Tetrahydrofuran (THF)	1,600	9,200	1,600	620	**U**
107-06-2	1,2-Dichloroethane	1,600	4,800	1,600	550	**U**
71-43-2	Benzene	**570,000**	4,800	1,600	710	
56-23-5	Carbon Tetrachloride	1,600	4,700	1,600	680	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV08-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-011

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00990

Initial Pressure (psig): -4.45 Final Pressure (psig): 9.00

Container Dilution Factor: 2.31

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,500,000**		9,200	3,100	1,400	
75-27-4	Bromodichloromethane		1,600	4,800	1,600	710	**U**
79-01-6	Trichloroethene		1,600	4,700	1,600	670	**U**
123-91-1	1,4-Dioxane		1,600	4,800	1,600	580	**U**
142-82-5	n-Heptane	**560,000**		4,800	3,000	790	
108-10-1	4-Methyl-2-pentanone		1,600	9,200	1,600	670	**U**
108-88-3	Toluene	**1,100,000**		12,000	3,900	1,500	**D**
591-78-6	2-Hexanone		1,600	9,200	1,600	610	**U**
124-48-1	Dibromochloromethane		1,600	4,800	1,600	650	**U**
106-93-4	1,2-Dibromoethane	**7,500**		4,800	1,600	570	
127-18-4	Tetrachloroethene		1,600	4,800	1,600	640	**U**
100-41-4	Ethylbenzene	**55,000**		4,800	1,600	690	
179601-23-1	m,p-Xylenes	**240,000**		9,200	3,100	1,300	
75-25-2	Bromoform		3,000	4,900	3,000	1,000	**U**
100-42-5	Styrene		3,000	4,800	3,000	790	**U**
95-47-6	o-Xylene	**75,000**		4,900	1,600	710	
108-67-8	1,3,5-Trimethylbenzene	**14,000**		4,900	1,600	710	
95-63-6	1,2,4-Trimethylbenzene	**29,000**		4,800	1,600	680	
120-82-1	1,2,4-Trichlorobenzene		3,000	9,200	3,000	1,200	**U**
91-20-3	Naphthalene		2,900	4,800	2,900	1,200	**U**
1330-20-7	Xylenes, Total	**310,000**		9,200	3,100	1,300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00145

Initial Pressure (psig): -2.96 Final Pressure (psig): 7.25

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	600	970	600	240	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	600	970	600	160	**U**
74-87-3	Chloromethane	600	970	600	160	**U**
75-01-4	Vinyl Chloride	320	990	320	110	**U**
106-99-0	1,3-Butadiene	600	970	600	160	**U**
75-00-3	Chloroethane	600	970	600	120	**U**
64-17-5	Ethanol	1,600	9,900	1,600	690	**U**
67-64-1	Acetone	5,000	9,700	5,000	2,200	**U**
75-69-4	Trichlorofluoromethane	600	950	600	150	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,200	1,900	1,200	410	**U**
75-09-2	Methylene Chloride	600	970	600	280	**U**
76-13-1	Trichlorotrifluoroethane	320	990	320	140	**U**
75-15-0	Carbon Disulfide	1,000	1,900	1,000	300	**U**
75-34-3	1,1-Dichloroethane	620	1,000	620	150	**U**
78-93-3	2-Butanone (MEK)	600	1,900	600	210	**U**
141-78-6	Ethyl Acetate	1,200	1,900	1,200	520	**U**
110-54-3	n-Hexane	600	970	600	210	**U**
67-66-3	Chloroform	320	990	320	130	**U**
109-99-9	Tetrahydrofuran (THF)	320	1,900	320	130	**U**
107-06-2	1,2-Dichloroethane	320	970	320	110	**U**
71-43-2	Benzene	320	970	320	140	**U**
56-23-5	Carbon Tetrachloride	320	950	320	140	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-050-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-012

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00145

Initial Pressure (psig): -2.96 Final Pressure (psig): 7.25

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	640	1,900	640	280	**U**
75-27-4	Bromodichloromethane	320	970	320	140	**U**
79-01-6	Trichloroethene	320	950	320	130	**U**
123-91-1	1,4-Dioxane	320	970	320	120	**U**
142-82-5	n-Heptane	600	970	600	160	**U**
108-10-1	4-Methyl-2-pentanone	320	1,900	320	140	**U**
108-88-3	Toluene	**210**	970	320	120	**J**
591-78-6	2-Hexanone	320	1,900	320	120	**U**
124-48-1	Dibromochloromethane	320	970	320	130	**U**
106-93-4	1,2-Dibromoethane	320	970	320	120	**U**
127-18-4	Tetrachloroethene	320	970	320	130	**U**
100-41-4	Ethylbenzene	320	970	320	140	**U**
179601-23-1	m,p-Xylenes	640	1,900	640	260	**U**
75-25-2	Bromoform	600	990	600	210	**U**
100-42-5	Styrene	600	970	600	160	**U**
95-47-6	o-Xylene	320	990	320	140	**U**
108-67-8	1,3,5-Trimethylbenzene	320	990	320	140	**U**
95-63-6	1,2,4-Trimethylbenzene	320	970	320	140	**U**
120-82-1	1,2,4-Trichlorobenzene	600	1,900	600	240	**U**
91-20-3	Naphthalene	580	970	580	240	**U**
1330-20-7	Xylenes, Total	640	1,900	640	260	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS00967

Initial Pressure (psig): -5.32 Final Pressure (psig): 8.45

Container Dilution Factor: 2.47

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8,500**	13,000	7,900	3,200	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	7,900	13,000	7,900	2,100	**U**
74-87-3	Chloromethane	7,900	13,000	7,900	2,100	**U**
75-01-4	Vinyl Chloride	4,200	13,000	4,200	1,400	**U**
106-99-0	1,3-Butadiene	7,900	13,000	7,900	2,200	**U**
75-00-3	Chloroethane	7,900	13,000	7,900	1,600	**U**
64-17-5	Ethanol	21,000	130,000	21,000	9,100	**U**
67-64-1	Acetone	67,000	130,000	67,000	30,000	**U**
75-69-4	Trichlorofluoromethane	7,900	13,000	7,900	2,000	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	16,000	25,000	16,000	5,400	**U**
75-09-2	Methylene Chloride	7,900	13,000	7,900	3,700	**U**
76-13-1	Trichlorotrifluoroethane	4,200	13,000	4,200	1,900	**U**
75-15-0	Carbon Disulfide	13,000	25,000	13,000	4,000	**U**
75-34-3	1,1-Dichloroethane	8,200	13,000	8,200	1,900	**U**
78-93-3	2-Butanone (MEK)	7,900	25,000	7,900	2,700	**U**
141-78-6	Ethyl Acetate	16,000	25,000	16,000	6,900	**U**
110-54-3	n-Hexane	**2,200,000**	26,000	16,000	5,400	**D**
67-66-3	Chloroform	4,200	13,000	4,200	1,800	**U**
109-99-9	Tetrahydrofuran (THF)	4,200	25,000	4,200	1,700	**U**
107-06-2	1,2-Dichloroethane	4,200	13,000	4,200	1,500	**U**
71-43-2	Benzene	**800,000**	13,000	4,200	1,900	
56-23-5	Carbon Tetrachloride	4,200	13,000	4,200	1,800	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-100-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-013

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS00967

Initial Pressure (psig): -5.32 Final Pressure (psig): 8.45

Container Dilution Factor: 2.47

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,500,000**		25,000	8,400	3,700	
75-27-4	Bromodichloromethane		4,200	13,000	4,200	1,900	**U**
79-01-6	Trichloroethene		4,200	13,000	4,200	1,800	**U**
123-91-1	1,4-Dioxane		4,200	13,000	4,200	1,600	**U**
142-82-5	n-Heptane	**2,100,000**		13,000	7,900	2,100	
108-10-1	4-Methyl-2-pentanone		4,200	25,000	4,200	1,800	**U**
108-88-3	Toluene	**1,300,000**		13,000	4,200	1,600	
591-78-6	2-Hexanone		4,200	25,000	4,200	1,600	**U**
124-48-1	Dibromochloromethane		4,200	13,000	4,200	1,700	**U**
106-93-4	1,2-Dibromoethane	**8,500**		13,000	4,200	1,500	**J**
127-18-4	Tetrachloroethene		4,200	13,000	4,200	1,700	**U**
100-41-4	Ethylbenzene	**98,000**		13,000	4,200	1,900	
179601-23-1	m,p-Xylenes	**290,000**		25,000	8,400	3,500	
75-25-2	Bromoform		7,900	13,000	7,900	2,700	**U**
100-42-5	Styrene		7,900	13,000	7,900	2,100	**U**
95-47-6	o-Xylene	**90,000**		13,000	4,200	1,900	
108-67-8	1,3,5-Trimethylbenzene	**9,600**		13,000	4,200	1,900	**J**
95-63-6	1,2,4-Trimethylbenzene	**14,000**		13,000	4,200	1,800	
120-82-1	1,2,4-Trichlorobenzene		7,900	25,000	7,900	3,200	**U**
91-20-3	Naphthalene		7,700	13,000	7,700	3,200	**U**
1330-20-7	Xylenes, Total	**380,000**		25,000	8,400	3,500	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS00870

Initial Pressure (psig): -3.25 Final Pressure (psig): 8.63

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**9,300**	4,200	2,600	1,100	
75-71-8	Dichlorodifluoromethane (CFC 12)	2,600	4,200	2,600	710	**U**
74-87-3	Chloromethane	2,600	4,200	2,600	700	**U**
75-01-4	Vinyl Chloride	1,400	4,300	1,400	470	**U**
106-99-0	1,3-Butadiene	2,600	4,200	2,600	720	**U**
75-00-3	Chloroethane	2,600	4,200	2,600	540	**U**
64-17-5	Ethanol	6,800	43,000	6,800	3,000	**U**
67-64-1	Acetone	22,000	42,000	22,000	9,800	**U**
75-69-4	Trichlorofluoromethane	2,600	4,200	2,600	660	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,100	8,200	5,100	1,800	**U**
75-09-2	Methylene Chloride	2,600	4,200	2,600	1,200	**U**
76-13-1	Trichlorotrifluoroethane	1,400	4,300	1,400	620	**U**
75-15-0	Carbon Disulfide	4,400	8,200	4,400	1,300	**U**
75-34-3	1,1-Dichloroethane	2,700	4,400	2,700	640	**U**
78-93-3	2-Butanone (MEK)	2,600	8,200	2,600	900	**U**
141-78-6	Ethyl Acetate	5,300	8,200	5,300	2,300	**U**
110-54-3	n-Hexane	**1,000,000**	11,000	6,500	2,200	**D**
67-66-3	Chloroform	1,400	4,300	1,400	580	**U**
109-99-9	Tetrahydrofuran (THF)	1,400	8,200	1,400	550	**U**
107-06-2	1,2-Dichloroethane	1,400	4,200	1,400	480	**U**
71-43-2	Benzene	**300,000**	4,200	1,400	630	
56-23-5	Carbon Tetrachloride	1,400	4,200	1,400	600	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-250-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-014

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS00870

Initial Pressure (psig): -3.25 Final Pressure (psig): 8.63

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**960,000**		8,200	2,800	1,200	
75-27-4	Bromodichloromethane		1,400	4,200	1,400	630	**U**
79-01-6	Trichloroethene		1,400	4,200	1,400	590	**U**
123-91-1	1,4-Dioxane		1,400	4,200	1,400	510	**U**
142-82-5	n-Heptane	**1,500,000**		11,000	6,500	1,700	**D**
108-10-1	4-Methyl-2-pentanone		1,400	8,200	1,400	600	**U**
108-88-3	Toluene	**1,200,000**		11,000	3,500	1,300	**D**
591-78-6	2-Hexanone		1,400	8,200	1,400	540	**U**
124-48-1	Dibromochloromethane		1,400	4,200	1,400	570	**U**
106-93-4	1,2-Dibromoethane	**8,900**		4,200	1,400	510	
127-18-4	Tetrachloroethene		1,400	4,200	1,400	560	**U**
100-41-4	Ethylbenzene	**70,000**		4,200	1,400	610	
179601-23-1	m,p-Xylenes	**350,000**		8,200	2,800	1,100	
75-25-2	Bromoform		2,600	4,300	2,600	900	**U**
100-42-5	Styrene		2,600	4,200	2,600	700	**U**
95-47-6	o-Xylene	**88,000**		4,300	1,400	630	
108-67-8	1,3,5-Trimethylbenzene	**6,000**		4,300	1,400	630	
95-63-6	1,2,4-Trimethylbenzene	**7,500**		4,200	1,400	600	
120-82-1	1,2,4-Trichlorobenzene		2,600	8,200	2,600	1,100	**U**
91-20-3	Naphthalene		2,500	4,200	2,500	1,100	**U**
1330-20-7	Xylenes, Total	**440,000**		8,200	2,800	1,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-266-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01067

Initial Pressure (psig): -5.11 Final Pressure (psig): 7.88

Container Dilution Factor: 2.35

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**12,000**	17,000	11,000	4,400	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	11,000	17,000	11,000	2,900	**U**
74-87-3	Chloromethane	11,000	17,000	11,000	2,900	**U**
75-01-4	Vinyl Chloride	5,700	18,000	5,700	1,900	**U**
106-99-0	1,3-Butadiene	11,000	17,000	11,000	3,000	**U**
75-00-3	Chloroethane	11,000	17,000	11,000	2,200	**U**
64-17-5	Ethanol	28,000	180,000	28,000	12,000	**U**
67-64-1	Acetone	91,000	170,000	91,000	40,000	**U**
75-69-4	Trichlorofluoromethane	11,000	17,000	11,000	2,700	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	21,000	34,000	21,000	7,400	**U**
75-09-2	Methylene Chloride	11,000	17,000	11,000	5,000	**U**
76-13-1	Trichlorotrifluoroethane	5,700	18,000	5,700	2,600	**U**
75-15-0	Carbon Disulfide	18,000	34,000	18,000	5,400	**U**
75-34-3	1,1-Dichloroethane	11,000	18,000	11,000	2,600	**U**
78-93-3	2-Butanone (MEK)	11,000	34,000	11,000	3,700	**U**
141-78-6	Ethyl Acetate	22,000	34,000	22,000	9,400	**U**
110-54-3	n-Hexane	**2,700,000**	17,000	11,000	3,700	
67-66-3	Chloroform	5,700	18,000	5,700	2,400	**U**
109-99-9	Tetrahydrofuran (THF)	5,700	34,000	5,700	2,200	**U**
107-06-2	1,2-Dichloroethane	5,700	17,000	5,700	2,000	**U**
71-43-2	Benzene	**940,000**	17,000	5,700	2,600	
56-23-5	Carbon Tetrachloride	5,700	17,000	5,700	2,500	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV09-266-212** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101897-015

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 4/9/21
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.000070 Liter(s)
Test Notes:
Container ID: 1SC01067

Initial Pressure (psig): -5.11 Final Pressure (psig): 7.88

Container Dilution Factor: 2.35

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,300,000**		34,000	11,000	5,000	
75-27-4	Bromodichloromethane		5,700	17,000	5,700	2,600	**U**
79-01-6	Trichloroethene		5,700	17,000	5,700	2,400	**U**
123-91-1	1,4-Dioxane		5,700	17,000	5,700	2,100	**U**
142-82-5	n-Heptane	**2,100,000**		17,000	11,000	2,900	
108-10-1	4-Methyl-2-pentanone		5,700	34,000	5,700	2,500	**U**
108-88-3	Toluene	**2,200,000**		17,000	5,700	2,200	
591-78-6	2-Hexanone		5,700	34,000	5,700	2,200	**U**
124-48-1	Dibromochloromethane		5,700	17,000	5,700	2,400	**U**
106-93-4	1,2-Dibromoethane	**9,200**		17,000	5,700	2,100	**J**
127-18-4	Tetrachloroethene		5,700	17,000	5,700	2,300	**U**
100-41-4	Ethylbenzene	**150,000**		17,000	5,700	2,500	
179601-23-1	m,p-Xylenes	**350,000**		34,000	11,000	4,700	
75-25-2	Bromoform		11,000	18,000	11,000	3,700	**U**
100-42-5	Styrene		11,000	17,000	11,000	2,900	**U**
95-47-6	o-Xylene	**92,000**		18,000	5,700	2,600	
108-67-8	1,3,5-Trimethylbenzene	**9,900**		18,000	5,700	2,600	**J**
95-63-6	1,2,4-Trimethylbenzene	**17,000**		17,000	5,700	2,500	**J**
120-82-1	1,2,4-Trichlorobenzene		11,000	34,000	11,000	4,400	**U**
91-20-3	Naphthalene		10,000	17,000	10,000	4,400	**U**
1330-20-7	Xylenes, Total	**450,000**		34,000	11,000	4,700	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101897

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 4/5/21
Analyst: Wida Ang Date(s) Received: 4/9/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 4/23 - 4/27/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210423-MB	**109**	**103**	**94**	70-130	
Method Blank	P210426-MB	**100**	**105**	**103**	70-130	
Method Blank	P210427-MB	**109**	**102**	**96**	70-130	
Lab Control Sample	P210423-LCS	**98**	**102**	**100**	70-130	
Lab Control Sample	P210426-LCS	**101**	**100**	**106**	70-130	
Lab Control Sample	P210427-LCS	**116**	**96**	**92**	70-130	
Duplicate Lab Control Sample	P210423-DLCS	**96**	**102**	**101**	70-130	
Duplicate Lab Control Sample	P210426-DLCS	**101**	**100**	**106**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**111**	**98**	**96**	70-130	
SV03-100-212	P2101897-001	**99**	**105**	**101**	70-130	
SV03-250-212	P2101897-002	**97**	**105**	**103**	70-130	
SV03-300-212	P2101897-003	**98**	**103**	**101**	70-130	
SV04-050-612	P2101897-004	**99**	**106**	**102**	70-130	
SV04-050-212	P2101897-005	**100**	**105**	**104**	70-130	
SV04-100-212	P2101897-006	**99**	**105**	**104**	70-130	
SV04-250-212	P2101897-007	**100**	**108**	**105**	70-130	
SV04-300-212	P2101897-008	**100**	**103**	**102**	70-130	
SV08-050-212	P2101897-009	**98**	**104**	**101**	70-130	
SV08-100-212	P2101897-010	**128**	**96**	**92**	70-130	
SV08-250-212	P2101897-011	**105**	**103**	**98**	70-130	
SV09-050-212	P2101897-012	**101**	**105**	**105**	70-130	
SV09-100-212	P2101897-013	**103**	**105**	**104**	70-130	
SV09-250-212	P2101897-014	**100**	**91**	**98**	70-130	
SV09-266-212	P2101897-015	**98**	**104**	**109**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	203	201	**97**	**96**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	204	208	**97**	**99**	59-128	2	25	
74-87-3	Chloromethane	206	196	194	**95**	**94**	59-132	1	25	
75-01-4	Vinyl Chloride	208	208	212	**100**	**102**	64-127	2	25	
106-99-0	1,3-Butadiene	210	237	242	**113**	**115**	66-134	2	25	
75-00-3	Chloroethane	204	213	214	**104**	**105**	63-127	1	25	
64-17-5	Ethanol	998	929	926	**93**	**93**	59-125	0	25	
67-64-1	Acetone	1,030	1030	1000	**100**	**97**	58-128	3	25	
75-69-4	Trichlorofluoromethane	204	201	201	**99**	**99**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	425	424	**104**	**104**	52-125	0	25	
75-09-2	Methylene Chloride	208	213	214	**102**	**103**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	209	214	**98**	**100**	66-126	2	25	
75-15-0	Carbon Disulfide	428	400	404	**93**	**94**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	211	211	**100**	**100**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	432	433	**105**	**105**	67-130	0	25	
141-78-6	Ethyl Acetate	422	543	545	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	212	196	196	**92**	**92**	63-120	0	25	
67-66-3	Chloroform	214	212	214	**99**	**100**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	396	400	**99**	**100**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	211	212	**101**	**102**	65-128	1	25	
71-43-2	Benzene	204	206	208	**101**	**102**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	206	208	**98**	**99**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210423-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	422	426	**101**	**102**	70-117	1	25	
75-27-4	Bromodichloromethane	210	218	221	**104**	**105**	72-128	1	25	
79-01-6	Trichloroethene	206	214	218	**104**	**106**	71-123	2	25	
123-91-1	1,4-Dioxane	208	211	214	**101**	**103**	71-122	2	25	
142-82-5	n-Heptane	210	216	217	**103**	**103**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	441	444	**106**	**107**	67-130	0.9	25	
108-88-3	Toluene	206	216	220	**105**	**107**	66-119	2	25	
591-78-6	2-Hexanone	404	433	438	**107**	**108**	62-128	0.9	25	
124-48-1	Dibromochloromethane	210	244	249	**116**	**119**	70-130	3	25	
106-93-4	1,2-Dibromoethane	208	243	248	**117**	**119**	74-122	2	25	
127-18-4	Tetrachloroethene	206	224	230	**109**	**112**	66-124	3	25	
100-41-4	Ethylbenzene	206	228	232	**111**	**113**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	447	455	**108**	**110**	61-134	2	25	
75-25-2	Bromoform	208	235	240	**113**	**115**	66-139	2	25	
100-42-5	Styrene	206	225	230	**109**	**112**	73-127	3	25	
95-47-6	o-Xylene	206	226	230	**110**	**112**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	215	218	**104**	**106**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	221	224	**108**	**110**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	437	450	**113**	**116**	55-142	3	25	
91-20-3	Naphthalene	198	232	239	**117**	**121**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	184	193	**88**	**92**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	206	209	**98**	**100**	59-128	2	25	
74-87-3	Chloromethane	206	183	182	**89**	**88**	59-132	1	25	
75-01-4	Vinyl Chloride	208	197	204	**95**	**98**	64-127	3	25	
106-99-0	1,3-Butadiene	210	219	229	**104**	**109**	66-134	5	25	
75-00-3	Chloroethane	204	195	206	**96**	**101**	63-127	5	25	
64-17-5	Ethanol	998	843	888	**84**	**89**	59-125	6	25	
67-64-1	Acetone	1,030	938	975	**91**	**95**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	208	212	**102**	**104**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	408	439	**100**	**108**	52-125	8	25	
75-09-2	Methylene Chloride	208	209	218	**100**	**105**	62-115	5	25	
76-13-1	Trichlorotrifluoroethane	214	211	215	**99**	**100**	66-126	1	25	
75-15-0	Carbon Disulfide	428	386	415	**90**	**97**	57-134	7	25	
75-34-3	1,1-Dichloroethane	212	198	206	**93**	**97**	68-126	4	25	
78-93-3	2-Butanone (MEK)	412	408	414	**99**	**100**	67-130	1	25	
141-78-6	Ethyl Acetate	422	497	520	**118**	**123**	65-128	4	25	
110-54-3	n-Hexane	212	178	186	**84**	**88**	63-120	5	25	
67-66-3	Chloroform	214	206	212	**96**	**99**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	400	366	383	**92**	**96**	64-123	4	25	
107-06-2	1,2-Dichloroethane	208	210	215	**101**	**103**	65-128	2	25	
71-43-2	Benzene	204	197	203	**97**	**100**	69-119	3	25	
56-23-5	Carbon Tetrachloride	210	214	215	**102**	**102**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	403	414	**97**	**100**	70-117	3	25	
75-27-4	Bromodichloromethane	210	220	222	**105**	**106**	72-128	0.9	25	
79-01-6	Trichloroethene	206	213	216	**103**	**105**	71-123	2	25	
123-91-1	1,4-Dioxane	208	202	208	**97**	**100**	71-122	3	25	
142-82-5	n-Heptane	210	205	212	**98**	**101**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	416	418	427	**100**	**103**	67-130	3	25	
108-88-3	Toluene	206	205	208	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	404	402	409	**100**	**101**	62-128	1	25	
124-48-1	Dibromochloromethane	210	243	243	**116**	**116**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	234	237	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	206	222	223	**108**	**108**	66-124	0	25	
100-41-4	Ethylbenzene	206	218	220	**106**	**107**	70-124	0.9	25	
179601-23-1	m,p-Xylenes	412	428	433	**104**	**105**	61-134	1	25	
75-25-2	Bromoform	208	236	235	**113**	**113**	66-139	0	25	
100-42-5	Styrene	206	215	218	**104**	**106**	73-127	2	25	
95-47-6	o-Xylene	206	217	219	**105**	**106**	67-125	0.9	25	
108-67-8	1,3,5-Trimethylbenzene	206	210	211	**102**	**102**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	213	215	**104**	**105**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	438	436	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	198	229	230	**116**	**116**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	231	218	**110**	**104**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	235	223	**112**	**106**	59-128	6	25	
74-87-3	Chloromethane	206	211	214	**102**	**104**	59-132	2	25	
75-01-4	Vinyl Chloride	208	231	235	**111**	**113**	64-127	2	25	
106-99-0	1,3-Butadiene	210	264	252	**126**	**120**	66-134	5	25	
75-00-3	Chloroethane	204	219	203	**107**	**100**	63-127	7	25	
64-17-5	Ethanol	998	987	907	**99**	**91**	59-125	8	25	
67-64-1	Acetone	1,030	1090	1010	**106**	**98**	58-128	8	25	
75-69-4	Trichlorofluoromethane	204	233	216	**114**	**106**	62-126	7	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	502	460	**123**	**113**	52-125	8	25	
75-09-2	Methylene Chloride	208	234	219	**113**	**105**	62-115	7	25	
76-13-1	Trichlorotrifluoroethane	214	215	210	**100**	**98**	66-126	2	25	
75-15-0	Carbon Disulfide	428	455	418	**106**	**98**	57-134	8	25	
75-34-3	1,1-Dichloroethane	212	238	224	**112**	**106**	68-126	6	25	
78-93-3	2-Butanone (MEK)	412	469	443	**114**	**108**	67-130	5	25	
141-78-6	Ethyl Acetate	422	609	568	**144**	**135**	65-128	6	25	**L**
110-54-3	n-Hexane	212	218	207	**103**	**98**	63-120	5	25	
67-66-3	Chloroform	214	242	228	**113**	**107**	68-123	5	25	
109-99-9	Tetrahydrofuran (THF)	400	424	410	**106**	**103**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	253	238	**122**	**114**	65-128	7	25	
71-43-2	Benzene	204	215	211	**105**	**103**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	230	223	**110**	**106**	68-132	4	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	433	426	**104**	**102**	70-117	2	25	
75-27-4	Bromodichloromethane	210	241	235	**115**	**112**	72-128	3	25	
79-01-6	Trichloroethene	206	214	215	**104**	**104**	71-123	0	25	
123-91-1	1,4-Dioxane	208	217	213	**104**	**102**	71-122	2	25	
142-82-5	n-Heptane	210	226	222	**108**	**106**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	477	462	**115**	**111**	67-130	4	25	
108-88-3	Toluene	206	209	209	**101**	**101**	66-119	0	25	
591-78-6	2-Hexanone	404	461	446	**114**	**110**	62-128	4	25	
124-48-1	Dibromochloromethane	210	240	240	**114**	**114**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	235	236	**113**	**113**	74-122	0	25	
127-18-4	Tetrachloroethene	206	208	212	**101**	**103**	66-124	2	25	
100-41-4	Ethylbenzene	206	225	224	**109**	**109**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	448	442	**109**	**107**	61-134	2	25	
75-25-2	Bromoform	208	225	229	**108**	**110**	66-139	2	25	
100-42-5	Styrene	206	216	217	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	206	226	223	**110**	**108**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	213	212	**103**	**103**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	224	220	**110**	**108**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	439	433	**113**	**112**	55-142	0.9	25	
91-20-3	Naphthalene	198	229	228	**116**	**115**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04232101.D
Analyst: Wida Ang Date Analyzed: 4/23/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 01:44
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	146224		11.20	659998		13.31		334742		17.63	
	Upper Limit	204714		11.53	923997		13.64		468639		17.96	
	Lower Limit	87734		10.87	395999		12.98		200845		17.30	
	Client Sample ID											
01	Method Blank	131678		11.18	597758		13.31		287160		17.62	
02	Lab Control Sample	171002		11.20	768407		13.31		368992		17.63	
03	Duplicate Lab Control Sample	171307		11.20	765731		13.31		365852		17.63	
04	SV03-100-212	153799		11.18	701860		13.31		333083		17.62	
05	SV03-250-212	159175		11.18	719346		13.31		342143		17.63	
06	SV03-300-212	158159		11.18	720048		13.31		352174		17.62	
07	SV04-050-612	155711		11.18	696935		13.31		328822		17.62	
08	SV04-050-212	155064		11.18	691731		13.31		329113		17.62	
09	SV04-100-212	150228		11.18	676354		13.31		321017		17.62	
10	SV04-300-212	160014		11.18	723986		13.31		347520		17.62	
11	SV04-250-212	157593		11.18	718913		13.31		331348		17.62	
12	SV08-050-212	156706		11.18	712215		13.31		342373		17.63	
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04262101.D
Analyst: Wida Ang Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 05:50
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	213849		11.20	931811		13.32		468372		17.63	
	Upper Limit	299389		11.53	1304535		13.65		655721		17.96	
	Lower Limit	128309		10.87	559087		12.99		281023		17.30	
	Client Sample ID											
01	Method Blank	173948		11.18	762427		13.31		354950		17.63	
02	Lab Control Sample	194799		11.20	845422		13.32		415246		17.63	
03	SV08-250-212	171670		11.18	782869		13.31		393014		17.63	
04	SV08-250-212 (Dilution)	182956		11.18	807437		13.31		377385		17.63	
05	SV09-050-212	180562		11.18	775567		13.31		368091		17.63	
06	SV09-100-212	178726		11.18	807711		13.31		385842		17.63	
07	SV09-100-212 (Dilution)	182722		11.18	809934		13.31		379776		17.63	
08	SV09-250-212	185303		11.18	830044		13.31		458076		17.63	
09	SV09-266-212	188473		11.18	837511		13.31		394144		17.63	
10	SV09-250-212 (Dilution)	188364		11.18	834329		13.31		403108		17.63	
11	Duplicate Lab Control Sample	190477		11.20	840677		13.31		415834		17.63	
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2101897
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Lab File ID: 04272101.D
Analyst: Wida Ang Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 01:33
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	165236		11.19	737119		13.31		372696		17.62	
	Upper Limit	231330		11.52	1031967		13.64		521774		17.95	
	Lower Limit	99142		10.86	442271		12.98		223618		17.29	
	Client Sample ID											
01	Method Blank	144325		11.18	650511		13.31		313685		17.62	
02	Lab Control Sample	145845		11.20	670257		13.31		346167		17.63	
03	SV08-100-212	115145		11.18	536786		13.31		284227		17.62	
04	Duplicate Lab Control Sample	158960		11.20	716691		13.31		364050		17.63	
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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LABORATORY REPORT

May 3, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 9, 2021. For your reference, these analyses have been assigned our service request number P2101902.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 5:33 pm, May 03, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2101902
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 9, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criterion was exceeded for ethyl acetate in the Laboratory / Duplicate Laboratory Control Sample (LCS/DLCS). Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly. Manual integrations were performed on the following samples and analyte. Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2101902-005	Acetone
P2101902-005,009,017	1,2,4-Trimethylbenzene
P2101902-014,015,017	Naphthalene
P2101902-015,016	n-Nonane

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2101902
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/9/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV138-150-212	P2101902-001	Air	4/6/2021	12:48	1SS00123	-2.75	7.13	X
SV138-150-612	P2101902-002	Air	4/6/2021	12:48	1SC00282	-4.96	9.82	X
SV138-250-212	P2101902-003	Air	4/6/2021	12:55	1SC00215	-3.59	7.73	X
SV138-350-212	P2101902-004	Air	4/6/2021	12:59	1SS00974	-4.27	8.84	X
SV138-450-212	P2101902-005	Air	4/6/2021	13:10	1SC00015	-4.52	8.22	X
SV141-025-212	P2101902-006	Air	4/6/2021	11:00	1SC00276	-3.12	7.91	X
SV141-050-212	P2101902-007	Air	4/6/2021	11:06	1SS00502	-4.31	6.89	X
SV141-170-212	P2101902-008	Air	4/6/2021	11:12	1SC00894	-3.14	7.61	X
SV141-250-212	P2101902-009	Air	4/6/2021	11:18	1SC00798	-4.29	6.46	X
SV141-350-212	P2101902-010	Air	4/6/2021	11:24	1SS00958	-3.93	8.27	X
SV141-450-212	P2101902-011	Air	4/6/2021	11:33	1SS00506	-3.89	8.31	X
SV142-030-212	P2101902-012	Air	4/6/2021	08:46	1SS00716	-4.49	7.02	X
SV142-050-212	P2101902-013	Air	4/6/2021	08:53	1SS01142	-4.07	8.80	X
SV142-170-212	P2101902-014	Air	4/6/2021	08:59	1SC00926	-2.07	7.69	X
SV142-170-612	P2101902-015	Air	4/6/2021	08:59	1SS00205	-4.64	8.96	X
SV142-250-212	P2101902-016	Air	4/6/2021	09:06	1SS00591	-2.76	9.09	X
SV142-350-212	P2101902-017	Air	4/6/2021	09:12	1SC00315	-3.11	7.96	X
SV142-450-212	P2101902-018	Air	4/6/2021	09:22	1SS00739	-4.10	8.01	X
SVE06-060-212	P2101902-019	Air	4/5/2021	09:50	1SC01205	-2.46	8.27	X
SVE06-060-612	P2101902-020	Air	4/5/2021	09:50	1SC00485	-5.82	7.81	X
SVE07-160-212	P2101902-021	Air	4/5/2021	10:02	1SS01002	-4.18	8.21	X
SVE08-260-212	P2101902-022	Air	4/5/2021	09:09	1SS00056	-3.69	8.17	X
SVE09-460-212	P2101902-023	Air	4/5/2021	09:22	1SC00364	-2.41	9.66	X
SV03-050-212	P2101902-024	Air	4/5/2021	14:35	1SS00130	-4.53	8.11	X

Air - Chain of Custody Record & Analytical Service Request

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2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No: R2101902

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facilty

Project Number: 62735DM02

P.O. # / Billing Information: 17682

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting:
Tara Lamond: tlamond@eaest.com
Amanda Smith: asmith@eaest.com
Pam Moss: pmoss@eaest.com

Sampler (Print & Sign): Tyler Curley

ALS Contact: Hayden Akers
1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV138-150-212	1	4/6/2021	12:48	1SS00123	NA	-23.0	0.0	1L	X	None
SV138-150-612	2	4/6/2021	12:48	1SC00282	NA	-25.5	-5.5	1L	X	None
SV138-250-212	3	4/6/2021	12:55	1SC00215	NA	-24.0	-4.5	1L	X	None
SV138-350-212	4	4/6/2021	12:59	1SS00974	NA	-25.0	-3.5	1L	X	None
SV138-450-212	5	4/6/2021	13:10	1SC00015	NA	-25.5	-4.5	1L	X	None
SV141-025-212	6	4/6/2021	11:00	1SC00276	NA	-24.5	-2.5	1L	X	None
SV141-050-212	7	4/6/2021	11:06	1SS00502	NA	-24.5	-4.0	1L	X	None
SV141-170-212	8	4/6/2021	11:12	1SC00894	NA	-24.5	-1.0	1L	X	None
SV141-250-212	9	4/6/2021	11:18	1SC00798	NA	-22.0	-3.0	1L	X	None
SV141-350-212	10	4/6/2021	11:24	1SS00958	NA	-24.0	-2.5	1L	X	None
SV141-450-212	11	4/6/2021	11:33	1SS00506	NA	-24.0	-2.5	1L	X	None
SV142-030-212	12	4/6/2021	08:46	1SS00716	NA	-25.0	-5.0	1L	X	None

FedEX Tracking Number: 9719 9694 8935

Shipping Information: Box number 4 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Tyler Curley	4-7-21	1300			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				4-8-21	0750

Cooler / Blank Temperature NA °C

PJ101902

Page 8 of 10

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-01

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. ~~PJ10185~~ PJ101902

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Facility
Project Number	62735DM02
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
P.O. # / Billing Information	17682
Email Address for Result Reporting	Tara Lamond: tlamond@eaest.com Amanda Smith: asmith@eaest.com Pam Moss: pmoss@eaest.com
Sampler (Print & Sign)	Tyler Curtis
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV142-050-212	13	4/6/2021	08:53	1SS01142	NA	-26.0	-4.5	1L	X	None
SV142-170-212	14	4/6/2021	08:59	1SC00926	NA	-20.5	-2.5	1L	X	None
SV142-170-612	15	4/6/2021	08:59	1SS00205	NA	-25.5	-5.0	1L	X	None
SV142-250-212	16	4/6/2021	09:06	1SS00591	NA	-25.0	-1.0	1L	X	None
SV142-350-212	17	4/6/2021	09:12	1SC00315	NA	-24.5	-2.5	1L	X	None
SV142-450-212	18	4/6/2021	09:22	1SS00739	NA	-23.5	-3.5	1L	X	None
SVE06-060-212	19	4/5/2021	9:50	1SC01205	NA	-24.5	-0.5	1L	X	None
SVE06-060-612	20	4/5/2021	09:50	1SC00485	NA	-24.5	-5.0	1L	X	None
SVE07-160-212	21	4/5/2021	10:02	1SS01002	NA	-24.5	-4.0	1L	X	None
SVE08-260-212	22	4/5/2021	09:09	1SS00056	NA	-26.0	-4.5	1L	X	None
SVE09-460-212	23	4/5/2021	09:22	1SC00364	NA	-26.0	0.0	1L	X	None
SV03-050-212	24	4/5/2021	14:35	1SS00130	NA	-25.0	-4.0	1L	X	None

FedEX Tracking Number: 7911 4529 7537

Shipping information: Box number 6 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-7-21	Time: 1300	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) Date: 4-8-21 Time: 0730

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101902

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? _____ Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101902-001.01	1.0 L Source Silonite Canister					
P2101902-002.01	1.0 L Source Can					
P2101902-003.01	1.0 L Source Can					
P2101902-004.01	1.0 L Source Silonite Canister					
P2101902-005.01	1.0 L Source Can					
P2101902-006.01	1.0 L Source Can					
P2101902-007.01	1.0 L Source Silonite Canister					
P2101902-008.01	1.0 L Source Can					
P2101902-009.01	1.0 L Source Can					
P2101902-010.01	1.0 L Source Silonite Canister					
P2101902-011.01	1.0 L Source Silonite Canister					
P2101902-012.01	1.0 L Source Silonite Canister					
P2101902-013.01	1.0 L Source Silonite Canister					
P2101902-014.01	1.0 L Source Can					
P2101902-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2101902

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/9/2021 Date opened: 4/9/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2101902-016.01	1.0 L Source Silonite Canister					
P2101902-017.01	1.0 L Source Can					
P2101902-018.01	1.0 L Source Silonite Canister					
P2101902-019.01	1.0 L Source Can					
P2101902-020.01	1.0 L Source Can					
P2101902-021.01	1.0 L Source Silonite Canister					
P2101902-022.01	1.0 L Source Silonite Canister					
P2101902-023.01	1.0 L Source Can					
P2101902-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00123

Initial Pressure (psig): -2.75 Final Pressure (psig): 7.13

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.85	1.4	0.85	0.35	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.2**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.95	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.56	0.90	0.56	0.11	**U**
64-17-5	Ethanol	**2.9**	13	2.0	0.90	**J**
67-64-1	Acetone	**3.0**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**3.7**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.86**	0.32	0.10	0.045	
75-15-0	Carbon Disulfide	**2.7**	1.5	0.79	0.24	
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**0.36**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	**0.39**	1.3	0.83	0.36	**J**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	**7.9**	0.50	0.16	0.067	
109-99-9	Tetrahydrofuran (THF)	**0.17**	1.6	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.21**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.51**	0.37	0.12	0.054	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00123

Initial Pressure (psig): -2.75 Final Pressure (psig): 7.13

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	**1.1**	0.36	0.12	0.053	
79-01-6	Trichloroethene	**0.78**	0.43	0.14	0.061	
123-91-1	1,4-Dioxane	**0.22**	0.66	0.22	0.080	**J**
142-82-5	n-Heptane	0.36	0.58	0.36	0.095	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.30**	0.63	0.21	0.079	**J**
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	**0.072**	0.28	0.091	0.038	**J**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.18**	0.35	0.11	0.047	**J**
100-41-4	Ethylbenzene	0.18	0.55	0.18	0.079	**U**
179601-23-1	m,p-Xylenes	**0.20**	1.1	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	0.18	0.56	0.18	0.081	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.072	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.31**	0.48	0.16	0.069	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	**0.19**	0.45	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**0.20**	1.1	0.36	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00282

Initial Pressure (psig): -4.96 Final Pressure (psig): 9.82

Container Dilution Factor: 2.52

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.7**	1.9	1.2	0.48	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.2**	0.66	0.41	0.11	
74-87-3	Chloromethane	0.98	1.6	0.98	0.26	**U**
75-01-4	Vinyl Chloride	0.42	1.3	0.42	0.14	**U**
106-99-0	1,3-Butadiene	0.91	1.5	0.91	0.25	**U**
75-00-3	Chloroethane	0.76	1.2	0.76	0.16	**U**
64-17-5	Ethanol	**7.1**	18	2.8	1.2	**J**
67-64-1	Acetone	**24**	14	7.2	3.2	
75-69-4	Trichlorofluoromethane	**3.6**	0.57	0.36	0.091	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	2.6	1.6	0.56	**J**
75-09-2	Methylene Chloride	0.58	0.94	0.58	0.27	**U**
76-13-1	Trichlorotrifluoroethane	**0.83**	0.44	0.14	0.063	
75-15-0	Carbon Disulfide	**16**	2.0	1.1	0.32	
75-34-3	1,1-Dichloroethane	0.51	0.84	0.51	0.12	**U**
78-93-3	2-Butanone (MEK)	**2.8**	2.1	0.68	0.24	
141-78-6	Ethyl Acetate	**0.89**	1.7	1.1	0.49	**J**
110-54-3	n-Hexane	**0.20**	0.93	0.57	0.20	**J**
67-66-3	Chloroform	**7.7**	0.68	0.22	0.092	
109-99-9	Tetrahydrofuran (THF)	**1.0**	2.1	0.36	0.14	**J**
107-06-2	1,2-Dichloroethane	0.26	0.81	0.26	0.092	**U**
71-43-2	Benzene	**0.32**	1.0	0.34	0.15	**J**
56-23-5	Carbon Tetrachloride	**0.50**	0.51	0.17	0.074	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00282

Initial Pressure (psig): -4.96 Final Pressure (psig): 9.82

Container Dilution Factor: 2.52

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.62	1.8	0.62	0.27	**U**
75-27-4	Bromodichloromethane	**1.1**	0.49	0.16	0.072	
79-01-6	Trichloroethene	**0.76**	0.60	0.20	0.084	
123-91-1	1,4-Dioxane	0.30	0.91	0.30	0.11	**U**
142-82-5	n-Heptane	**0.24**	0.80	0.49	0.13	**J**
108-10-1	4-Methyl-2-pentanone	**0.12**	1.5	0.26	0.11	**J**
108-88-3	Toluene	**19**	0.87	0.28	0.11	
591-78-6	2-Hexanone	**0.39**	1.5	0.26	0.10	**J**
124-48-1	Dibromochloromethane	**0.078**	0.38	0.13	0.052	**J**
106-93-4	1,2-Dibromoethane	0.14	0.43	0.14	0.051	**U**
127-18-4	Tetrachloroethene	**0.16**	0.48	0.16	0.064	**J**
100-41-4	Ethylbenzene	**0.37**	0.75	0.25	0.11	**J**
179601-23-1	m,p-Xylenes	**2.1**	1.5	0.49	0.20	
75-25-2	Bromoform	0.20	0.32	0.20	0.067	**U**
100-42-5	Styrene	0.47	0.77	0.47	0.13	**U**
95-47-6	o-Xylene	**0.47**	0.77	0.25	0.11	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.39**	0.68	0.22	0.099	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.67	0.22	0.095	
120-82-1	1,2,4-Trichlorobenzene	0.27	0.85	0.27	0.11	**U**
91-20-3	Naphthalene	**0.57**	0.63	0.37	0.16	**J**
1330-20-7	Xylenes, Total	**2.5**	1.5	0.49	0.20	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00215

Initial Pressure (psig): -3.59 Final Pressure (psig): 7.73

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.0**	1.5	0.94	0.38	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	0.53	0.33	0.089	
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.0	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**19**	14	2.2	0.99	
67-64-1	Acetone	**19**	11	5.7	2.6	
75-69-4	Trichlorofluoromethane	**3.2**	0.46	0.29	0.073	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.8**	2.1	1.3	0.45	
75-09-2	Methylene Chloride	**0.70**	0.76	0.47	0.22	**J**
76-13-1	Trichlorotrifluoroethane	**0.86**	0.35	0.11	0.050	
75-15-0	Carbon Disulfide	**28**	1.6	0.88	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**3.4**	1.7	0.55	0.19	
141-78-6	Ethyl Acetate	**11**	1.4	0.91	0.39	
110-54-3	n-Hexane	**0.39**	0.75	0.46	0.16	**J**
67-66-3	Chloroform	**16**	0.55	0.18	0.073	
109-99-9	Tetrahydrofuran (THF)	**0.24**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**0.24**	0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.60**	0.41	0.14	0.059	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00215

Initial Pressure (psig): -3.59 Final Pressure (psig): 7.73

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**2.5**	0.39	0.13	0.058	
79-01-6	Trichloroethene	**1.3**	0.48	0.16	0.068	
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	**0.19**	0.64	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	**0.12**	1.2	0.21	0.090	**J**
108-88-3	Toluene	**1.1**	0.70	0.23	0.087	
591-78-6	2-Hexanone	**0.50**	1.2	0.21	0.081	**J**
124-48-1	Dibromochloromethane	**0.29**	0.31	0.10	0.042	**J**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.14**	0.39	0.13	0.051	**J**
100-41-4	Ethylbenzene	**0.093**	0.60	0.20	0.087	**J**
179601-23-1	m,p-Xylenes	**0.35**	1.2	0.40	0.16	**J**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**0.14**	0.62	0.20	0.090	**J**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.21**	0.53	0.17	0.076	**J**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	**0.48**	1.2	0.40	0.16	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -4.27 Final Pressure (psig): 8.84

Container Dilution Factor: 2.26

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.1	1.7	1.1	0.43	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.56**	0.59	0.37	0.099	**J**
74-87-3	Chloromethane	0.88	1.4	0.88	0.24	**U**
75-01-4	Vinyl Chloride	0.38	1.2	0.38	0.13	**U**
106-99-0	1,3-Butadiene	0.82	1.3	0.82	0.22	**U**
75-00-3	Chloroethane	0.69	1.1	0.69	0.14	**U**
64-17-5	Ethanol	**4.9**	16	2.5	1.1	**J**
67-64-1	Acetone	**4.0**	12	6.4	2.9	**J**
75-69-4	Trichlorofluoromethane	**0.94**	0.51	0.32	0.081	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.3	1.4	0.51	**U**
75-09-2	Methylene Chloride	0.52	0.85	0.52	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**0.54**	0.39	0.13	0.056	
75-15-0	Carbon Disulfide	**2.2**	1.8	0.98	0.29	
75-34-3	1,1-Dichloroethane	0.46	0.75	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**0.65**	1.9	0.61	0.21	**J**
141-78-6	Ethyl Acetate	**0.70**	1.6	1.0	0.44	**J**
110-54-3	n-Hexane	**0.18**	0.83	0.51	0.18	**J**
67-66-3	Chloroform	**19**	0.61	0.20	0.082	
109-99-9	Tetrahydrofuran (THF)	**0.24**	1.9	0.33	0.13	**J**
107-06-2	1,2-Dichloroethane	0.24	0.73	0.24	0.082	**U**
71-43-2	Benzene	**0.20**	0.92	0.30	0.14	**J**
56-23-5	Carbon Tetrachloride	**0.54**	0.46	0.15	0.066	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -4.27 Final Pressure (psig): 8.84

Container Dilution Factor: 2.26

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.56	1.6	0.56	0.25	**U**
75-27-4	Bromodichloromethane	**2.8**	0.44	0.14	0.065	
79-01-6	Trichloroethene	**1.3**	0.54	0.18	0.076	
123-91-1	1,4-Dioxane	0.27	0.82	0.27	0.099	**U**
142-82-5	n-Heptane	**0.15**	0.72	0.44	0.12	**J**
108-10-1	4-Methyl-2-pentanone	0.23	1.4	0.23	0.10	**U**
108-88-3	Toluene	**0.60**	0.78	0.25	0.097	**J**
591-78-6	2-Hexanone	**0.10**	1.4	0.23	0.091	**J**
124-48-1	Dibromochloromethane	**0.28**	0.34	0.11	0.046	**J**
106-93-4	1,2-Dibromoethane	0.13	0.38	0.13	0.046	**U**
127-18-4	Tetrachloroethene	**0.073**	0.43	0.14	0.058	**J**
100-41-4	Ethylbenzene	**0.13**	0.68	0.22	0.098	**J**
179601-23-1	m,p-Xylenes	**0.63**	1.3	0.44	0.18	**J**
75-25-2	Bromoform	0.17	0.29	0.17	0.060	**U**
100-42-5	Styrene	0.42	0.69	0.42	0.11	**U**
95-47-6	o-Xylene	**0.20**	0.69	0.22	0.10	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.12**	0.61	0.20	0.089	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.60**	0.60	0.20	0.085	**J**
120-82-1	1,2,4-Trichlorobenzene	0.24	0.76	0.24	0.099	**U**
91-20-3	Naphthalene	0.33	0.56	0.33	0.14	**U**
1330-20-7	Xylenes, Total	**0.82**	1.3	0.44	0.18	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00015

Initial Pressure (psig): -4.52 Final Pressure (psig): 8.22

Container Dilution Factor: 2.25

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.55**	1.7	1.0	0.43	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.32**	0.59	0.36	0.099	**J**
74-87-3	Chloromethane	0.87	1.4	0.87	0.23	**U**
75-01-4	Vinyl Chloride	0.37	1.2	0.37	0.13	**U**
106-99-0	1,3-Butadiene	0.81	1.3	0.81	0.22	**U**
75-00-3	Chloroethane	0.68	1.1	0.68	0.14	**U**
64-17-5	Ethanol	**5.6**	16	2.5	1.1	**J**
67-64-1	Acetone	**8.9**	12	6.4	2.8	**J**
75-69-4	Trichlorofluoromethane	**0.25**	0.51	0.32	0.081	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.78**	2.3	1.4	0.50	**J**
75-09-2	Methylene Chloride	0.52	0.84	0.52	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**0.20**	0.39	0.12	0.056	**J**
75-15-0	Carbon Disulfide	**2.3**	1.8	0.98	0.29	
75-34-3	1,1-Dichloroethane	0.46	0.75	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**1.8**	1.9	0.61	0.21	**J**
141-78-6	Ethyl Acetate	1.0	1.6	1.0	0.44	**U**
110-54-3	n-Hexane	0.51	0.83	0.51	0.18	**U**
67-66-3	Chloroform	**9.1**	0.61	0.20	0.082	
109-99-9	Tetrahydrofuran (THF)	0.32	1.9	0.32	0.13	**U**
107-06-2	1,2-Dichloroethane	0.24	0.72	0.24	0.082	**U**
71-43-2	Benzene	0.30	0.92	0.30	0.14	**U**
56-23-5	Carbon Tetrachloride	**0.81**	0.46	0.15	0.066	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00015

Initial Pressure (psig): -4.52 Final Pressure (psig): 8.22

Container Dilution Factor: 2.25

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.56	1.6	0.56	0.25	**U**
75-27-4	Bromodichloromethane	**2.3**	0.44	0.14	0.065	
79-01-6	Trichloroethene	**0.47**	0.53	0.18	0.075	**J**
123-91-1	1,4-Dioxane	0.27	0.81	0.27	0.098	**U**
142-82-5	n-Heptane	0.44	0.71	0.44	0.12	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.4	0.23	0.10	**U**
108-88-3	Toluene	**0.30**	0.78	0.25	0.097	**J**
591-78-6	2-Hexanone	**0.34**	1.4	0.23	0.091	**J**
124-48-1	Dibromochloromethane	**0.39**	0.34	0.11	0.046	
106-93-4	1,2-Dibromoethane	0.12	0.38	0.12	0.045	**U**
127-18-4	Tetrachloroethene	0.14	0.43	0.14	0.057	**U**
100-41-4	Ethylbenzene	0.22	0.67	0.22	0.097	**U**
179601-23-1	m,p-Xylenes	**0.23**	1.3	0.44	0.18	**J**
75-25-2	Bromoform	0.17	0.29	0.17	0.060	**U**
100-42-5	Styrene	0.42	0.69	0.42	0.11	**U**
95-47-6	o-Xylene	0.22	0.69	0.22	0.10	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.61	0.19	0.088	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.23**	0.60	0.19	0.085	**J**
120-82-1	1,2,4-Trichlorobenzene	0.24	0.76	0.24	0.099	**U**
91-20-3	Naphthalene	**0.16**	0.56	0.33	0.14	**J**
1330-20-7	Xylenes, Total	**0.23**	1.3	0.44	0.18	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-025-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00276

Initial Pressure (psig): -3.12 Final Pressure (psig): 7.91

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.4**	1.5	0.91	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.2**	0.51	0.32	0.086	
74-87-3	Chloromethane	**2.3**	1.2	0.76	0.20	
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.1	0.71	0.19	**U**
75-00-3	Chloroethane	**0.27**	0.96	0.59	0.12	**J**
64-17-5	Ethanol	**7.1**	14	2.1	0.96	**J**
67-64-1	Acetone	**33**	11	5.5	2.5	
75-69-4	Trichlorofluoromethane	**2.7**	0.44	0.28	0.070	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	2.0	1.2	0.44	**J**
75-09-2	Methylene Chloride	0.45	0.73	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.087**	0.34	0.11	0.048	**J**
75-15-0	Carbon Disulfide	**1.4**	1.6	0.85	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**5.5**	1.7	0.53	0.18	
141-78-6	Ethyl Acetate	**0.58**	1.4	0.88	0.38	**J**
110-54-3	n-Hexane	**0.17**	0.72	0.44	0.15	**J**
67-66-3	Chloroform	**1.2**	0.53	0.17	0.071	
109-99-9	Tetrahydrofuran (THF)	**0.20**	1.7	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.63	0.20	0.071	**U**
71-43-2	Benzene	**0.22**	0.79	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.11**	0.40	0.13	0.057	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-025-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00276

Initial Pressure (psig): -3.12 Final Pressure (psig): 7.91

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	**0.083**	0.38	0.12	0.056	**J**
79-01-6	Trichloroethene	0.15	0.46	0.15	0.065	**U**
123-91-1	1,4-Dioxane	**0.11**	0.70	0.23	0.085	**J**
142-82-5	n-Heptane	**0.11**	0.62	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	**0.15**	1.2	0.20	0.087	**J**
108-88-3	Toluene	**0.73**	0.67	0.22	0.084	
591-78-6	2-Hexanone	**0.41**	1.2	0.20	0.079	**J**
124-48-1	Dibromochloromethane	0.097	0.30	0.097	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.16**	0.37	0.12	0.050	**J**
100-41-4	Ethylbenzene	**0.18**	0.58	0.19	0.084	**J**
179601-23-1	m,p-Xylenes	**0.90**	1.1	0.38	0.16	**J**
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.099	**U**
95-47-6	o-Xylene	**0.28**	0.60	0.19	0.086	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.25**	0.53	0.17	0.076	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	0.52	0.17	0.073	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.085	**U**
91-20-3	Naphthalene	**0.63**	0.48	0.29	0.12	
1330-20-7	Xylenes, Total	**1.2**	1.1	0.38	0.16	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00502

Initial Pressure (psig): -4.31 Final Pressure (psig): 6.89

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.97	1.6	0.97	0.39	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.8**	0.55	0.34	0.092	
74-87-3	Chloromethane	0.81	1.3	0.81	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.75	1.2	0.75	0.21	**U**
75-00-3	Chloroethane	0.63	1.0	0.63	0.13	**U**
64-17-5	Ethanol	**1.1**	15	2.3	1.0	**J**
67-64-1	Acetone	5.9	11	5.9	2.6	**U**
75-69-4	Trichlorofluoromethane	**3.7**	0.47	0.30	0.075	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.47	**U**
75-09-2	Methylene Chloride	0.48	0.78	0.48	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.11**	0.36	0.12	0.052	**J**
75-15-0	Carbon Disulfide	0.90	1.7	0.90	0.27	**U**
75-34-3	1,1-Dichloroethane	0.42	0.69	0.42	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.23**	1.8	0.56	0.19	**J**
141-78-6	Ethyl Acetate	0.94	1.4	0.94	0.40	**U**
110-54-3	n-Hexane	0.47	0.77	0.47	0.16	**U**
67-66-3	Chloroform	**2.4**	0.56	0.18	0.076	
109-99-9	Tetrahydrofuran (THF)	0.30	1.8	0.30	0.12	**U**
107-06-2	1,2-Dichloroethane	0.22	0.67	0.22	0.076	**U**
71-43-2	Benzene	0.28	0.85	0.28	0.13	**U**
56-23-5	Carbon Tetrachloride	**0.16**	0.42	0.14	0.061	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00502

Initial Pressure (psig): -4.31 Final Pressure (psig): 6.89

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.51	1.5	0.51	0.23	**U**
75-27-4	Bromodichloromethane	**0.21**	0.40	0.13	0.060	**J**
79-01-6	Trichloroethene	0.16	0.49	0.16	0.070	**U**
123-91-1	1,4-Dioxane	0.25	0.75	0.25	0.091	**U**
142-82-5	n-Heptane	0.41	0.66	0.41	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.093	**U**
108-88-3	Toluene	**0.19**	0.72	0.23	0.090	**J**
591-78-6	2-Hexanone	0.22	1.3	0.22	0.084	**U**
124-48-1	Dibromochloromethane	0.10	0.32	0.10	0.043	**U**
106-93-4	1,2-Dibromoethane	0.12	0.35	0.12	0.042	**U**
127-18-4	Tetrachloroethene	**0.19**	0.40	0.13	0.053	**J**
100-41-4	Ethylbenzene	0.20	0.62	0.20	0.090	**U**
179601-23-1	m,p-Xylenes	**0.21**	1.2	0.41	0.17	**J**
75-25-2	Bromoform	0.16	0.27	0.16	0.055	**U**
100-42-5	Styrene	0.39	0.64	0.39	0.11	**U**
95-47-6	o-Xylene	0.20	0.63	0.20	0.092	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.56	0.18	0.081	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.30**	0.55	0.18	0.078	**J**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.70	0.22	0.091	**U**
91-20-3	Naphthalene	**0.38**	0.52	0.31	0.13	**J**
1330-20-7	Xylenes, Total	**0.21**	1.2	0.41	0.17	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00894

Initial Pressure (psig): -3.14 Final Pressure (psig): 7.61

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.45**	1.5	0.90	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.8**	0.51	0.31	0.085	
74-87-3	Chloromethane	**0.21**	1.2	0.75	0.20	**J**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**4.7**	14	2.1	0.95	**J**
67-64-1	Acetone	**8.9**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**4.2**	0.44	0.27	0.070	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.45**	2.0	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.11**	0.33	0.11	0.048	**J**
75-15-0	Carbon Disulfide	**2.0**	1.6	0.84	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.87	1.3	0.87	0.38	**U**
110-54-3	n-Hexane	0.44	0.71	0.44	0.15	**U**
67-66-3	Chloroform	**4.3**	0.52	0.17	0.070	
109-99-9	Tetrahydrofuran (THF)	**0.35**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	0.26	0.79	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**0.18**	0.39	0.13	0.057	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00894

Initial Pressure (psig): -3.14 Final Pressure (psig): 7.61

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	**0.42**	0.37	0.12	0.055	
79-01-6	Trichloroethene	0.15	0.46	0.15	0.065	**U**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	0.38	0.61	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**0.22**	0.67	0.22	0.083	**J**
591-78-6	2-Hexanone	**0.18**	1.2	0.20	0.078	**J**
124-48-1	Dibromochloromethane	0.096	0.29	0.096	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.21**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	0.19	0.58	0.19	0.083	**U**
179601-23-1	m,p-Xylenes	**0.21**	1.1	0.38	0.16	**J**
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	0.19	0.59	0.19	0.086	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.52	0.17	0.076	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.30**	0.51	0.17	0.073	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	**0.19**	0.48	0.29	0.12	**J**
1330-20-7	Xylenes, Total	**0.21**	1.1	0.38	0.16	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00798

Initial Pressure (psig): -4.29 Final Pressure (psig): 6.46

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.79**	1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	0.53	0.33	0.089	
74-87-3	Chloromethane	**0.25**	1.3	0.79	0.21	**J**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**7.7**	14	2.2	1.0	**J**
67-64-1	Acetone	**8.7**	11	5.8	2.6	**J**
75-69-4	Trichlorofluoromethane	**3.9**	0.46	0.29	0.073	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	2.1	1.3	0.45	**J**
75-09-2	Methylene Chloride	**0.52**	0.76	0.47	0.22	**J**
76-13-1	Trichlorotrifluoroethane	**0.094**	0.35	0.11	0.050	**J**
75-15-0	Carbon Disulfide	**2.1**	1.6	0.88	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.68	0.41	0.098	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	**0.67**	1.4	0.92	0.39	**J**
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	**4.7**	0.55	0.18	0.074	
109-99-9	Tetrahydrofuran (THF)	**2.9**	1.7	0.29	0.12	
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**0.14**	0.83	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.19**	0.41	0.14	0.060	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00798

Initial Pressure (psig): -4.29 Final Pressure (psig): 6.46

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**0.39**	0.39	0.13	0.058	**J**
79-01-6	Trichloroethene	**0.086**	0.48	0.16	0.068	**J**
123-91-1	1,4-Dioxane	**0.094**	0.73	0.24	0.089	**J**
142-82-5	n-Heptane	0.40	0.64	0.40	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.47**	0.70	0.23	0.088	**J**
591-78-6	2-Hexanone	**0.21**	1.2	0.21	0.082	**J**
124-48-1	Dibromochloromethane	**0.063**	0.31	0.10	0.042	**J**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.15**	0.39	0.13	0.052	**J**
100-41-4	Ethylbenzene	0.20	0.61	0.20	0.088	**U**
179601-23-1	m,p-Xylenes	**0.32**	1.2	0.40	0.16	**J**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**0.10**	0.62	0.20	0.090	**J**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.55	0.18	0.080	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.38**	0.54	0.18	0.076	**J**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.089	**U**
91-20-3	Naphthalene	**0.33**	0.50	0.30	0.13	**J**
1330-20-7	Xylenes, Total	**0.42**	1.2	0.40	0.16	**J**

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00958

Initial Pressure (psig): -3.93 Final Pressure (psig): 8.27

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.99	1.6	0.99	0.40	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	0.56	0.34	0.094	
74-87-3	Chloromethane	0.83	1.3	0.83	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.77	1.3	0.77	0.21	**U**
75-00-3	Chloroethane	0.65	1.0	0.65	0.13	**U**
64-17-5	Ethanol	**1.6**	15	2.3	1.0	**J**
67-64-1	Acetone	6.1	12	6.1	2.7	**U**
75-69-4	Trichlorofluoromethane	**1.6**	0.48	0.30	0.077	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.2	1.4	0.48	**U**
75-09-2	Methylene Chloride	0.49	0.80	0.49	0.23	**U**
76-13-1	Trichlorotrifluoroethane	0.12	0.37	0.12	0.053	**U**
75-15-0	Carbon Disulfide	**1.7**	1.7	0.92	0.27	
75-34-3	1,1-Dichloroethane	0.43	0.71	0.43	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.33**	1.8	0.58	0.20	**J**
141-78-6	Ethyl Acetate	0.96	1.5	0.96	0.41	**U**
110-54-3	n-Hexane	0.48	0.79	0.48	0.17	**U**
67-66-3	Chloroform	**1.8**	0.58	0.19	0.077	
109-99-9	Tetrahydrofuran (THF)	**1.3**	1.8	0.31	0.12	**J**
107-06-2	1,2-Dichloroethane	0.22	0.68	0.22	0.078	**U**
71-43-2	Benzene	0.28	0.87	0.28	0.13	**U**
56-23-5	Carbon Tetrachloride	**0.11**	0.43	0.14	0.063	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00958

Initial Pressure (psig): -3.93 Final Pressure (psig): 8.27

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.53	1.5	0.53	0.23	**U**
75-27-4	Bromodichloromethane	**0.25**	0.41	0.14	0.061	**J**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.071	**U**
123-91-1	1,4-Dioxane	0.25	0.77	0.25	0.093	**U**
142-82-5	n-Heptane	0.42	0.68	0.42	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.095	**U**
108-88-3	Toluene	**0.21**	0.74	0.24	0.092	**J**
591-78-6	2-Hexanone	0.22	1.3	0.22	0.086	**U**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.044	**U**
106-93-4	1,2-Dibromoethane	0.12	0.36	0.12	0.043	**U**
127-18-4	Tetrachloroethene	0.13	0.41	0.13	0.054	**U**
100-41-4	Ethylbenzene	0.21	0.64	0.21	0.092	**U**
179601-23-1	m,p-Xylenes	**0.18**	1.2	0.42	0.17	**J**
75-25-2	Bromoform	0.16	0.27	0.16	0.057	**U**
100-42-5	Styrene	0.40	0.65	0.40	0.11	**U**
95-47-6	o-Xylene	0.21	0.65	0.21	0.094	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.57	0.18	0.083	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.22**	0.56	0.18	0.080	**J**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.72	0.23	0.093	**U**
91-20-3	Naphthalene	**0.23**	0.53	0.32	0.13	**J**
1330-20-7	Xylenes, Total	**0.18**	1.2	0.42	0.17	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00506

Initial Pressure (psig): -3.89 Final Pressure (psig): 8.31

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.99	1.6	0.99	0.40	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.83**	0.56	0.34	0.094	
74-87-3	Chloromethane	**14**	1.3	0.83	0.22	
75-01-4	Vinyl Chloride	**3.7**	1.1	0.35	0.12	
106-99-0	1,3-Butadiene	0.77	1.3	0.77	0.21	**U**
75-00-3	Chloroethane	**3.1**	1.0	0.65	0.13	
64-17-5	Ethanol	**2.1**	15	2.3	1.0	**J**
67-64-1	Acetone	**11**	12	6.1	2.7	**J**
75-69-4	Trichlorofluoromethane	**1.2**	0.48	0.30	0.077	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.2	1.4	0.48	**U**
75-09-2	Methylene Chloride	0.49	0.80	0.49	0.23	**U**
76-13-1	Trichlorotrifluoroethane	0.12	0.37	0.12	0.053	**U**
75-15-0	Carbon Disulfide	**32**	1.7	0.92	0.27	
75-34-3	1,1-Dichloroethane	**1.5**	0.71	0.43	0.10	
78-93-3	2-Butanone (MEK)	**3.3**	1.8	0.58	0.20	
141-78-6	Ethyl Acetate	0.96	1.5	0.96	0.41	**U**
110-54-3	n-Hexane	**0.17**	0.79	0.48	0.17	**J**
67-66-3	Chloroform	**0.61**	0.58	0.19	0.077	
109-99-9	Tetrahydrofuran (THF)	**52**	1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane	**0.69**	0.68	0.22	0.078	
71-43-2	Benzene	**0.47**	0.87	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	**0.11**	0.43	0.14	0.063	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00506

Initial Pressure (psig): -3.89 Final Pressure (psig): 8.31

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.53	1.5	0.53	0.23	**U**
75-27-4	Bromodichloromethane	0.14	0.41	0.14	0.061	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.071	**U**
123-91-1	1,4-Dioxane	0.25	0.77	0.25	0.093	**U**
142-82-5	n-Heptane	**0.22**	0.68	0.42	0.11	**J**
108-10-1	4-Methyl-2-pentanone	**1.2**	1.3	0.22	0.095	**J**
108-88-3	Toluene	**0.31**	0.74	0.24	0.092	**J**
591-78-6	2-Hexanone	**0.10**	1.3	0.22	0.086	**J**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.044	**U**
106-93-4	1,2-Dibromoethane	0.12	0.36	0.12	0.043	**U**
127-18-4	Tetrachloroethene	**0.057**	0.41	0.13	0.054	**J**
100-41-4	Ethylbenzene	0.21	0.64	0.21	0.092	**U**
179601-23-1	m,p-Xylenes	**0.22**	1.2	0.42	0.17	**J**
75-25-2	Bromoform	0.16	0.27	0.16	0.057	**U**
100-42-5	Styrene	0.40	0.65	0.40	0.11	**U**
95-47-6	o-Xylene	0.21	0.65	0.21	0.094	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.57	0.18	0.083	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.24**	0.56	0.18	0.080	**J**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.72	0.23	0.093	**U**
91-20-3	Naphthalene	**0.28**	0.53	0.32	0.13	**J**
1330-20-7	Xylenes, Total	**0.22**	1.2	0.42	0.17	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-030-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00716

Initial Pressure (psig): -4.49 Final Pressure (psig): 7.02

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.79**	1.6	0.99	0.40	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.49**	0.56	0.34	0.094	**J**
74-87-3	Chloromethane	0.83	1.3	0.83	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.77	1.3	0.77	0.21	**U**
75-00-3	Chloroethane	0.65	1.0	0.65	0.13	**U**
64-17-5	Ethanol	**8.4**	15	2.3	1.0	**J**
67-64-1	Acetone	**14**	12	6.1	2.7	
75-69-4	Trichlorofluoromethane	**0.26**	0.48	0.30	0.077	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	2.2	1.4	0.48	**J**
75-09-2	Methylene Chloride	**0.25**	0.80	0.49	0.23	**J**
76-13-1	Trichlorotrifluoroethane	**0.060**	0.37	0.12	0.053	**J**
75-15-0	Carbon Disulfide	0.92	1.7	0.92	0.27	**U**
75-34-3	1,1-Dichloroethane	0.43	0.71	0.43	0.10	**U**
78-93-3	2-Butanone (MEK)	**3.2**	1.8	0.58	0.20	
141-78-6	Ethyl Acetate	0.96	1.5	0.96	0.41	**U**
110-54-3	n-Hexane	**0.19**	0.79	0.48	0.17	**J**
67-66-3	Chloroform	**0.35**	0.58	0.19	0.077	**J**
109-99-9	Tetrahydrofuran (THF)	0.31	1.8	0.31	0.12	**U**
107-06-2	1,2-Dichloroethane	0.22	0.68	0.22	0.078	**U**
71-43-2	Benzene	**0.29**	0.87	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	0.14	0.43	0.14	0.063	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-030-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00716

Initial Pressure (psig): -4.49 Final Pressure (psig): 7.02

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.53	1.5	0.53	0.23	**U**
75-27-4	Bromodichloromethane	0.14	0.41	0.14	0.061	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.071	**U**
123-91-1	1,4-Dioxane	0.25	0.77	0.25	0.093	**U**
142-82-5	n-Heptane	**0.30**	0.68	0.42	0.11	**J**
108-10-1	4-Methyl-2-pentanone	**0.15**	1.3	0.22	0.095	**J**
108-88-3	Toluene	**2.0**	0.74	0.24	0.092	
591-78-6	2-Hexanone	**1.2**	1.3	0.22	0.086	**J**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.044	**U**
106-93-4	1,2-Dibromoethane	0.12	0.36	0.12	0.043	**U**
127-18-4	Tetrachloroethene	0.13	0.41	0.13	0.054	**U**
100-41-4	Ethylbenzene	**0.56**	0.64	0.21	0.092	**J**
179601-23-1	m,p-Xylenes	**2.4**	1.2	0.42	0.17	
75-25-2	Bromoform	0.16	0.27	0.16	0.057	**U**
100-42-5	Styrene	0.40	0.65	0.40	0.11	**U**
95-47-6	o-Xylene	**0.79**	0.65	0.21	0.094	
108-67-8	1,3,5-Trimethylbenzene	**0.67**	0.57	0.18	0.083	
95-63-6	1,2,4-Trimethylbenzene	**3.4**	0.56	0.18	0.080	
120-82-1	1,2,4-Trichlorobenzene	0.23	0.72	0.23	0.093	**U**
91-20-3	Naphthalene	**6.1**	0.53	0.32	0.13	
1330-20-7	Xylenes, Total	**3.2**	1.2	0.42	0.17	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01142

Initial Pressure (psig): -4.07 Final Pressure (psig): 8.80

Container Dilution Factor: 2.21

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.58**	1.7	1.0	0.42	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.49**	0.58	0.36	0.097	**J**
74-87-3	Chloromethane	0.86	1.4	0.86	0.23	**U**
75-01-4	Vinyl Chloride	0.37	1.1	0.37	0.12	**U**
106-99-0	1,3-Butadiene	0.80	1.3	0.80	0.22	**U**
75-00-3	Chloroethane	0.67	1.1	0.67	0.14	**U**
64-17-5	Ethanol	**3.7**	16	2.4	1.1	**J**
67-64-1	Acetone	**7.7**	12	6.3	2.8	**J**
75-69-4	Trichlorofluoromethane	**0.27**	0.50	0.31	0.080	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.66**	2.2	1.4	0.49	**J**
75-09-2	Methylene Chloride	0.51	0.83	0.51	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**0.061**	0.38	0.12	0.055	**J**
75-15-0	Carbon Disulfide	**11**	1.8	0.96	0.28	
75-34-3	1,1-Dichloroethane	0.45	0.74	0.45	0.11	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.9	0.60	0.21	
141-78-6	Ethyl Acetate	1.0	1.5	1.0	0.43	**U**
110-54-3	n-Hexane	0.50	0.82	0.50	0.17	**U**
67-66-3	Chloroform	**0.26**	0.60	0.19	0.080	**J**
109-99-9	Tetrahydrofuran (THF)	0.32	1.9	0.32	0.13	**U**
107-06-2	1,2-Dichloroethane	0.23	0.71	0.23	0.081	**U**
71-43-2	Benzene	**0.16**	0.90	0.29	0.13	**J**
56-23-5	Carbon Tetrachloride	0.15	0.45	0.15	0.065	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01142

Initial Pressure (psig): -4.07 Final Pressure (psig): 8.80

Container Dilution Factor: 2.21

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.55	1.6	0.55	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.43	0.14	0.064	**U**
79-01-6	Trichloroethene	0.17	0.52	0.17	0.074	**U**
123-91-1	1,4-Dioxane	0.26	0.80	0.26	0.097	**U**
142-82-5	n-Heptane	0.43	0.70	0.43	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.3	0.23	0.098	**U**
108-88-3	Toluene	**0.37**	0.76	0.25	0.095	**J**
591-78-6	2-Hexanone	**0.27**	1.3	0.23	0.089	**J**
124-48-1	Dibromochloromethane	0.11	0.34	0.11	0.045	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.045	**U**
127-18-4	Tetrachloroethene	0.14	0.42	0.14	0.056	**U**
100-41-4	Ethylbenzene	**0.11**	0.66	0.22	0.095	**J**
179601-23-1	m,p-Xylenes	**0.45**	1.3	0.43	0.18	**J**
75-25-2	Bromoform	0.17	0.28	0.17	0.059	**U**
100-42-5	Styrene	0.42	0.68	0.42	0.11	**U**
95-47-6	o-Xylene	**0.15**	0.67	0.22	0.098	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.15**	0.60	0.19	0.087	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.72**	0.58	0.19	0.083	
120-82-1	1,2,4-Trichlorobenzene	0.24	0.74	0.24	0.097	**U**
91-20-3	Naphthalene	**2.6**	0.55	0.33	0.14	
1330-20-7	Xylenes, Total	**0.60**	1.3	0.43	0.18	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.69

Container Dilution Factor: 1.77

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.6**	1.3	0.82	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	0.47	0.29	0.078	
74-87-3	Chloromethane	**0.30**	1.1	0.69	0.18	**J**
75-01-4	Vinyl Chloride	0.29	0.92	0.29	0.099	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.54	0.87	0.54	0.11	**U**
64-17-5	Ethanol	**26**	12	1.9	0.87	
67-64-1	Acetone	**17**	9.7	5.0	2.2	
75-69-4	Trichlorofluoromethane	**2.3**	0.40	0.25	0.064	
67-63-0	2-Propanol (Isopropyl Alcohol)	**8.8**	1.8	1.1	0.40	
75-09-2	Methylene Chloride	**1.4**	0.66	0.41	0.19	
76-13-1	Trichlorotrifluoroethane	**0.076**	0.31	0.098	0.044	**J**
75-15-0	Carbon Disulfide	**2.6**	1.4	0.77	0.23	
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.085	**U**
78-93-3	2-Butanone (MEK)	**2.6**	1.5	0.48	0.17	
141-78-6	Ethyl Acetate	**16**	1.2	0.80	0.34	
110-54-3	n-Hexane	**0.94**	0.65	0.40	0.14	
67-66-3	Chloroform	**0.19**	0.48	0.15	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	**0.34**	1.5	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.57	0.19	0.065	**U**
71-43-2	Benzene	**0.32**	0.72	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.18**	0.36	0.12	0.052	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.69

Container Dilution Factor: 1.77

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.38**		1.3	0.44	0.19	**J**
75-27-4	Bromodichloromethane		0.11	0.34	0.11	0.051	**U**
79-01-6	Trichloroethene		0.14	0.42	0.14	0.059	**U**
123-91-1	1,4-Dioxane		0.21	0.64	0.21	0.077	**U**
142-82-5	n-Heptane	**0.53**		0.56	0.35	0.092	**J**
108-10-1	4-Methyl-2-pentanone	**0.15**		1.1	0.18	0.079	**J**
108-88-3	Toluene	**2.6**		0.61	0.20	0.076	
591-78-6	2-Hexanone	**0.47**		1.1	0.18	0.071	**J**
124-48-1	Dibromochloromethane		0.088	0.27	0.088	0.036	**U**
106-93-4	1,2-Dibromoethane		0.098	0.30	0.098	0.036	**U**
127-18-4	Tetrachloroethene	**0.098**		0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.32**		0.53	0.17	0.076	**J**
179601-23-1	m,p-Xylenes	**1.4**		1.0	0.35	0.14	
75-25-2	Bromoform		0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	**0.10**		0.54	0.33	0.089	**J**
95-47-6	o-Xylene	**0.43**		0.54	0.17	0.078	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.30**		0.48	0.15	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.7**		0.47	0.15	0.067	
120-82-1	1,2,4-Trichlorobenzene		0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	**1.1**		0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**1.8**		1.0	0.35	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00205

Initial Pressure (psig): -4.64 Final Pressure (psig): 8.96

Container Dilution Factor: 2.35

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.83**	1.8	1.1	0.44	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.6**	0.62	0.38	0.10	
74-87-3	Chloromethane	0.91	1.5	0.91	0.24	**U**
75-01-4	Vinyl Chloride	0.39	1.2	0.39	0.13	**U**
106-99-0	1,3-Butadiene	0.85	1.4	0.85	0.23	**U**
75-00-3	Chloroethane	0.71	1.2	0.71	0.15	**U**
64-17-5	Ethanol	**4.3**	17	2.6	1.2	**J**
67-64-1	Acetone	**14**	13	6.7	3.0	
75-69-4	Trichlorofluoromethane	**3.2**	0.53	0.33	0.085	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.57**	2.4	1.5	0.53	**J**
75-09-2	Methylene Chloride	0.54	0.88	0.54	0.25	**U**
76-13-1	Trichlorotrifluoroethane	**0.074**	0.41	0.13	0.058	**J**
75-15-0	Carbon Disulfide	**38**	1.9	1.0	0.30	
75-34-3	1,1-Dichloroethane	0.48	0.78	0.48	0.11	**U**
78-93-3	2-Butanone (MEK)	**4.2**	2.0	0.64	0.22	
141-78-6	Ethyl Acetate	1.1	1.6	1.1	0.46	**U**
110-54-3	n-Hexane	0.53	0.87	0.53	0.18	**U**
67-66-3	Chloroform	**0.16**	0.64	0.20	0.085	**J**
109-99-9	Tetrahydrofuran (THF)	**0.37**	2.0	0.34	0.13	**J**
107-06-2	1,2-Dichloroethane	0.25	0.76	0.25	0.086	**U**
71-43-2	Benzene	**0.22**	0.96	0.31	0.14	**J**
56-23-5	Carbon Tetrachloride	**0.26**	0.48	0.16	0.069	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00205

Initial Pressure (psig): -4.64 Final Pressure (psig): 8.96

Container Dilution Factor: 2.35

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.58	1.7	0.58	0.26	**U**
75-27-4	Bromodichloromethane	0.15	0.46	0.15	0.068	**U**
79-01-6	Trichloroethene	0.19	0.56	0.19	0.079	**U**
123-91-1	1,4-Dioxane	**0.64**	0.85	0.28	0.10	**J**
142-82-5	n-Heptane	0.46	0.75	0.46	0.12	**U**
108-10-1	4-Methyl-2-pentanone	**0.20**	1.4	0.24	0.10	**J**
108-88-3	Toluene	**0.34**	0.81	0.27	0.10	**J**
591-78-6	2-Hexanone	**0.27**	1.4	0.24	0.095	**J**
124-48-1	Dibromochloromethane	0.12	0.36	0.12	0.048	**U**
106-93-4	1,2-Dibromoethane	0.13	0.40	0.13	0.047	**U**
127-18-4	Tetrachloroethene	**0.10**	0.45	0.15	0.060	**J**
100-41-4	Ethylbenzene	0.23	0.70	0.23	0.10	**U**
179601-23-1	m,p-Xylenes	**0.37**	1.4	0.46	0.19	**J**
75-25-2	Bromoform	0.18	0.30	0.18	0.063	**U**
100-42-5	Styrene	0.44	0.72	0.44	0.12	**U**
95-47-6	o-Xylene	**0.12**	0.72	0.23	0.10	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.10**	0.63	0.20	0.092	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.56**	0.62	0.20	0.088	**J**
120-82-1	1,2,4-Trichlorobenzene	0.25	0.79	0.25	0.10	**U**
91-20-3	Naphthalene	**0.50**	0.58	0.35	0.15	**J**
1330-20-7	Xylenes, Total	**0.49**	1.4	0.46	0.19	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00591

Initial Pressure (psig): -2.76 Final Pressure (psig): 9.09

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.43**	1.5	0.93	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.4**	0.52	0.32	0.088	
74-87-3	Chloromethane	0.77	1.3	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**8.5**	14	2.2	0.98	**J**
67-64-1	Acetone	**6.6**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**3.2**	0.45	0.28	0.072	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.62**	2.0	1.3	0.45	**J**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.076**	0.34	0.11	0.049	**J**
75-15-0	Carbon Disulfide	**2.2**	1.6	0.86	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.66	0.41	0.096	**U**
78-93-3	2-Butanone (MEK)	**0.86**	1.7	0.54	0.19	**J**
141-78-6	Ethyl Acetate	**0.60**	1.4	0.90	0.39	**J**
110-54-3	n-Hexane	0.45	0.73	0.45	0.16	**U**
67-66-3	Chloroform	**0.35**	0.54	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**0.58**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.073	**U**
71-43-2	Benzene	**0.19**	0.81	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.28**	0.40	0.13	0.059	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00591

Initial Pressure (psig): -2.76 Final Pressure (psig): 9.09

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.067	**U**
123-91-1	1,4-Dioxane	0.23	0.72	0.23	0.087	**U**
142-82-5	n-Heptane	0.39	0.63	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.089	**U**
108-88-3	Toluene	**0.38**	0.69	0.22	0.086	**J**
591-78-6	2-Hexanone	**0.18**	1.2	0.21	0.080	**J**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.080**	0.38	0.12	0.051	**J**
100-41-4	Ethylbenzene	**0.10**	0.60	0.19	0.086	**J**
179601-23-1	m,p-Xylenes	**0.48**	1.1	0.39	0.16	**J**
75-25-2	Bromoform	0.15	0.26	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.61	0.37	0.10	**U**
95-47-6	o-Xylene	**0.16**	0.61	0.19	0.088	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.14**	0.54	0.17	0.078	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.77**	0.53	0.17	0.075	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	**1.4**	0.49	0.29	0.12	
1330-20-7	Xylenes, Total	**0.63**	1.1	0.39	0.16	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00315

Initial Pressure (psig): -3.11 Final Pressure (psig): 7.96

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.82**	1.5	0.91	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.96**	0.52	0.32	0.086	
74-87-3	Chloromethane	**3.3**	1.2	0.76	0.20	
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.19	**U**
75-00-3	Chloroethane	**0.30**	0.97	0.59	0.12	**J**
64-17-5	Ethanol	**6.0**	14	2.2	0.96	**J**
67-64-1	Acetone	**19**	11	5.6	2.5	
75-69-4	Trichlorofluoromethane	**1.2**	0.44	0.28	0.071	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.65**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	**0.29**	0.73	0.45	0.21	**J**
76-13-1	Trichlorotrifluoroethane	0.11	0.34	0.11	0.049	**U**
75-15-0	Carbon Disulfide	**3.1**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**2.3**	1.7	0.53	0.18	
141-78-6	Ethyl Acetate	**0.72**	1.4	0.88	0.38	**J**
110-54-3	n-Hexane	**0.54**	0.72	0.45	0.15	**J**
67-66-3	Chloroform	**1.6**	0.53	0.17	0.071	
109-99-9	Tetrahydrofuran (THF)	**1.3**	1.7	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	**0.11**	0.63	0.21	0.071	**J**
71-43-2	Benzene	**0.18**	0.80	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.27**	0.40	0.13	0.058	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00315

Initial Pressure (psig): -3.11 Final Pressure (psig): 7.96

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	**0.51**	0.38	0.12	0.056	
79-01-6	Trichloroethene	0.16	0.47	0.16	0.066	**U**
123-91-1	1,4-Dioxane	**0.48**	0.71	0.23	0.086	**J**
142-82-5	n-Heptane	**0.17**	0.62	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	**0.14**	1.2	0.20	0.087	**J**
108-88-3	Toluene	**0.35**	0.68	0.22	0.085	**J**
591-78-6	2-Hexanone	**0.23**	1.2	0.20	0.079	**J**
124-48-1	Dibromochloromethane	**0.61**	0.30	0.098	0.040	
106-93-4	1,2-Dibromoethane	**0.26**	0.33	0.11	0.040	**J**
127-18-4	Tetrachloroethene	0.12	0.38	0.12	0.050	**U**
100-41-4	Ethylbenzene	**0.16**	0.59	0.19	0.085	**J**
179601-23-1	m,p-Xylenes	**0.46**	1.1	0.38	0.16	**J**
75-25-2	Bromoform	**1.3**	0.25	0.15	0.052	
100-42-5	Styrene	0.37	0.60	0.37	0.099	**U**
95-47-6	o-Xylene	**0.12**	0.60	0.19	0.087	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.092**	0.53	0.17	0.077	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.45**	0.52	0.17	0.074	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	**0.40**	0.49	0.29	0.12	**J**
1330-20-7	Xylenes, Total	**0.58**	1.1	0.38	0.16	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SS00739

Initial Pressure (psig): -4.10 Final Pressure (psig): 8.01

Container Dilution Factor: 2.14

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	4.0	6.5	4.0	1.6	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.74**	2.3	1.4	0.38	**J**
74-87-3	Chloromethane	3.3	5.4	3.3	0.89	**U**
75-01-4	Vinyl Chloride	1.4	4.4	1.4	0.48	**U**
106-99-0	1,3-Butadiene	3.1	5.0	3.1	0.85	**U**
75-00-3	Chloroethane	2.6	4.2	2.6	0.54	**U**
64-17-5	Ethanol	9.4	60	9.4	4.2	**U**
67-64-1	Acetone	24	47	24	11	**U**
75-69-4	Trichlorofluoromethane	**0.72**	1.9	1.2	0.31	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.1**	8.7	5.5	1.9	**J**
75-09-2	Methylene Chloride	2.0	3.2	2.0	0.92	**U**
76-13-1	Trichlorotrifluoroethane	0.47	1.5	0.47	0.21	**U**
75-15-0	Carbon Disulfide	**7.4**	6.9	3.7	1.1	
75-34-3	1,1-Dichloroethane	1.7	2.9	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**1.3**	7.3	2.3	0.80	**J**
141-78-6	Ethyl Acetate	3.9	5.9	3.9	1.7	**U**
110-54-3	n-Hexane	**570**	160	97	33	**D**
67-66-3	Chloroform	0.75	2.3	0.75	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	**0.56**	7.3	1.2	0.49	**J**
107-06-2	1,2-Dichloroethane	0.90	2.8	0.90	0.31	**U**
71-43-2	Benzene	**75**	3.5	1.1	0.52	
56-23-5	Carbon Tetrachloride	0.58	1.7	0.58	0.25	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV142-450-212**	ALS Project ID:	P2101902
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2101902-018
Test Code:	EPA TO-15	Date Collected:	4/6/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/9/21
Analyst:	Simon Cao	Date Analyzed:	4/27/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.10 Liter(s)
Test Notes:			0.0020 Liter(s)
Container ID:	1SS00739		

Initial Pressure (psig): -4.10 Final Pressure (psig): 8.01

Container Dilution Factor: 2.14

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**430**	6.2	2.1	0.93	
75-27-4	Bromodichloromethane	0.54	1.7	0.54	0.25	**U**
79-01-6	Trichloroethene	0.68	2.0	0.68	0.29	**U**
123-91-1	1,4-Dioxane	1.0	3.1	1.0	0.37	**U**
142-82-5	n-Heptane	**450**	2.7	1.7	0.44	
108-10-1	4-Methyl-2-pentanone	0.89	5.2	0.89	0.38	**U**
108-88-3	Toluene	**32**	3.0	0.97	0.37	
591-78-6	2-Hexanone	0.89	5.2	0.89	0.34	**U**
124-48-1	Dibromochloromethane	0.43	1.3	0.43	0.18	**U**
106-93-4	1,2-Dibromoethane	0.47	1.4	0.47	0.17	**U**
127-18-4	Tetrachloroethene	0.54	1.6	0.54	0.22	**U**
100-41-4	Ethylbenzene	**3.7**	2.6	0.84	0.37	
179601-23-1	m,p-Xylenes	**3.9**	4.9	1.7	0.69	**J**
75-25-2	Bromoform	0.66	1.1	0.66	0.23	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**40**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**8.8**	2.3	0.74	0.34	
95-63-6	1,2,4-Trimethylbenzene	**0.69**	2.3	0.74	0.32	**J**
120-82-1	1,2,4-Trichlorobenzene	0.92	2.9	0.92	0.37	**U**
91-20-3	Naphthalene	1.3	2.1	1.3	0.53	**U**
1330-20-7	Xylenes, Total	**44**	4.9	1.7	0.69	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SC01205

Initial Pressure (psig): -2.46 Final Pressure (psig): 8.27

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,500**	2,800	1,700	710	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	610	990	610	170	**U**
74-87-3	Chloromethane	1,500	2,400	1,500	390	**U**
75-01-4	Vinyl Chloride	630	1,900	630	210	**U**
106-99-0	1,3-Butadiene	1,400	2,200	1,400	370	**U**
75-00-3	Chloroethane	1,100	1,900	1,100	240	**U**
64-17-5	Ethanol	**15,000**	26,000	4,100	1,800	**J**
67-64-1	Acetone	**60,000**	21,000	11,000	4,800	
75-69-4	Trichlorofluoromethane	540	850	540	140	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,500**	3,800	2,400	840	**J**
75-09-2	Methylene Chloride	870	1,400	870	410	**U**
76-13-1	Trichlorotrifluoroethane	210	650	210	93	**U**
75-15-0	Carbon Disulfide	1,600	3,000	1,600	480	**U**
75-34-3	1,1-Dichloroethane	770	1,300	770	180	**U**
78-93-3	2-Butanone (MEK)	**11,000**	3,200	1,000	350	
141-78-6	Ethyl Acetate	1,700	2,600	1,700	730	**U**
110-54-3	n-Hexane	**230,000**	1,400	850	290	
67-66-3	Chloroform	330	1,000	330	140	**U**
109-99-9	Tetrahydrofuran (THF)	540	3,200	540	210	**U**
107-06-2	1,2-Dichloroethane	390	1,200	390	140	**U**
71-43-2	Benzene	**46,000**	1,500	500	230	
56-23-5	Carbon Tetrachloride	250	760	250	110	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SC01205

Initial Pressure (psig): -2.46 Final Pressure (psig): 8.27

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**230,000**		2,700	930	410	
75-27-4	Bromodichloromethane		240	730	240	110	**U**
79-01-6	Trichloroethene		300	890	300	130	**U**
123-91-1	1,4-Dioxane		440	1,400	440	160	**U**
142-82-5	n-Heptane	**180,000**		1,200	730	200	
108-10-1	4-Methyl-2-pentanone	**260**		2,300	390	170	**J**
108-88-3	Toluene	**91,000**		1,300	420	160	
591-78-6	2-Hexanone		390	2,300	390	150	**U**
124-48-1	Dibromochloromethane		190	570	190	77	**U**
106-93-4	1,2-Dibromoethane		210	640	210	76	**U**
127-18-4	Tetrachloroethene		240	720	240	96	**U**
100-41-4	Ethylbenzene	**17,000**		1,100	370	160	
179601-23-1	m,p-Xylenes	**18,000**		2,200	740	300	
75-25-2	Bromoform		290	480	290	100	**U**
100-42-5	Styrene		710	1,100	710	190	**U**
95-47-6	o-Xylene	**6,600**		1,100	370	170	
108-67-8	1,3,5-Trimethylbenzene	**1,500**		1,000	330	150	
95-63-6	1,2,4-Trimethylbenzene	**4,300**		990	330	140	
120-82-1	1,2,4-Trichlorobenzene		410	1,300	410	160	**U**
91-20-3	Naphthalene		560	930	560	230	**U**
1330-20-7	Xylenes, Total	**25,000**		2,200	740	300	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00485

Initial Pressure (psig): -5.82 Final Pressure (psig): 7.81

Container Dilution Factor: 2.53

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,500**	2,500	1,600	640	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	550	890	550	150	**U**
74-87-3	Chloromethane	1,300	2,100	1,300	350	**U**
75-01-4	Vinyl Chloride	560	1,700	560	190	**U**
106-99-0	1,3-Butadiene	1,200	2,000	1,200	340	**U**
75-00-3	Chloroethane	1,000	1,700	1,000	210	**U**
64-17-5	Ethanol	**13,000**	24,000	3,700	1,700	**J**
67-64-1	Acetone	**57,000**	18,000	9,600	4,300	
75-69-4	Trichlorofluoromethane	480	770	480	120	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,200**	3,400	2,200	760	**J**
75-09-2	Methylene Chloride	780	1,300	780	360	**U**
76-13-1	Trichlorotrifluoroethane	190	580	190	84	**U**
75-15-0	Carbon Disulfide	1,500	2,700	1,500	430	**U**
75-34-3	1,1-Dichloroethane	690	1,100	690	160	**U**
78-93-3	2-Butanone (MEK)	**10,000**	2,900	920	310	
141-78-6	Ethyl Acetate	1,500	2,300	1,500	660	**U**
110-54-3	n-Hexane	**230,000**	1,200	770	260	
67-66-3	Chloroform	290	920	290	120	**U**
109-99-9	Tetrahydrofuran (THF)	490	2,900	490	190	**U**
107-06-2	1,2-Dichloroethane	350	1,100	350	120	**U**
71-43-2	Benzene	**44,000**	1,400	450	200	
56-23-5	Carbon Tetrachloride	230	680	230	99	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00485

Initial Pressure (psig): -5.82 Final Pressure (psig): 7.81

Container Dilution Factor: 2.53

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**220,000**		2,500	830	370	
75-27-4	Bromodichloromethane		210	650	210	97	**U**
79-01-6	Trichloroethene		270	800	270	110	**U**
123-91-1	1,4-Dioxane		400	1,200	400	150	**U**
142-82-5	n-Heptane	**170,000**		1,100	660	170	
108-10-1	4-Methyl-2-pentanone	**260**		2,100	350	150	**J**
108-88-3	Toluene	**82,000**		1,200	380	150	
591-78-6	2-Hexanone		350	2,100	350	140	**U**
124-48-1	Dibromochloromethane		170	510	170	69	**U**
106-93-4	1,2-Dibromoethane		190	570	190	68	**U**
127-18-4	Tetrachloroethene		210	650	210	86	**U**
100-41-4	Ethylbenzene	**14,000**		1,000	330	150	
179601-23-1	m,p-Xylenes	**14,000**		1,900	660	270	
75-25-2	Bromoform		260	430	260	90	**U**
100-42-5	Styrene		630	1,000	630	170	**U**
95-47-6	o-Xylene	**5,200**		1,000	330	150	
108-67-8	1,3,5-Trimethylbenzene	**970**		910	290	130	
95-63-6	1,2,4-Trimethylbenzene	**2,600**		890	290	130	
120-82-1	1,2,4-Trichlorobenzene		360	1,100	360	150	**U**
91-20-3	Naphthalene		500	840	500	210	**U**
1330-20-7	Xylenes, Total	**19,000**		1,900	660	270	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE07-160-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -4.18 Final Pressure (psig): 8.21

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	2,000	3,300	2,000	820	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	710	1,100	710	190	**U**
74-87-3	Chloromethane	1,700	2,700	1,700	450	**U**
75-01-4	Vinyl Chloride	730	2,300	730	240	**U**
106-99-0	1,3-Butadiene	1,600	2,600	1,600	430	**U**
75-00-3	Chloroethane	1,300	2,100	1,300	270	**U**
64-17-5	Ethanol	**13,000**	31,000	4,800	2,100	**J**
67-64-1	Acetone	**140,000**	24,000	12,000	5,500	
75-69-4	Trichlorofluoromethane	620	990	620	160	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,100**	4,400	2,800	980	**J**
75-09-2	Methylene Chloride	1,000	1,600	1,000	470	**U**
76-13-1	Trichlorotrifluoroethane	240	750	240	110	**U**
75-15-0	Carbon Disulfide	1,900	3,500	1,900	560	**U**
75-34-3	1,1-Dichloroethane	890	1,500	890	210	**U**
78-93-3	2-Butanone (MEK)	**41,000**	3,700	1,200	410	
141-78-6	Ethyl Acetate	2,000	3,000	2,000	850	**U**
110-54-3	n-Hexane	**250,000**	1,600	990	340	
67-66-3	Chloroform	380	1,200	380	160	**U**
109-99-9	Tetrahydrofuran (THF)	630	3,700	630	250	**U**
107-06-2	1,2-Dichloroethane	460	1,400	460	160	**U**
71-43-2	Benzene	**60,000**	1,800	580	260	
56-23-5	Carbon Tetrachloride	290	880	290	130	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE07-160-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -4.18 Final Pressure (psig): 8.21

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**130,000**		3,200	1,100	480	
75-27-4	Bromodichloromethane		280	850	280	130	**U**
79-01-6	Trichloroethene		340	1,000	340	150	**U**
123-91-1	1,4-Dioxane		510	1,600	510	190	**U**
142-82-5	n-Heptane	**160,000**		1,400	850	230	
108-10-1	4-Methyl-2-pentanone	**1,000**		2,700	450	190	**J**
108-88-3	Toluene	**100,000**		1,500	490	190	
591-78-6	2-Hexanone		450	2,700	450	180	**U**
124-48-1	Dibromochloromethane		220	670	220	90	**U**
106-93-4	1,2-Dibromoethane		240	740	240	88	**U**
127-18-4	Tetrachloroethene		270	840	270	110	**U**
100-41-4	Ethylbenzene	**11,000**		1,300	430	190	
179601-23-1	m,p-Xylenes	**21,000**		2,500	850	350	
75-25-2	Bromoform		340	560	340	120	**U**
100-42-5	Styrene		820	1,300	820	220	**U**
95-47-6	o-Xylene	**6,500**		1,300	430	190	
108-67-8	1,3,5-Trimethylbenzene	**770**		1,200	380	170	**J**
95-63-6	1,2,4-Trimethylbenzene	**1,800**		1,200	380	160	
120-82-1	1,2,4-Trichlorobenzene		470	1,500	470	190	**U**
91-20-3	Naphthalene		640	1,100	640	270	**U**
1330-20-7	Xylenes, Total	**27,000**		2,500	850	350	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE08-260-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0025 Liter(s)
Test Notes:
Container ID: 1SS00056

Initial Pressure (psig): -3.69 Final Pressure (psig): 8.17

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	150	250	150	63	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	54	88	54	15	**U**
74-87-3	Chloromethane	130	210	130	35	**U**
75-01-4	Vinyl Chloride	55	170	55	19	**U**
106-99-0	1,3-Butadiene	120	200	120	33	**U**
75-00-3	Chloroethane	100	160	100	21	**U**
64-17-5	Ethanol	**530**	2,300	370	160	**J**
67-64-1	Acetone	950	1,800	950	420	**U**
75-69-4	Trichlorofluoromethane	47	76	47	12	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	210	340	210	74	**U**
75-09-2	Methylene Chloride	77	120	77	36	**U**
76-13-1	Trichlorotrifluoroethane	18	58	18	8.3	**U**
75-15-0	Carbon Disulfide	140	270	140	43	**U**
75-34-3	1,1-Dichloroethane	68	110	68	16	**U**
78-93-3	2-Butanone (MEK)	**76**	280	90	31	**J**
141-78-6	Ethyl Acetate	150	230	150	65	**U**
110-54-3	n-Hexane	**1,100**	120	76	26	
67-66-3	Chloroform	29	90	29	12	**U**
109-99-9	Tetrahydrofuran (THF)	48	280	48	19	**U**
107-06-2	1,2-Dichloroethane	35	110	35	12	**U**
71-43-2	Benzene	**4,000**	140	44	20	
56-23-5	Carbon Tetrachloride	22	67	22	9.8	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE08-260-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0025 Liter(s)
Test Notes:
Container ID: 1SS00056

Initial Pressure (psig): -3.69 Final Pressure (psig): 8.17

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,800**	240	82	36	
75-27-4	Bromodichloromethane	21	65	21	9.6	**U**
79-01-6	Trichloroethene	26	79	26	11	**U**
123-91-1	1,4-Dioxane	39	120	39	15	**U**
142-82-5	n-Heptane	**420**	110	65	17	
108-10-1	4-Methyl-2-pentanone	35	200	35	15	**U**
108-88-3	Toluene	38	110	38	14	**U**
591-78-6	2-Hexanone	35	200	35	13	**U**
124-48-1	Dibromochloromethane	17	51	17	6.8	**U**
106-93-4	1,2-Dibromoethane	18	56	18	6.7	**U**
127-18-4	Tetrachloroethene	21	64	21	8.5	**U**
100-41-4	Ethylbenzene	**17**	100	33	14	**J**
179601-23-1	m,p-Xylenes	65	190	65	27	**U**
75-25-2	Bromoform	26	43	26	8.9	**U**
100-42-5	Styrene	63	100	63	17	**U**
95-47-6	o-Xylene	33	100	33	15	**U**
108-67-8	1,3,5-Trimethylbenzene	29	90	29	13	**U**
95-63-6	1,2,4-Trimethylbenzene	29	88	29	13	**U**
120-82-1	1,2,4-Trichlorobenzene	36	110	36	15	**U**
91-20-3	Naphthalene	49	83	49	21	**U**
1330-20-7	Xylenes, Total	65	190	65	27	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE09-460-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00364

Initial Pressure (psig): -2.41 Final Pressure (psig): 9.66

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	37	60	37	15	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	13	21	13	3.5	**U**
74-87-3	Chloromethane	31	50	31	8.2	**U**
75-01-4	Vinyl Chloride	13	41	13	4.4	**U**
106-99-0	1,3-Butadiene	29	47	29	7.9	**U**
75-00-3	Chloroethane	24	39	24	5.0	**U**
64-17-5	Ethanol	**110**	560	87	39	**J**
67-64-1	Acetone	230	430	230	100	**U**
75-69-4	Trichlorofluoromethane	11	18	11	2.9	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	51	81	51	18	**U**
75-09-2	Methylene Chloride	18	30	18	8.6	**U**
76-13-1	Trichlorotrifluoroethane	**9.2**	14	4.4	2.0	**J**
75-15-0	Carbon Disulfide	34	64	34	10	**U**
75-34-3	1,1-Dichloroethane	16	26	16	3.8	**U**
78-93-3	2-Butanone (MEK)	**11**	67	21	7.4	**J**
141-78-6	Ethyl Acetate	36	55	36	15	**U**
110-54-3	n-Hexane	**150**	29	18	6.2	
67-66-3	Chloroform	6.9	21	6.9	2.9	**U**
109-99-9	Tetrahydrofuran (THF)	11	67	11	4.5	**U**
107-06-2	1,2-Dichloroethane	8.3	25	8.3	2.9	**U**
71-43-2	Benzene	**620**	32	11	4.8	
56-23-5	Carbon Tetrachloride	5.4	16	5.4	2.3	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE09-460-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00364

Initial Pressure (psig): -2.41 Final Pressure (psig): 9.66

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**310**	58	20	8.6	
75-27-4	Bromodichloromethane	5.0	15	5.0	2.3	**U**
79-01-6	Trichloroethene	6.3	19	6.3	2.7	**U**
123-91-1	1,4-Dioxane	9.3	29	9.3	3.5	**U**
142-82-5	n-Heptane	**75**	25	15	4.1	
108-10-1	4-Methyl-2-pentanone	8.2	48	8.2	3.5	**U**
108-88-3	Toluene	8.9	27	8.9	3.4	**U**
591-78-6	2-Hexanone	8.2	48	8.2	3.2	**U**
124-48-1	Dibromochloromethane	4.0	12	4.0	1.6	**U**
106-93-4	1,2-Dibromoethane	4.4	13	4.4	1.6	**U**
127-18-4	Tetrachloroethene	5.0	15	5.0	2.0	**U**
100-41-4	Ethylbenzene	**5.1**	24	7.8	3.4	**J**
179601-23-1	m,p-Xylenes	**10**	46	16	6.4	**J**
75-25-2	Bromoform	6.1	10	6.1	2.1	**U**
100-42-5	Styrene	15	24	15	4.0	**U**
95-47-6	o-Xylene	**3.9**	24	7.8	3.5	**J**
108-67-8	1,3,5-Trimethylbenzene	6.8	21	6.8	3.1	**U**
95-63-6	1,2,4-Trimethylbenzene	**6.3**	21	6.8	3.0	**J**
120-82-1	1,2,4-Trichlorobenzene	8.5	27	8.5	3.5	**U**
91-20-3	Naphthalene	12	20	12	4.9	**U**
1330-20-7	Xylenes, Total	**14**	46	16	6.4	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00130

Initial Pressure (psig): -4.53 Final Pressure (psig): 8.11

Container Dilution Factor: 2.24

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**350**		1,100	690	280	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		240	390	240	66	**U**
74-87-3	Chloromethane		580	940	580	160	**U**
75-01-4	Vinyl Chloride		250	770	250	83	**U**
106-99-0	1,3-Butadiene		540	880	540	150	**U**
75-00-3	Chloroethane		450	740	450	93	**U**
64-17-5	Ethanol	**3,500**		11,000	1,600	730	**J**
67-64-1	Acetone		4,200	8,200	4,200	1,900	**U**
75-69-4	Trichlorofluoromethane		210	340	210	54	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**360**		1,500	960	330	**J**
75-09-2	Methylene Chloride		340	560	340	160	**U**
76-13-1	Trichlorotrifluoroethane		83	260	83	37	**U**
75-15-0	Carbon Disulfide		650	1,200	650	190	**U**
75-34-3	1,1-Dichloroethane		300	500	300	72	**U**
78-93-3	2-Butanone (MEK)	**190**		1,300	410	140	**J**
141-78-6	Ethyl Acetate		670	1,000	670	290	**U**
110-54-3	n-Hexane	**14,000**		550	340	120	
67-66-3	Chloroform		130	410	130	54	**U**
109-99-9	Tetrahydrofuran (THF)		220	1,300	220	85	**U**
107-06-2	1,2-Dichloroethane		160	480	160	54	**U**
71-43-2	Benzene	**2,200**		610	200	90	
56-23-5	Carbon Tetrachloride		100	300	100	44	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00130

Initial Pressure (psig): -4.53 Final Pressure (psig): 8.11

Container Dilution Factor: 2.24

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**63,000**	1,100	370	160	
75-27-4	Bromodichloromethane	95	290	95	43	**U**
79-01-6	Trichloroethene	120	350	120	50	**U**
123-91-1	1,4-Dioxane	180	540	180	65	**U**
142-82-5	n-Heptane	**9,200**	470	290	77	
108-10-1	4-Methyl-2-pentanone	150	910	150	67	**U**
108-88-3	Toluene	170	520	170	64	**U**
591-78-6	2-Hexanone	150	910	150	60	**U**
124-48-1	Dibromochloromethane	75	230	75	31	**U**
106-93-4	1,2-Dibromoethane	83	250	83	30	**U**
127-18-4	Tetrachloroethene	94	290	94	38	**U**
100-41-4	Ethylbenzene	**110**	450	150	64	**J**
179601-23-1	m,p-Xylenes	**400**	860	290	120	**J**
75-25-2	Bromoform	120	190	120	40	**U**
100-42-5	Styrene	280	460	280	75	**U**
95-47-6	o-Xylene	**130**	460	150	66	**J**
108-67-8	1,3,5-Trimethylbenzene	130	400	130	58	**U**
95-63-6	1,2,4-Trimethylbenzene	**90**	400	130	56	**J**
120-82-1	1,2,4-Trichlorobenzene	160	500	160	65	**U**
91-20-3	Naphthalene	220	370	220	93	**U**
1330-20-7	Xylenes, Total	**530**	860	290	120	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101902

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 4/26 - 4/28/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210426-MB	**105**	**103**	**94**	70-130	
Method Blank	P210427-MB	**108**	**102**	**90**	70-130	
Method Blank	P210427-MB	**107**	**101**	**95**	70-130	
Lab Control Sample	P210426-LCS	**103**	**98**	**94**	70-130	
Lab Control Sample	P210427-LCS	**104**	**98**	**90**	70-130	
Lab Control Sample	P210427-LCS	**103**	**97**	**95**	70-130	
Duplicate Lab Control Sample	P210426-DLCS	**103**	**98**	**94**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**104**	**98**	**90**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**103**	**97**	**93**	70-130	
SV138-150-212	P2101902-001	**107**	**102**	**97**	70-130	
SV138-150-612	P2101902-002	**106**	**102**	**97**	70-130	
SV138-250-212	P2101902-003	**106**	**102**	**94**	70-130	
SV138-350-212	P2101902-004	**107**	**101**	**93**	70-130	
SV138-450-212	P2101902-005	**107**	**102**	**93**	70-130	
SV141-025-212	P2101902-006	**106**	**102**	**93**	70-130	
SV141-050-212	P2101902-007	**108**	**101**	**92**	70-130	
SV141-170-212	P2101902-008	**108**	**102**	**92**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101902

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 4/26 - 4/28/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV141-250-212	P2101902-009	**108**	**102**	**92**	70-130	
SV141-350-212	P2101902-010	**104**	**102**	**94**	70-130	
SV141-450-212	P2101902-011	**106**	**102**	**94**	70-130	
SV142-030-212	P2101902-012	**106**	**102**	**96**	70-130	
SV142-050-212	P2101902-013	**106**	**100**	**95**	70-130	
SV142-170-212	P2101902-014	**105**	**102**	**95**	70-130	
SV142-170-612	P2101902-015	**106**	**102**	**95**	70-130	
SV142-250-212	P2101902-016	**105**	**102**	**94**	70-130	
SV142-350-212	P2101902-017	**104**	**101**	**93**	70-130	
SV142-450-212	P2101902-018	**105**	**100**	**94**	70-130	
SVE06-060-212	P2101902-019	**104**	**100**	**94**	70-130	
SVE06-060-612	P2101902-020	**105**	**100**	**94**	70-130	
SVE07-160-212	P2101902-021	**105**	**99**	**94**	70-130	
SVE08-260-212	P2101902-022	**105**	**100**	**94**	70-130	
SVE09-460-212	P2101902-023	**105**	**100**	**94**	70-130	
SV03-050-212	P2101902-024	**104**	**99**	**93**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	119	116	**98**	**95**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.7	38.6	**93**	**91**	59-128	2	25	
74-87-3	Chloromethane	99.8	107	104	**107**	**104**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	82.4	82.0	**101**	**101**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	108	107	**114**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	78.9	79.6	**102**	**103**	63-127	1	25	
64-17-5	Ethanol	530	522	526	**98**	**99**	59-125	1	25	
67-64-1	Acetone	435	420	419	**97**	**96**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	33.4	33.1	**92**	**91**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	164	164	**99**	**99**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	57.0	57.0	**95**	**95**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.9	24.8	**89**	**89**	66-126	0	25	
75-15-0	Carbon Disulfide	137	136	136	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	49.2	49.3	**94**	**94**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	140	141	**100**	**101**	67-130	1	25	
141-78-6	Ethyl Acetate	117	156	156	**133**	**133**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	56.9	56.9	**95**	**95**	63-120	0	25	
67-66-3	Chloroform	43.8	40.4	40.2	**92**	**92**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	127	127	**93**	**93**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	50.4	50.1	**98**	**97**	65-128	1	25	
71-43-2	Benzene	63.9	53.4	53.2	**84**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.8	30.4	**92**	**91**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	114	114	**94**	**94**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	30.0	29.7	**96**	**95**	72-128	1	25	
79-01-6	Trichloroethene	38.3	35.2	34.8	**92**	**91**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	50.3	50.2	**87**	**87**	71-122	0	25	
142-82-5	n-Heptane	51.3	48.8	48.6	**95**	**95**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	108	108	**106**	**106**	67-130	0	25	
108-88-3	Toluene	54.7	48.1	47.7	**88**	**87**	66-119	1	25	
591-78-6	2-Hexanone	98.7	104	103	**105**	**104**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.6	24.3	**100**	**98**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	26.3	26.3	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	26.6	26.2	**88**	**86**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	44.0	43.8	**93**	**92**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	87.2	86.5	**92**	**91**	61-134	1	25	
75-25-2	Bromoform	20.1	20.5	20.3	**102**	**101**	66-139	1	25	
100-42-5	Styrene	48.4	43.6	43.3	**90**	**89**	73-127	1	25	
95-47-6	o-Xylene	47.4	44.5	44.0	**94**	**93**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.5	38.9	**94**	**93**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.7	40.3	**98**	**97**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	49.9	49.8	**95**	**95**	55-142	0	25	
91-20-3	Naphthalene	37.8	37.1	37.3	**98**	**99**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	120	116	**98**	**95**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	38.1	37.3	**90**	**88**	59-128	2	25	
74-87-3	Chloromethane	99.8	109	106	**109**	**106**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	85.1	82.9	**105**	**102**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	112	110	**118**	**116**	66-134	2	25	
75-00-3	Chloroethane	77.3	83.6	81.7	**108**	**106**	63-127	2	25	
64-17-5	Ethanol	530	558	549	**105**	**104**	59-125	1	25	
67-64-1	Acetone	435	440	431	**101**	**99**	58-128	2	25	
75-69-4	Trichlorofluoromethane	36.3	32.8	32.2	**90**	**89**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	173	171	**104**	**103**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	58.3	57.1	**97**	**95**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.3	24.1	**87**	**86**	66-126	1	25	
75-15-0	Carbon Disulfide	137	138	136	**101**	**99**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	50.8	50.0	**97**	**95**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	144	142	**103**	**101**	67-130	2	25	
141-78-6	Ethyl Acetate	117	160	158	**137**	**135**	65-128	1	25	**L**
110-54-3	n-Hexane	60.2	58.2	57.5	**97**	**96**	63-120	1	25	
67-66-3	Chloroform	43.8	40.5	40.0	**92**	**91**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	130	130	**96**	**96**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	50.0	49.4	**97**	**96**	65-128	1	25	
71-43-2	Benzene	63.9	53.9	53.1	**84**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	29.5	29.2	**88**	**87**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	115	113	**95**	**93**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	29.5	29.3	**94**	**93**	72-128	1	25	
79-01-6	Trichloroethene	38.3	33.9	33.6	**89**	**88**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	50.0	49.7	**87**	**86**	71-122	1	25	
142-82-5	n-Heptane	51.3	49.5	48.9	**96**	**95**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	110	109	**108**	**107**	67-130	0.9	25	
108-88-3	Toluene	54.7	47.3	46.8	**86**	**86**	66-119	0	25	
591-78-6	2-Hexanone	98.7	104	104	**105**	**105**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	23.6	23.3	**96**	**94**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	25.6	25.4	**94**	**94**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	25.2	25.0	**83**	**82**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	43.0	42.6	**91**	**90**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	84.7	85.5	**89**	**90**	61-134	1	25	
75-25-2	Bromoform	20.1	19.2	19.2	**96**	**96**	66-139	0	25	
100-42-5	Styrene	48.4	42.1	41.8	**87**	**86**	73-127	1	25	
95-47-6	o-Xylene	47.4	43.1	42.6	**91**	**90**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.5	37.2	**89**	**89**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	38.5	38.2	**93**	**92**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	44.6	45.2	**85**	**86**	55-142	1	25	
91-20-3	Naphthalene	37.8	33.7	34.0	**89**	**90**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	114	114	**93**	**93**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.0	37.2	**87**	**88**	59-128	1	25	
74-87-3	Chloromethane	99.8	105	103	**105**	**103**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	80.5	81.6	**99**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	106	107	**112**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	78.6	79.7	**102**	**103**	63-127	1	25	
64-17-5	Ethanol	530	518	530	**98**	**100**	59-125	2	25	
67-64-1	Acetone	435	413	419	**95**	**96**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	31.8	32.2	**88**	**89**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	161	164	**97**	**99**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	55.5	56.4	**93**	**94**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	23.6	24.2	**85**	**87**	66-126	2	25	
75-15-0	Carbon Disulfide	137	132	134	**96**	**98**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	48.0	49.2	**92**	**94**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	137	140	**98**	**100**	67-130	2	25	
141-78-6	Ethyl Acetate	117	152	155	**130**	**132**	65-128	2	25	**L**
110-54-3	n-Hexane	60.2	55.2	56.5	**92**	**94**	63-120	2	25	
67-66-3	Chloroform	43.8	38.8	39.5	**89**	**90**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	124	127	**91**	**93**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	48.1	48.9	**94**	**95**	65-128	1	25	
71-43-2	Benzene	63.9	51.9	53.0	**81**	**83**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	29.0	29.4	**87**	**88**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	111	113	**92**	**93**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	28.6	29.2	**91**	**93**	72-128	2	25	
79-01-6	Trichloroethene	38.3	33.3	34.1	**87**	**89**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	48.4	49.2	**84**	**85**	71-122	1	25	
142-82-5	n-Heptane	51.3	47.7	48.7	**93**	**95**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	105	107	**103**	**105**	67-130	2	25	
108-88-3	Toluene	54.7	45.0	45.9	**82**	**84**	66-119	2	25	
591-78-6	2-Hexanone	98.7	97.7	100	**99**	**101**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	22.7	23.1	**92**	**94**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	24.7	25.1	**91**	**93**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	24.4	24.9	**80**	**82**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	41.3	42.0	**87**	**89**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	82.6	82.8	**87**	**87**	61-134	0	25	
75-25-2	Bromoform	20.1	18.8	19.1	**94**	**95**	66-139	1	25	
100-42-5	Styrene	48.4	40.5	41.4	**84**	**86**	73-127	2	25	
95-47-6	o-Xylene	47.4	41.1	42.1	**87**	**89**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	36.2	37.1	**86**	**89**	67-130	3	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	37.3	38.1	**90**	**92**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	45.6	46.3	**87**	**89**	55-142	2	25	
91-20-3	Naphthalene	37.8	34.2	34.8	**90**	**92**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00123

Initial Pressure (psig): -2.75 Final Pressure (psig): 7.13

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.4	1.5	0.59	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.1**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**5.5**	24	3.8	1.7	**J**
67-64-1	Acetone	**7.0**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**21**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.6	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**6.6**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**8.5**	4.6	2.5	0.73	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**1.1**	4.6	1.5	0.50	**J**
141-78-6	Ethyl Acetate	**1.4**	4.6	3.0	1.3	**J**
110-54-3	n-Hexane	1.5	2.4	1.5	0.50	**U**
67-66-3	Chloroform	**39**	2.4	0.78	0.32	
109-99-9	Tetrahydrofuran (THF)	**0.51**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**0.67**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**3.2**	2.3	0.78	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-001

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00123

Initial Pressure (psig): -2.75 Final Pressure (psig): 7.13

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	**7.4**	2.4	0.78	0.35	
79-01-6	Trichloroethene	**4.2**	2.3	0.78	0.33	
123-91-1	1,4-Dioxane	**0.79**	2.4	0.78	0.29	**J**
142-82-5	n-Heptane	1.5	2.4	1.5	0.39	**U**
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.33	**U**
108-88-3	Toluene	**1.1**	2.4	0.78	0.30	**J**
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	**0.61**	2.4	0.78	0.32	**J**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**1.2**	2.4	0.78	0.32	**J**
100-41-4	Ethylbenzene	0.78	2.4	0.78	0.34	**U**
179601-23-1	m,p-Xylenes	**0.87**	4.6	1.6	0.64	**J**
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	0.78	2.4	0.78	0.35	**U**
108-67-8	1,3,5-Trimethylbenzene	0.78	2.4	0.78	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	2.4	0.78	0.34	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	**1.0**	2.4	1.4	0.59	**J**
1330-20-7	Xylenes, Total	**0.87**	4.6	1.6	0.64	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00282

Initial Pressure (psig): -4.96 Final Pressure (psig): 9.82

Container Dilution Factor: 2.52

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.9**	3.3	2.0	0.82	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.0**	3.3	2.0	0.55	
74-87-3	Chloromethane	2.0	3.3	2.0	0.54	**U**
75-01-4	Vinyl Chloride	1.1	3.3	1.1	0.36	**U**
106-99-0	1,3-Butadiene	2.0	3.3	2.0	0.55	**U**
75-00-3	Chloroethane	2.0	3.3	2.0	0.42	**U**
64-17-5	Ethanol	**13**	33	5.2	2.3	**J**
67-64-1	Acetone	**58**	33	17	7.6	
75-69-4	Trichlorofluoromethane	**20**	3.2	2.0	0.51	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.5**	6.3	4.0	1.4	**J**
75-09-2	Methylene Chloride	2.0	3.3	2.0	0.95	**U**
76-13-1	Trichlorotrifluoroethane	**6.4**	3.3	1.1	0.48	
75-15-0	Carbon Disulfide	**51**	6.3	3.4	1.0	
75-34-3	1,1-Dichloroethane	2.1	3.4	2.1	0.49	**U**
78-93-3	2-Butanone (MEK)	**8.3**	6.3	2.0	0.69	
141-78-6	Ethyl Acetate	**3.2**	6.3	4.1	1.8	**J**
110-54-3	n-Hexane	**0.69**	3.3	2.0	0.69	**J**
67-66-3	Chloroform	**38**	3.3	1.1	0.45	
109-99-9	Tetrahydrofuran (THF)	**3.1**	6.3	1.1	0.42	**J**
107-06-2	1,2-Dichloroethane	1.1	3.3	1.1	0.37	**U**
71-43-2	Benzene	**1.0**	3.3	1.1	0.49	**J**
56-23-5	Carbon Tetrachloride	**3.1**	3.2	1.1	0.47	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-150-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-002

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00282

Initial Pressure (psig): -4.96 Final Pressure (psig): 9.82

Container Dilution Factor: 2.52

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.1	6.3	2.1	0.95	**U**
75-27-4	Bromodichloromethane	**7.2**	3.3	1.1	0.49	
79-01-6	Trichloroethene	**4.1**	3.2	1.1	0.45	
123-91-1	1,4-Dioxane	1.1	3.3	1.1	0.40	**U**
142-82-5	n-Heptane	**0.98**	3.3	2.0	0.54	**J**
108-10-1	4-Methyl-2-pentanone	**0.50**	6.3	1.1	0.46	**J**
108-88-3	Toluene	**70**	3.3	1.1	0.41	
591-78-6	2-Hexanone	**1.6**	6.3	1.1	0.42	**J**
124-48-1	Dibromochloromethane	**0.66**	3.3	1.1	0.44	**J**
106-93-4	1,2-Dibromoethane	1.1	3.3	1.1	0.39	**U**
127-18-4	Tetrachloroethene	**1.1**	3.3	1.1	0.43	**J**
100-41-4	Ethylbenzene	**1.6**	3.3	1.1	0.47	**J**
179601-23-1	m,p-Xylenes	**9.0**	6.3	2.1	0.88	
75-25-2	Bromoform	2.0	3.3	2.0	0.69	**U**
100-42-5	Styrene	2.0	3.3	2.0	0.54	**U**
95-47-6	o-Xylene	**2.1**	3.3	1.1	0.49	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.9**	3.3	1.1	0.49	**J**
95-63-6	1,2,4-Trimethylbenzene	**11**	3.3	1.1	0.47	
120-82-1	1,2,4-Trichlorobenzene	2.0	6.3	2.0	0.82	**U**
91-20-3	Naphthalene	**3.0**	3.3	2.0	0.82	**J**
1330-20-7	Xylenes, Total	**11**	6.3	2.1	0.88	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00215

Initial Pressure (psig): -3.59 Final Pressure (psig): 7.73

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.5**	2.6	1.6	0.66	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.2**	2.6	1.6	0.44	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**36**	27	4.2	1.9	
67-64-1	Acetone	**46**	26	14	6.1	
75-69-4	Trichlorofluoromethane	**18**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	**12**	5.1	3.2	1.1	
75-09-2	Methylene Chloride	**2.4**	2.6	1.6	0.76	**J**
76-13-1	Trichlorotrifluoroethane	**6.6**	2.7	0.86	0.38	
75-15-0	Carbon Disulfide	**89**	5.1	2.7	0.81	
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**10**	5.1	1.6	0.56	
141-78-6	Ethyl Acetate	**41**	5.1	3.3	1.4	
110-54-3	n-Hexane	**1.4**	2.6	1.6	0.56	**J**
67-66-3	Chloroform	**76**	2.7	0.86	0.36	
109-99-9	Tetrahydrofuran (THF)	**0.71**	5.1	0.86	0.34	**J**
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**0.77**	2.6	0.86	0.39	**J**
56-23-5	Carbon Tetrachloride	**3.7**	2.6	0.86	0.37	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-003

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00215

Initial Pressure (psig): -3.59 Final Pressure (psig): 7.73

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.76	**U**
75-27-4	Bromodichloromethane	**17**	2.6	0.86	0.39	
79-01-6	Trichloroethene	**6.9**	2.6	0.86	0.36	
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	**0.79**	2.6	1.6	0.43	**J**
108-10-1	4-Methyl-2-pentanone	**0.49**	5.1	0.86	0.37	**J**
108-88-3	Toluene	**4.0**	2.6	0.86	0.33	
591-78-6	2-Hexanone	**2.0**	5.1	0.86	0.33	**J**
124-48-1	Dibromochloromethane	**2.5**	2.6	0.86	0.35	**J**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**0.93**	2.6	0.86	0.35	**J**
100-41-4	Ethylbenzene	**0.40**	2.6	0.86	0.38	**J**
179601-23-1	m,p-Xylenes	**1.5**	5.1	1.7	0.71	**J**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**0.59**	2.7	0.86	0.39	**J**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.0**	2.6	0.86	0.37	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	**2.1**	5.1	1.7	0.71	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -4.27 Final Pressure (psig): 8.84

Container Dilution Factor: 2.26

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.8	2.9	1.8	0.73	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.8**	2.9	1.8	0.49	**J**
74-87-3	Chloromethane	1.8	2.9	1.8	0.49	**U**
75-01-4	Vinyl Chloride	0.96	3.0	0.96	0.32	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.50	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.37	**U**
64-17-5	Ethanol	**9.2**	30	4.7	2.1	**J**
67-64-1	Acetone	**9.5**	29	15	6.8	**J**
75-69-4	Trichlorofluoromethane	**5.3**	2.9	1.8	0.46	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.6	5.7	3.6	1.2	**U**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.85	**U**
76-13-1	Trichlorotrifluoroethane	**4.1**	3.0	0.96	0.43	
75-15-0	Carbon Disulfide	**6.9**	5.7	3.1	0.90	
75-34-3	1,1-Dichloroethane	1.9	3.1	1.9	0.44	**U**
78-93-3	2-Butanone (MEK)	**1.9**	5.7	1.8	0.62	**J**
141-78-6	Ethyl Acetate	**2.5**	5.7	3.7	1.6	**J**
110-54-3	n-Hexane	**0.63**	2.9	1.8	0.62	**J**
67-66-3	Chloroform	**93**	3.0	0.96	0.40	
109-99-9	Tetrahydrofuran (THF)	**0.72**	5.7	0.96	0.38	**J**
107-06-2	1,2-Dichloroethane	0.96	2.9	0.96	0.33	**U**
71-43-2	Benzene	**0.64**	2.9	0.96	0.44	**J**
56-23-5	Carbon Tetrachloride	**3.4**	2.9	0.96	0.42	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-004

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -4.27 Final Pressure (psig): 8.84

Container Dilution Factor: 2.26

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.7	1.9	0.85	**U**
75-27-4	Bromodichloromethane	**19**	2.9	0.96	0.44	
79-01-6	Trichloroethene	**6.9**	2.9	0.96	0.41	
123-91-1	1,4-Dioxane	0.96	2.9	0.96	0.36	**U**
142-82-5	n-Heptane	**0.63**	2.9	1.8	0.48	**J**
108-10-1	4-Methyl-2-pentanone	0.96	5.7	0.96	0.41	**U**
108-88-3	Toluene	**2.3**	2.9	0.96	0.37	**J**
591-78-6	2-Hexanone	**0.41**	5.7	0.96	0.37	**J**
124-48-1	Dibromochloromethane	**2.4**	2.9	0.96	0.40	**J**
106-93-4	1,2-Dibromoethane	0.96	2.9	0.96	0.35	**U**
127-18-4	Tetrachloroethene	**0.50**	2.9	0.96	0.39	**J**
100-41-4	Ethylbenzene	**0.57**	2.9	0.96	0.42	**J**
179601-23-1	m,p-Xylenes	**2.7**	5.7	1.9	0.79	**J**
75-25-2	Bromoform	1.8	3.0	1.8	0.62	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.49	**U**
95-47-6	o-Xylene	**0.85**	3.0	0.96	0.44	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.59**	3.0	0.96	0.44	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.9**	2.9	0.96	0.42	**J**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.7	1.8	0.73	**U**
91-20-3	Naphthalene	1.8	2.9	1.8	0.73	**U**
1330-20-7	Xylenes, Total	**3.6**	5.7	1.9	0.79	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00015

Initial Pressure (psig): -4.52 Final Pressure (psig): 8.22

Container Dilution Factor: 2.25

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.95**	2.9	1.8	0.73	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.6**	2.9	1.8	0.49	**J**
74-87-3	Chloromethane	1.8	2.9	1.8	0.48	**U**
75-01-4	Vinyl Chloride	0.96	3.0	0.96	0.32	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.50	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.37	**U**
64-17-5	Ethanol	**10**	30	4.7	2.1	**J**
67-64-1	Acetone	**21**	29	15	6.8	**J**
75-69-4	Trichlorofluoromethane	**1.4**	2.9	1.8	0.46	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.9**	5.6	3.5	1.2	**J**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.84	**U**
76-13-1	Trichlorotrifluoroethane	**1.5**	3.0	0.96	0.43	**J**
75-15-0	Carbon Disulfide	**7.1**	5.6	3.0	0.90	
75-34-3	1,1-Dichloroethane	1.9	3.0	1.9	0.44	**U**
78-93-3	2-Butanone (MEK)	**5.3**	5.6	1.8	0.62	**J**
141-78-6	Ethyl Acetate	3.7	5.6	3.7	1.6	**U**
110-54-3	n-Hexane	1.8	2.9	1.8	0.62	**U**
67-66-3	Chloroform	**44**	3.0	0.96	0.40	
109-99-9	Tetrahydrofuran (THF)	0.96	5.6	0.96	0.38	**U**
107-06-2	1,2-Dichloroethane	0.96	2.9	0.96	0.33	**U**
71-43-2	Benzene	0.96	2.9	0.96	0.43	**U**
56-23-5	Carbon Tetrachloride	**5.1**	2.9	0.96	0.42	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV138-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-005

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00015

Initial Pressure (psig): -4.52 Final Pressure (psig): 8.22

Container Dilution Factor: 2.25

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.6	1.9	0.84	**U**
75-27-4	Bromodichloromethane	**15**	2.9	0.96	0.43	
79-01-6	Trichloroethene	**2.5**	2.9	0.96	0.41	**J**
123-91-1	1,4-Dioxane	0.96	2.9	0.96	0.35	**U**
142-82-5	n-Heptane	1.8	2.9	1.8	0.48	**U**
108-10-1	4-Methyl-2-pentanone	0.96	5.6	0.96	0.41	**U**
108-88-3	Toluene	**1.1**	2.9	0.96	0.37	**J**
591-78-6	2-Hexanone	**1.4**	5.6	0.96	0.37	**J**
124-48-1	Dibromochloromethane	**3.3**	2.9	0.96	0.39	
106-93-4	1,2-Dibromoethane	0.96	2.9	0.96	0.35	**U**
127-18-4	Tetrachloroethene	0.96	2.9	0.96	0.39	**U**
100-41-4	Ethylbenzene	0.96	2.9	0.96	0.42	**U**
179601-23-1	m,p-Xylenes	**1.0**	5.6	1.9	0.79	**J**
75-25-2	Bromoform	1.8	3.0	1.8	0.62	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.48	**U**
95-47-6	o-Xylene	0.96	3.0	0.96	0.43	**U**
108-67-8	1,3,5-Trimethylbenzene	0.96	3.0	0.96	0.43	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.1**	2.9	0.96	0.42	**J**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.6	1.8	0.73	**U**
91-20-3	Naphthalene	**0.82**	2.9	1.7	0.73	**J**
1330-20-7	Xylenes, Total	**1.0**	5.6	1.9	0.79	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-025-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00276

Initial Pressure (psig): -3.12 Final Pressure (psig): 7.91

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.5**	2.5	1.6	0.63	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**16**	2.5	1.6	0.42	
74-87-3	Chloromethane	**4.7**	2.5	1.6	0.42	
75-01-4	Vinyl Chloride	0.83	2.6	0.83	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	**0.70**	2.5	1.6	0.32	**J**
64-17-5	Ethanol	**13**	26	4.0	1.8	**J**
67-64-1	Acetone	**78**	25	13	5.9	
75-69-4	Trichlorofluoromethane	**15**	2.5	1.6	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.0**	4.9	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.5	1.6	0.73	**U**
76-13-1	Trichlorotrifluoroethane	**0.66**	2.6	0.83	0.37	**J**
75-15-0	Carbon Disulfide	**4.3**	4.9	2.6	0.78	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**16**	4.9	1.6	0.54	
141-78-6	Ethyl Acetate	**2.1**	4.9	3.2	1.4	**J**
110-54-3	n-Hexane	**0.59**	2.5	1.6	0.54	**J**
67-66-3	Chloroform	**5.8**	2.6	0.83	0.35	
109-99-9	Tetrahydrofuran (THF)	**0.60**	4.9	0.83	0.33	**J**
107-06-2	1,2-Dichloroethane	0.83	2.5	0.83	0.29	**U**
71-43-2	Benzene	**0.69**	2.5	0.83	0.38	**J**
56-23-5	Carbon Tetrachloride	**0.69**	2.5	0.83	0.36	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-025-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-006

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00276

Initial Pressure (psig): -3.12 Final Pressure (psig): 7.91

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.73	**U**
75-27-4	Bromodichloromethane	**0.56**	2.5	0.83	0.38	**J**
79-01-6	Trichloroethene	0.83	2.5	0.83	0.35	**U**
123-91-1	1,4-Dioxane	**0.39**	2.5	0.83	0.31	**J**
142-82-5	n-Heptane	**0.44**	2.5	1.6	0.41	**J**
108-10-1	4-Methyl-2-pentanone	**0.60**	4.9	0.83	0.36	**J**
108-88-3	Toluene	**2.8**	2.5	0.83	0.32	
591-78-6	2-Hexanone	**1.7**	4.9	0.83	0.32	**J**
124-48-1	Dibromochloromethane	0.83	2.5	0.83	0.34	**U**
106-93-4	1,2-Dibromoethane	0.83	2.5	0.83	0.30	**U**
127-18-4	Tetrachloroethene	**1.1**	2.5	0.83	0.34	**J**
100-41-4	Ethylbenzene	**0.78**	2.5	0.83	0.37	**J**
179601-23-1	m,p-Xylenes	**3.9**	4.9	1.7	0.68	**J**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	**1.2**	2.6	0.83	0.38	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.2**	2.6	0.83	0.38	**J**
95-63-6	1,2,4-Trimethylbenzene	**7.1**	2.5	0.83	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.63	**U**
91-20-3	Naphthalene	**3.3**	2.5	1.5	0.63	
1330-20-7	Xylenes, Total	**5.1**	4.9	1.7	0.68	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00502

Initial Pressure (psig): -4.31 Final Pressure (psig): 6.89

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.7	2.7	1.7	0.68	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**19**	2.7	1.7	0.45	
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.88	2.8	0.88	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.34	**U**
64-17-5	Ethanol	**2.0**	28	4.3	1.9	**J**
67-64-1	Acetone	14	27	14	6.2	**U**
75-69-4	Trichlorofluoromethane	**21**	2.7	1.7	0.42	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.3	5.2	3.3	1.1	**U**
75-09-2	Methylene Chloride	1.7	2.7	1.7	0.78	**U**
76-13-1	Trichlorotrifluoroethane	**0.81**	2.8	0.88	0.40	**J**
75-15-0	Carbon Disulfide	2.8	5.2	2.8	0.83	**U**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**0.68**	5.2	1.7	0.57	**J**
141-78-6	Ethyl Acetate	3.4	5.2	3.4	1.5	**U**
110-54-3	n-Hexane	1.7	2.7	1.7	0.57	**U**
67-66-3	Chloroform	**12**	2.8	0.88	0.37	
109-99-9	Tetrahydrofuran (THF)	0.88	5.2	0.88	0.35	**U**
107-06-2	1,2-Dichloroethane	0.88	2.7	0.88	0.31	**U**
71-43-2	Benzene	0.88	2.7	0.88	0.40	**U**
56-23-5	Carbon Tetrachloride	**1.0**	2.7	0.88	0.38	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-007

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00502

Initial Pressure (psig): -4.31 Final Pressure (psig): 6.89

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.2	1.8	0.78	**U**
75-27-4	Bromodichloromethane	**1.4**	2.7	0.88	0.40	**J**
79-01-6	Trichloroethene	0.88	2.7	0.88	0.37	**U**
123-91-1	1,4-Dioxane	0.88	2.7	0.88	0.33	**U**
142-82-5	n-Heptane	1.7	2.7	1.7	0.44	**U**
108-10-1	4-Methyl-2-pentanone	0.88	5.2	0.88	0.38	**U**
108-88-3	Toluene	**0.71**	2.7	0.88	0.34	**J**
591-78-6	2-Hexanone	0.88	5.2	0.88	0.34	**U**
124-48-1	Dibromochloromethane	0.88	2.7	0.88	0.36	**U**
106-93-4	1,2-Dibromoethane	0.88	2.7	0.88	0.32	**U**
127-18-4	Tetrachloroethene	**1.3**	2.7	0.88	0.36	**J**
100-41-4	Ethylbenzene	0.88	2.7	0.88	0.39	**U**
179601-23-1	m,p-Xylenes	**0.91**	5.2	1.8	0.73	**J**
75-25-2	Bromoform	1.7	2.8	1.7	0.57	**U**
100-42-5	Styrene	1.7	2.7	1.7	0.45	**U**
95-47-6	o-Xylene	0.88	2.8	0.88	0.40	**U**
108-67-8	1,3,5-Trimethylbenzene	0.88	2.8	0.88	0.40	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	2.7	0.88	0.38	**J**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.2	1.7	0.68	**U**
91-20-3	Naphthalene	**2.0**	2.7	1.6	0.68	**J**
1330-20-7	Xylenes, Total	**0.91**	5.2	1.8	0.73	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00894

Initial Pressure (psig): -3.14 Final Pressure (psig): 7.61

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.77**	2.5	1.5	0.63	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**19**	2.5	1.5	0.42	
74-87-3	Chloromethane	**0.42**	2.5	1.5	0.41	**J**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**8.8**	26	4.0	1.8	**J**
67-64-1	Acetone	**21**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**23**	2.5	1.5	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	4.8	3.0	1.1	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**0.83**	2.6	0.82	0.37	**J**
75-15-0	Carbon Disulfide	**6.2**	4.8	2.6	0.77	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**3.5**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.4	**U**
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**21**	2.6	0.82	0.34	
109-99-9	Tetrahydrofuran (THF)	**1.0**	4.8	0.82	0.32	**J**
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	0.82	2.5	0.82	0.37	**U**
56-23-5	Carbon Tetrachloride	**1.1**	2.5	0.82	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-008

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00894

Initial Pressure (psig): -3.14 Final Pressure (psig): 7.61

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	**2.8**	2.5	0.82	0.37	
79-01-6	Trichloroethene	0.82	2.5	0.82	0.35	**U**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	1.5	2.5	1.5	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**0.84**	2.5	0.82	0.31	**J**
591-78-6	2-Hexanone	**0.72**	4.8	0.82	0.32	**J**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**1.5**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	0.82	2.5	0.82	0.36	**U**
179601-23-1	m,p-Xylenes	**0.91**	4.8	1.6	0.68	**J**
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	0.82	2.6	0.82	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.82	2.6	0.82	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	2.5	0.82	0.36	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	**0.97**	2.5	1.5	0.63	**J**
1330-20-7	Xylenes, Total	**0.91**	4.8	1.6	0.68	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00798

Initial Pressure (psig): -4.29 Final Pressure (psig): 6.46

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**13**	2.6	1.6	0.44	
74-87-3	Chloromethane	**0.52**	2.6	1.6	0.44	**J**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**15**	27	4.2	1.9	**J**
67-64-1	Acetone	**21**	26	14	6.1	**J**
75-69-4	Trichlorofluoromethane	**22**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.1**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	**1.8**	2.6	1.6	0.76	**J**
76-13-1	Trichlorotrifluoroethane	**0.72**	2.7	0.86	0.39	**J**
75-15-0	Carbon Disulfide	**6.5**	5.1	2.7	0.81	
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**3.6**	5.1	1.6	0.56	**J**
141-78-6	Ethyl Acetate	**2.4**	5.1	3.3	1.4	**J**
110-54-3	n-Hexane	1.6	2.6	1.6	0.56	**U**
67-66-3	Chloroform	**23**	2.7	0.86	0.36	
109-99-9	Tetrahydrofuran (THF)	**8.5**	5.1	0.86	0.34	
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**0.46**	2.6	0.86	0.39	**J**
56-23-5	Carbon Tetrachloride	**1.2**	2.6	0.86	0.38	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-009

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/26/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00798

Initial Pressure (psig): -4.29 Final Pressure (psig): 6.46

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.76	**U**
75-27-4	Bromodichloromethane	**2.6**	2.6	0.86	0.39	**J**
79-01-6	Trichloroethene	**0.46**	2.6	0.86	0.37	**J**
123-91-1	1,4-Dioxane	**0.34**	2.6	0.86	0.32	**J**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**1.8**	2.6	0.86	0.33	**J**
591-78-6	2-Hexanone	**0.84**	5.1	0.86	0.33	**J**
124-48-1	Dibromochloromethane	**0.53**	2.6	0.86	0.36	**J**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**1.0**	2.6	0.86	0.35	**J**
100-41-4	Ethylbenzene	0.86	2.6	0.86	0.38	**U**
179601-23-1	m,p-Xylenes	**1.4**	5.1	1.7	0.71	**J**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.44	**U**
95-47-6	o-Xylene	**0.44**	2.7	0.86	0.39	**J**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	2.6	0.86	0.38	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	**1.7**	2.6	1.6	0.66	**J**
1330-20-7	Xylenes, Total	**1.8**	5.1	1.7	0.71	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00958

Initial Pressure (psig): -3.93 Final Pressure (psig): 8.27

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.7	2.8	1.7	0.69	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.0**	2.8	1.7	0.46	
74-87-3	Chloromethane	1.7	2.8	1.7	0.46	**U**
75-01-4	Vinyl Chloride	0.91	2.8	0.91	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.47	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.35	**U**
64-17-5	Ethanol	**2.9**	28	4.4	2.0	**J**
67-64-1	Acetone	14	28	14	6.4	**U**
75-69-4	Trichlorofluoromethane	**9.0**	2.7	1.7	0.43	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.4	5.3	3.4	1.2	**U**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.80	**U**
76-13-1	Trichlorotrifluoroethane	0.91	2.8	0.91	0.40	**U**
75-15-0	Carbon Disulfide	**5.3**	5.3	2.9	0.85	
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**0.98**	5.3	1.7	0.59	**J**
141-78-6	Ethyl Acetate	3.5	5.3	3.5	1.5	**U**
110-54-3	n-Hexane	1.7	2.8	1.7	0.59	**U**
67-66-3	Chloroform	**8.7**	2.8	0.91	0.38	
109-99-9	Tetrahydrofuran (THF)	**3.7**	5.3	0.91	0.36	**J**
107-06-2	1,2-Dichloroethane	0.91	2.8	0.91	0.31	**U**
71-43-2	Benzene	0.91	2.8	0.91	0.41	**U**
56-23-5	Carbon Tetrachloride	**0.68**	2.7	0.91	0.39	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-010

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00958

Initial Pressure (psig): -3.93 Final Pressure (psig): 8.27

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.3	1.8	0.80	**U**
75-27-4	Bromodichloromethane	**1.7**	2.8	0.91	0.41	**J**
79-01-6	Trichloroethene	0.91	2.7	0.91	0.38	**U**
123-91-1	1,4-Dioxane	0.91	2.8	0.91	0.34	**U**
142-82-5	n-Heptane	1.7	2.8	1.7	0.45	**U**
108-10-1	4-Methyl-2-pentanone	0.91	5.3	0.91	0.39	**U**
108-88-3	Toluene	**0.78**	2.8	0.91	0.35	**J**
591-78-6	2-Hexanone	0.91	5.3	0.91	0.35	**U**
124-48-1	Dibromochloromethane	0.91	2.8	0.91	0.37	**U**
106-93-4	1,2-Dibromoethane	0.91	2.8	0.91	0.33	**U**
127-18-4	Tetrachloroethene	0.91	2.8	0.91	0.37	**U**
100-41-4	Ethylbenzene	0.91	2.8	0.91	0.40	**U**
179601-23-1	m,p-Xylenes	**0.79**	5.3	1.8	0.75	**J**
75-25-2	Bromoform	1.7	2.8	1.7	0.59	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	0.91	2.8	0.91	0.41	**U**
108-67-8	1,3,5-Trimethylbenzene	0.91	2.8	0.91	0.41	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.1**	2.8	0.91	0.39	**J**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.3	1.7	0.69	**U**
91-20-3	Naphthalene	**1.2**	2.8	1.7	0.69	**J**
1330-20-7	Xylenes, Total	**0.79**	5.3	1.8	0.75	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00506

Initial Pressure (psig): -3.89 Final Pressure (psig): 8.31

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.7	2.8	1.7	0.69	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.1**	2.8	1.7	0.46	
74-87-3	Chloromethane	**30**	2.8	1.7	0.46	
75-01-4	Vinyl Chloride	**9.5**	2.8	0.91	0.30	
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.47	**U**
75-00-3	Chloroethane	**8.2**	2.8	1.7	0.35	
64-17-5	Ethanol	**3.9**	28	4.4	2.0	**J**
67-64-1	Acetone	**26**	28	14	6.4	**J**
75-69-4	Trichlorofluoromethane	**6.5**	2.7	1.7	0.43	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.4	5.3	3.4	1.2	**U**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.80	**U**
76-13-1	Trichlorotrifluoroethane	0.91	2.8	0.91	0.40	**U**
75-15-0	Carbon Disulfide	**100**	5.3	2.9	0.85	
75-34-3	1,1-Dichloroethane	**6.3**	2.9	1.8	0.42	
78-93-3	2-Butanone (MEK)	**9.8**	5.3	1.7	0.59	
141-78-6	Ethyl Acetate	3.5	5.3	3.5	1.5	**U**
110-54-3	n-Hexane	**0.61**	2.8	1.7	0.59	**J**
67-66-3	Chloroform	**3.0**	2.8	0.91	0.38	
109-99-9	Tetrahydrofuran (THF)	**150**	5.3	0.91	0.36	
107-06-2	1,2-Dichloroethane	**2.8**	2.8	0.91	0.31	
71-43-2	Benzene	**1.5**	2.8	0.91	0.41	**J**
56-23-5	Carbon Tetrachloride	**0.68**	2.7	0.91	0.39	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV141-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-011

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Topacio Zavala Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00506

Initial Pressure (psig): -3.89 Final Pressure (psig): 8.31

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.3	1.8	0.80	**U**
75-27-4	Bromodichloromethane	0.91	2.8	0.91	0.41	**U**
79-01-6	Trichloroethene	0.91	2.7	0.91	0.38	**U**
123-91-1	1,4-Dioxane	0.91	2.8	0.91	0.34	**U**
142-82-5	n-Heptane	**0.91**	2.8	1.7	0.45	**J**
108-10-1	4-Methyl-2-pentanone	**4.8**	5.3	0.91	0.39	**J**
108-88-3	Toluene	**1.2**	2.8	0.91	0.35	**J**
591-78-6	2-Hexanone	**0.41**	5.3	0.91	0.35	**J**
124-48-1	Dibromochloromethane	0.91	2.8	0.91	0.37	**U**
106-93-4	1,2-Dibromoethane	0.91	2.8	0.91	0.33	**U**
127-18-4	Tetrachloroethene	**0.39**	2.8	0.91	0.37	**J**
100-41-4	Ethylbenzene	0.91	2.8	0.91	0.40	**U**
179601-23-1	m,p-Xylenes	**0.96**	5.3	1.8	0.75	**J**
75-25-2	Bromoform	1.7	2.8	1.7	0.59	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	0.91	2.8	0.91	0.41	**U**
108-67-8	1,3,5-Trimethylbenzene	0.91	2.8	0.91	0.41	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.2**	2.8	0.91	0.39	**J**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.3	1.7	0.69	**U**
91-20-3	Naphthalene	**1.4**	2.8	1.7	0.69	**J**
1330-20-7	Xylenes, Total	**0.96**	5.3	1.8	0.75	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-030-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00716

Initial Pressure (psig): -4.49 Final Pressure (psig): 7.02

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.8	1.7	0.69	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.8	1.7	0.46	**J**
74-87-3	Chloromethane	1.7	2.8	1.7	0.46	**U**
75-01-4	Vinyl Chloride	0.91	2.8	0.91	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.47	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.35	**U**
64-17-5	Ethanol	**16**	28	4.4	2.0	**J**
67-64-1	Acetone	**33**	28	14	6.4	
75-69-4	Trichlorofluoromethane	**1.4**	2.7	1.7	0.43	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.8**	5.3	3.4	1.2	**J**
75-09-2	Methylene Chloride	**0.85**	2.8	1.7	0.80	**J**
76-13-1	Trichlorotrifluoroethane	**0.46**	2.8	0.91	0.40	**J**
75-15-0	Carbon Disulfide	2.9	5.3	2.9	0.85	**U**
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**9.5**	5.3	1.7	0.59	
141-78-6	Ethyl Acetate	3.5	5.3	3.5	1.5	**U**
110-54-3	n-Hexane	**0.67**	2.8	1.7	0.59	**J**
67-66-3	Chloroform	**1.7**	2.8	0.91	0.38	**J**
109-99-9	Tetrahydrofuran (THF)	0.91	5.3	0.91	0.36	**U**
107-06-2	1,2-Dichloroethane	0.91	2.8	0.91	0.31	**U**
71-43-2	Benzene	**0.91**	2.8	0.91	0.41	**J**
56-23-5	Carbon Tetrachloride	0.91	2.7	0.91	0.39	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-030-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-012

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00716

Initial Pressure (psig): -4.49 Final Pressure (psig): 7.02

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.3	1.8	0.80	**U**
75-27-4	Bromodichloromethane	0.91	2.8	0.91	0.41	**U**
79-01-6	Trichloroethene	0.91	2.7	0.91	0.38	**U**
123-91-1	1,4-Dioxane	0.91	2.8	0.91	0.34	**U**
142-82-5	n-Heptane	**1.2**	2.8	1.7	0.45	**J**
108-10-1	4-Methyl-2-pentanone	**0.61**	5.3	0.91	0.39	**J**
108-88-3	Toluene	**7.5**	2.8	0.91	0.35	
591-78-6	2-Hexanone	**4.9**	5.3	0.91	0.35	**J**
124-48-1	Dibromochloromethane	0.91	2.8	0.91	0.37	**U**
106-93-4	1,2-Dibromoethane	0.91	2.8	0.91	0.33	**U**
127-18-4	Tetrachloroethene	0.91	2.8	0.91	0.37	**U**
100-41-4	Ethylbenzene	**2.4**	2.8	0.91	0.40	**J**
179601-23-1	m,p-Xylenes	**10**	5.3	1.8	0.75	
75-25-2	Bromoform	1.7	2.8	1.7	0.59	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	**3.4**	2.8	0.91	0.41	
108-67-8	1,3,5-Trimethylbenzene	**3.3**	2.8	0.91	0.41	
95-63-6	1,2,4-Trimethylbenzene	**16**	2.8	0.91	0.39	
120-82-1	1,2,4-Trichlorobenzene	1.7	5.3	1.7	0.69	**U**
91-20-3	Naphthalene	**32**	2.8	1.7	0.69	
1330-20-7	Xylenes, Total	**14**	5.3	1.8	0.75	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01142

Initial Pressure (psig): -4.07 Final Pressure (psig): 8.80

Container Dilution Factor: 2.21

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.99**	2.9	1.8	0.72	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.9	1.8	0.48	**J**
74-87-3	Chloromethane	1.8	2.9	1.8	0.48	**U**
75-01-4	Vinyl Chloride	0.94	2.9	0.94	0.31	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.49	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.36	**U**
64-17-5	Ethanol	**7.0**	29	4.6	2.0	**J**
67-64-1	Acetone	**18**	29	15	6.6	**J**
75-69-4	Trichlorofluoromethane	**1.5**	2.8	1.8	0.45	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	5.5	3.5	1.2	**J**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.83	**U**
76-13-1	Trichlorotrifluoroethane	**0.46**	2.9	0.94	0.42	**J**
75-15-0	Carbon Disulfide	**34**	5.5	3.0	0.88	
75-34-3	1,1-Dichloroethane	1.8	3.0	1.8	0.43	**U**
78-93-3	2-Butanone (MEK)	**6.1**	5.5	1.8	0.61	
141-78-6	Ethyl Acetate	3.6	5.5	3.6	1.5	**U**
110-54-3	n-Hexane	1.8	2.9	1.8	0.61	**U**
67-66-3	Chloroform	**1.3**	2.9	0.94	0.39	**J**
109-99-9	Tetrahydrofuran (THF)	0.94	5.5	0.94	0.37	**U**
107-06-2	1,2-Dichloroethane	0.94	2.9	0.94	0.33	**U**
71-43-2	Benzene	**0.51**	2.9	0.94	0.43	**J**
56-23-5	Carbon Tetrachloride	0.94	2.8	0.94	0.41	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-013

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01142

Initial Pressure (psig): -4.07 Final Pressure (psig): 8.80

Container Dilution Factor: 2.21

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.5	1.9	0.83	**U**
75-27-4	Bromodichloromethane	0.94	2.9	0.94	0.43	**U**
79-01-6	Trichloroethene	0.94	2.8	0.94	0.40	**U**
123-91-1	1,4-Dioxane	0.94	2.9	0.94	0.35	**U**
142-82-5	n-Heptane	1.8	2.9	1.8	0.47	**U**
108-10-1	4-Methyl-2-pentanone	0.94	5.5	0.94	0.40	**U**
108-88-3	Toluene	**1.4**	2.9	0.94	0.36	**J**
591-78-6	2-Hexanone	**1.1**	5.5	0.94	0.36	**J**
124-48-1	Dibromochloromethane	0.94	2.9	0.94	0.39	**U**
106-93-4	1,2-Dibromoethane	0.94	2.9	0.94	0.34	**U**
127-18-4	Tetrachloroethene	0.94	2.9	0.94	0.38	**U**
100-41-4	Ethylbenzene	**0.46**	2.9	0.94	0.41	**J**
179601-23-1	m,p-Xylenes	**2.0**	5.5	1.9	0.77	**J**
75-25-2	Bromoform	1.8	2.9	1.8	0.61	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.48	**U**
95-47-6	o-Xylene	**0.65**	2.9	0.94	0.43	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.73**	2.9	0.94	0.43	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.5**	2.9	0.94	0.41	
120-82-1	1,2,4-Trichlorobenzene	1.8	5.5	1.8	0.72	**U**
91-20-3	Naphthalene	**14**	2.9	1.7	0.72	
1330-20-7	Xylenes, Total	**2.6**	5.5	1.9	0.77	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.69

Container Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.5**	2.3	1.4	0.58	
75-71-8	Dichlorodifluoromethane (CFC 12)	**17**	2.3	1.4	0.38	
74-87-3	Chloromethane	**0.63**	2.3	1.4	0.38	**J**
75-01-4	Vinyl Chloride	0.75	2.3	0.75	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**50**	23	3.7	1.6	
67-64-1	Acetone	**40**	23	12	5.3	
75-69-4	Trichlorofluoromethane	**13**	2.3	1.4	0.36	
67-63-0	2-Propanol (Isopropyl Alcohol)	**22**	4.4	2.8	0.97	
75-09-2	Methylene Chloride	**4.7**	2.3	1.4	0.66	
76-13-1	Trichlorotrifluoroethane	**0.58**	2.3	0.75	0.34	**J**
75-15-0	Carbon Disulfide	**8.1**	4.4	2.4	0.71	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**7.6**	4.4	1.4	0.49	
141-78-6	Ethyl Acetate	**58**	4.4	2.9	1.2	
110-54-3	n-Hexane	**3.3**	2.3	1.4	0.49	
67-66-3	Chloroform	**0.92**	2.3	0.75	0.31	**J**
109-99-9	Tetrahydrofuran (THF)	**1.0**	4.4	0.75	0.30	**J**
107-06-2	1,2-Dichloroethane	0.75	2.3	0.75	0.26	**U**
71-43-2	Benzene	**1.0**	2.3	0.75	0.34	**J**
56-23-5	Carbon Tetrachloride	**1.1**	2.3	0.75	0.33	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-014

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.69

Container Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.3**	4.4	1.5	0.66	**J**
75-27-4	Bromodichloromethane	0.75	2.3	0.75	0.34	**U**
79-01-6	Trichloroethene	0.75	2.3	0.75	0.32	**U**
123-91-1	1,4-Dioxane	0.75	2.3	0.75	0.28	**U**
142-82-5	n-Heptane	**2.2**	2.3	1.4	0.38	**J**
108-10-1	4-Methyl-2-pentanone	**0.60**	4.4	0.75	0.32	**J**
108-88-3	Toluene	**9.9**	2.3	0.75	0.29	
591-78-6	2-Hexanone	**1.9**	4.4	0.75	0.29	**J**
124-48-1	Dibromochloromethane	0.75	2.3	0.75	0.31	**U**
106-93-4	1,2-Dibromoethane	0.75	2.3	0.75	0.27	**U**
127-18-4	Tetrachloroethene	**0.66**	2.3	0.75	0.31	**J**
100-41-4	Ethylbenzene	**1.4**	2.3	0.75	0.33	**J**
179601-23-1	m,p-Xylenes	**6.1**	4.4	1.5	0.62	
75-25-2	Bromoform	1.4	2.3	1.4	0.49	**U**
100-42-5	Styrene	**0.44**	2.3	1.4	0.38	**J**
95-47-6	o-Xylene	**1.9**	2.3	0.75	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.5**	2.3	0.75	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.6**	2.3	0.75	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.58	**U**
91-20-3	Naphthalene	**5.8**	2.3	1.4	0.58	
1330-20-7	Xylenes, Total	**8.0**	4.4	1.5	0.62	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00205

Initial Pressure (psig): -4.64 Final Pressure (psig): 8.96

Container Dilution Factor: 2.35

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	3.1	1.9	0.76	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**23**	3.1	1.9	0.51	
74-87-3	Chloromethane	1.9	3.1	1.9	0.51	**U**
75-01-4	Vinyl Chloride	1.0	3.1	1.0	0.33	**U**
106-99-0	1,3-Butadiene	1.9	3.1	1.9	0.52	**U**
75-00-3	Chloroethane	1.9	3.1	1.9	0.39	**U**
64-17-5	Ethanol	**8.1**	31	4.9	2.2	**J**
67-64-1	Acetone	**33**	31	16	7.1	
75-69-4	Trichlorofluoromethane	**18**	3.0	1.9	0.48	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	5.9	3.7	1.3	**J**
75-09-2	Methylene Chloride	1.9	3.1	1.9	0.88	**U**
76-13-1	Trichlorotrifluoroethane	**0.57**	3.1	1.0	0.45	**J**
75-15-0	Carbon Disulfide	**120**	5.9	3.2	0.94	
75-34-3	1,1-Dichloroethane	1.9	3.2	1.9	0.46	**U**
78-93-3	2-Butanone (MEK)	**12**	5.9	1.9	0.65	
141-78-6	Ethyl Acetate	3.8	5.9	3.8	1.6	**U**
110-54-3	n-Hexane	1.9	3.1	1.9	0.65	**U**
67-66-3	Chloroform	**0.79**	3.1	1.0	0.42	**J**
109-99-9	Tetrahydrofuran (THF)	**1.1**	5.9	1.0	0.39	**J**
107-06-2	1,2-Dichloroethane	1.0	3.1	1.0	0.35	**U**
71-43-2	Benzene	**0.71**	3.1	1.0	0.45	**J**
56-23-5	Carbon Tetrachloride	**1.6**	3.0	1.0	0.43	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-170-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-015

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00205

Initial Pressure (psig): -4.64 Final Pressure (psig): 8.96

Container Dilution Factor: 2.35

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.0	5.9	2.0	0.88	**U**
75-27-4	Bromodichloromethane	1.0	3.1	1.0	0.45	**U**
79-01-6	Trichloroethene	1.0	3.0	1.0	0.42	**U**
123-91-1	1,4-Dioxane	**2.3**	3.1	1.0	0.37	**J**
142-82-5	n-Heptane	1.9	3.1	1.9	0.50	**U**
108-10-1	4-Methyl-2-pentanone	**0.80**	5.9	1.0	0.43	**J**
108-88-3	Toluene	**1.3**	3.1	1.0	0.38	**J**
591-78-6	2-Hexanone	**1.1**	5.9	1.0	0.39	**J**
124-48-1	Dibromochloromethane	1.0	3.1	1.0	0.41	**U**
106-93-4	1,2-Dibromoethane	1.0	3.1	1.0	0.36	**U**
127-18-4	Tetrachloroethene	**0.70**	3.1	1.0	0.41	**J**
100-41-4	Ethylbenzene	1.0	3.1	1.0	0.44	**U**
179601-23-1	m,p-Xylenes	**1.6**	5.9	2.0	0.82	**J**
75-25-2	Bromoform	1.9	3.1	1.9	0.65	**U**
100-42-5	Styrene	1.9	3.1	1.9	0.51	**U**
95-47-6	o-Xylene	**0.50**	3.1	1.0	0.45	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.50**	3.1	1.0	0.45	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.7**	3.1	1.0	0.43	**J**
120-82-1	1,2,4-Trichlorobenzene	1.9	5.9	1.9	0.76	**U**
91-20-3	Naphthalene	**2.6**	3.1	1.8	0.76	**J**
1330-20-7	Xylenes, Total	**2.1**	5.9	2.0	0.82	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00591

Initial Pressure (psig): -2.76 Final Pressure (psig): 9.09

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.73**	2.6	1.6	0.65	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**22**	2.6	1.6	0.43	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.6	0.85	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**16**	26	4.1	1.8	**J**
67-64-1	Acetone	**16**	26	13	6.0	**J**
75-69-4	Trichlorofluoromethane	**18**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	5.0	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**0.58**	2.6	0.85	0.38	**J**
75-15-0	Carbon Disulfide	**6.7**	5.0	2.7	0.80	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**2.5**	5.0	1.6	0.55	**J**
141-78-6	Ethyl Acetate	**2.1**	5.0	3.2	1.4	**J**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**1.7**	2.6	0.85	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**1.7**	5.0	0.85	0.33	**J**
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.29	**U**
71-43-2	Benzene	**0.59**	2.6	0.85	0.38	**J**
56-23-5	Carbon Tetrachloride	**1.8**	2.5	0.85	0.37	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-250-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-016

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00591

Initial Pressure (psig): -2.76 Final Pressure (psig): 9.09

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.38	**U**
79-01-6	Trichloroethene	0.85	2.5	0.85	0.36	**U**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.31	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.36	**U**
108-88-3	Toluene	**1.4**	2.6	0.85	0.32	**J**
591-78-6	2-Hexanone	**0.72**	5.0	0.85	0.33	**J**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**0.54**	2.6	0.85	0.34	**J**
100-41-4	Ethylbenzene	**0.45**	2.6	0.85	0.37	**J**
179601-23-1	m,p-Xylenes	**2.1**	5.0	1.7	0.70	**J**
75-25-2	Bromoform	1.6	2.6	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**0.69**	2.6	0.85	0.38	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.70**	2.6	0.85	0.38	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.8**	2.6	0.85	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	**7.2**	2.6	1.5	0.65	
1330-20-7	Xylenes, Total	**2.8**	5.0	1.7	0.70	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00315

Initial Pressure (psig): -3.11 Final Pressure (psig): 7.96

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.5	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.7**	2.5	1.6	0.43	
74-87-3	Chloromethane	**6.8**	2.5	1.6	0.42	
75-01-4	Vinyl Chloride	0.83	2.6	0.83	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	**0.79**	2.5	1.6	0.32	**J**
64-17-5	Ethanol	**11**	26	4.1	1.8	**J**
67-64-1	Acetone	**46**	25	13	5.9	
75-69-4	Trichlorofluoromethane	**6.5**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	4.9	3.1	1.1	**J**
75-09-2	Methylene Chloride	**0.99**	2.5	1.6	0.74	**J**
76-13-1	Trichlorotrifluoroethane	0.83	2.6	0.83	0.37	**U**
75-15-0	Carbon Disulfide	**9.8**	4.9	2.6	0.78	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**6.7**	4.9	1.6	0.54	
141-78-6	Ethyl Acetate	**2.6**	4.9	3.2	1.4	**J**
110-54-3	n-Hexane	**1.9**	2.5	1.6	0.54	**J**
67-66-3	Chloroform	**7.7**	2.6	0.83	0.35	
109-99-9	Tetrahydrofuran (THF)	**3.8**	4.9	0.83	0.33	**J**
107-06-2	1,2-Dichloroethane	**0.43**	2.5	0.83	0.29	**J**
71-43-2	Benzene	**0.58**	2.5	0.83	0.38	**J**
56-23-5	Carbon Tetrachloride	**1.7**	2.5	0.83	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-350-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-017

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/28/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00315

Initial Pressure (psig): -3.11 Final Pressure (psig): 7.96

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.74	**U**
75-27-4	Bromodichloromethane	**3.4**	2.5	0.83	0.38	
79-01-6	Trichloroethene	0.83	2.5	0.83	0.35	**U**
123-91-1	1,4-Dioxane	**1.7**	2.5	0.83	0.31	**J**
142-82-5	n-Heptane	**0.71**	2.5	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	**0.56**	4.9	0.83	0.36	**J**
108-88-3	Toluene	**1.3**	2.5	0.83	0.32	**J**
591-78-6	2-Hexanone	**0.93**	4.9	0.83	0.32	**J**
124-48-1	Dibromochloromethane	**5.2**	2.5	0.83	0.34	
106-93-4	1,2-Dibromoethane	**2.0**	2.5	0.83	0.30	**J**
127-18-4	Tetrachloroethene	0.83	2.5	0.83	0.34	**U**
100-41-4	Ethylbenzene	**0.68**	2.5	0.83	0.37	**J**
179601-23-1	m,p-Xylenes	**2.0**	4.9	1.7	0.69	**J**
75-25-2	Bromoform	**13**	2.6	1.6	0.54	
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	**0.52**	2.6	0.83	0.38	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.45**	2.6	0.83	0.38	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.2**	2.5	0.83	0.36	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	**2.1**	2.5	1.5	0.64	**J**
1330-20-7	Xylenes, Total	**2.5**	4.9	1.7	0.69	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SS00739

Initial Pressure (psig): -4.10 Final Pressure (psig): 8.01

Container Dilution Factor: 2.14

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	6.8	11	6.8	2.8	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.7**	11	6.8	1.9	**J**
74-87-3	Chloromethane	6.8	11	6.8	1.8	**U**
75-01-4	Vinyl Chloride	3.6	11	3.6	1.2	**U**
106-99-0	1,3-Butadiene	6.8	11	6.8	1.9	**U**
75-00-3	Chloroethane	6.8	11	6.8	1.4	**U**
64-17-5	Ethanol	18	110	18	7.9	**U**
67-64-1	Acetone	58	110	58	26	**U**
75-69-4	Trichlorofluoromethane	**4.0**	11	6.8	1.7	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.1**	21	13	4.7	**J**
75-09-2	Methylene Chloride	6.8	11	6.8	3.2	**U**
76-13-1	Trichlorotrifluoroethane	3.6	11	3.6	1.6	**U**
75-15-0	Carbon Disulfide	**23**	21	12	3.4	
75-34-3	1,1-Dichloroethane	7.1	12	7.1	1.7	**U**
78-93-3	2-Butanone (MEK)	**3.9**	21	6.8	2.4	**J**
141-78-6	Ethyl Acetate	14	21	14	6.0	**U**
110-54-3	n-Hexane	**2,000**	560	340	120	**D**
67-66-3	Chloroform	3.6	11	3.6	1.5	**U**
109-99-9	Tetrahydrofuran (THF)	**1.6**	21	3.6	1.4	**J**
107-06-2	1,2-Dichloroethane	3.6	11	3.6	1.3	**U**
71-43-2	Benzene	**240**	11	3.6	1.6	
56-23-5	Carbon Tetrachloride	3.6	11	3.6	1.6	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV142-450-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-018

Test Code: EPA TO-15 Date Collected: 4/6/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes: 0.0020 Liter(s)
Container ID: 1SS00739

Initial Pressure (psig): -4.10 Final Pressure (psig): 8.01

Container Dilution Factor: 2.14

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,500**	21	7.3	3.2	
75-27-4	Bromodichloromethane	3.6	11	3.6	1.6	**U**
79-01-6	Trichloroethene	3.6	11	3.6	1.5	**U**
123-91-1	1,4-Dioxane	3.6	11	3.6	1.3	**U**
142-82-5	n-Heptane	**1,800**	11	6.8	1.8	
108-10-1	4-Methyl-2-pentanone	3.6	21	3.6	1.6	**U**
108-88-3	Toluene	**120**	11	3.6	1.4	
591-78-6	2-Hexanone	3.6	21	3.6	1.4	**U**
124-48-1	Dibromochloromethane	3.6	11	3.6	1.5	**U**
106-93-4	1,2-Dibromoethane	3.6	11	3.6	1.3	**U**
127-18-4	Tetrachloroethene	3.6	11	3.6	1.5	**U**
100-41-4	Ethylbenzene	**16**	11	3.6	1.6	
179601-23-1	m,p-Xylenes	**17**	21	7.3	3.0	**J**
75-25-2	Bromoform	6.8	11	6.8	2.4	**U**
100-42-5	Styrene	6.8	11	6.8	1.8	**U**
95-47-6	o-Xylene	**170**	11	3.6	1.6	
108-67-8	1,3,5-Trimethylbenzene	**43**	11	3.6	1.6	
95-63-6	1,2,4-Trimethylbenzene	**3.4**	11	3.6	1.6	**J**
120-82-1	1,2,4-Trichlorobenzene	6.8	21	6.8	2.8	**U**
91-20-3	Naphthalene	6.6	11	6.6	2.8	**U**
1330-20-7	Xylenes, Total	**190**	21	7.3	3.0	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SC01205

Initial Pressure (psig): -2.46 Final Pressure (psig): 8.27

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,300**	4,900	3,000	1,200	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	3,000	4,900	3,000	820	**U**
74-87-3	Chloromethane	3,000	4,900	3,000	810	**U**
75-01-4	Vinyl Chloride	1,600	5,000	1,600	540	**U**
106-99-0	1,3-Butadiene	3,000	4,900	3,000	830	**U**
75-00-3	Chloroethane	3,000	4,900	3,000	620	**U**
64-17-5	Ethanol	**27,000**	50,000	7,800	3,500	**J**
67-64-1	Acetone	**140,000**	49,000	25,000	11,000	
75-69-4	Trichlorofluoromethane	3,000	4,800	3,000	760	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6,200**	9,400	5,900	2,100	**J**
75-09-2	Methylene Chloride	3,000	4,900	3,000	1,400	**U**
76-13-1	Trichlorotrifluoroethane	1,600	5,000	1,600	710	**U**
75-15-0	Carbon Disulfide	5,100	9,400	5,100	1,500	**U**
75-34-3	1,1-Dichloroethane	3,100	5,100	3,100	730	**U**
78-93-3	2-Butanone (MEK)	**31,000**	9,400	3,000	1,000	
141-78-6	Ethyl Acetate	6,100	9,400	6,100	2,600	**U**
110-54-3	n-Hexane	**820,000**	4,900	3,000	1,000	
67-66-3	Chloroform	1,600	5,000	1,600	670	**U**
109-99-9	Tetrahydrofuran (THF)	1,600	9,400	1,600	630	**U**
107-06-2	1,2-Dichloroethane	1,600	4,900	1,600	550	**U**
71-43-2	Benzene	**150,000**	4,900	1,600	720	
56-23-5	Carbon Tetrachloride	1,600	4,800	1,600	700	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-019

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SC01205

Initial Pressure (psig): -2.46 Final Pressure (psig): 8.27

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**790,000**	9,400	3,200	1,400	
75-27-4	Bromodichloromethane	1,600	4,900	1,600	720	**U**
79-01-6	Trichloroethene	1,600	4,800	1,600	680	**U**
123-91-1	1,4-Dioxane	1,600	4,900	1,600	590	**U**
142-82-5	n-Heptane	**730,000**	4,900	3,000	800	
108-10-1	4-Methyl-2-pentanone	**1,100**	9,400	1,600	690	**J**
108-88-3	Toluene	**340,000**	4,900	1,600	610	
591-78-6	2-Hexanone	1,600	9,400	1,600	620	**U**
124-48-1	Dibromochloromethane	1,600	4,900	1,600	660	**U**
106-93-4	1,2-Dibromoethane	1,600	4,900	1,600	580	**U**
127-18-4	Tetrachloroethene	1,600	4,900	1,600	650	**U**
100-41-4	Ethylbenzene	**76,000**	4,900	1,600	710	
179601-23-1	m,p-Xylenes	**78,000**	9,400	3,200	1,300	
75-25-2	Bromoform	3,000	5,000	3,000	1,000	**U**
100-42-5	Styrene	3,000	4,900	3,000	810	**U**
95-47-6	o-Xylene	**29,000**	5,000	1,600	720	
108-67-8	1,3,5-Trimethylbenzene	**7,300**	5,000	1,600	720	
95-63-6	1,2,4-Trimethylbenzene	**21,000**	4,900	1,600	700	
120-82-1	1,2,4-Trichlorobenzene	3,000	9,400	3,000	1,200	**U**
91-20-3	Naphthalene	2,900	4,900	2,900	1,200	**U**
1330-20-7	Xylenes, Total	**110,000**	9,400	3,200	1,300	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00485

Initial Pressure (psig): -5.82 Final Pressure (psig): 7.81

Container Dilution Factor: 2.53

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,200**	4,400	2,700	1,100	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,700	4,400	2,700	730	**U**
74-87-3	Chloromethane	2,700	4,400	2,700	730	**U**
75-01-4	Vinyl Chloride	1,400	4,500	1,400	480	**U**
106-99-0	1,3-Butadiene	2,700	4,400	2,700	740	**U**
75-00-3	Chloroethane	2,700	4,400	2,700	560	**U**
64-17-5	Ethanol	**24,000**	45,000	7,000	3,100	**J**
67-64-1	Acetone	**140,000**	44,000	23,000	10,000	
75-69-4	Trichlorofluoromethane	2,700	4,300	2,700	680	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5,300**	8,400	5,300	1,900	**J**
75-09-2	Methylene Chloride	2,700	4,400	2,700	1,300	**U**
76-13-1	Trichlorotrifluoroethane	1,400	4,500	1,400	640	**U**
75-15-0	Carbon Disulfide	4,600	8,400	4,600	1,300	**U**
75-34-3	1,1-Dichloroethane	2,800	4,600	2,800	660	**U**
78-93-3	2-Butanone (MEK)	**30,000**	8,400	2,700	930	
141-78-6	Ethyl Acetate	5,500	8,400	5,500	2,400	**U**
110-54-3	n-Hexane	**800,000**	4,400	2,700	930	
67-66-3	Chloroform	1,400	4,500	1,400	600	**U**
109-99-9	Tetrahydrofuran (THF)	1,400	8,400	1,400	570	**U**
107-06-2	1,2-Dichloroethane	1,400	4,400	1,400	500	**U**
71-43-2	Benzene	**140,000**	4,400	1,400	650	
56-23-5	Carbon Tetrachloride	1,400	4,300	1,400	620	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE06-060-612** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-020

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes:
Container ID: 1SC00485

Initial Pressure (psig): -5.82 Final Pressure (psig): 7.81

Container Dilution Factor: 2.53

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**760,000**		8,400	2,900	1,300	
75-27-4	Bromodichloromethane		1,400	4,400	1,400	650	**U**
79-01-6	Trichloroethene		1,400	4,300	1,400	610	**U**
123-91-1	1,4-Dioxane		1,400	4,400	1,400	530	**U**
142-82-5	n-Heptane	**690,000**		4,400	2,700	720	
108-10-1	4-Methyl-2-pentanone	**1,100**		8,400	1,400	620	**J**
108-88-3	Toluene	**310,000**		4,400	1,400	550	
591-78-6	2-Hexanone		1,400	8,400	1,400	560	**U**
124-48-1	Dibromochloromethane		1,400	4,400	1,400	590	**U**
106-93-4	1,2-Dibromoethane		1,400	4,400	1,400	520	**U**
127-18-4	Tetrachloroethene		1,400	4,400	1,400	580	**U**
100-41-4	Ethylbenzene	**63,000**		4,400	1,400	630	
179601-23-1	m,p-Xylenes	**62,000**		8,400	2,900	1,200	
75-25-2	Bromoform		2,700	4,500	2,700	930	**U**
100-42-5	Styrene		2,700	4,400	2,700	730	**U**
95-47-6	o-Xylene	**22,000**		4,500	1,400	650	
108-67-8	1,3,5-Trimethylbenzene	**4,800**		4,500	1,400	650	
95-63-6	1,2,4-Trimethylbenzene	**13,000**		4,400	1,400	620	
120-82-1	1,2,4-Trichlorobenzene		2,700	8,400	2,700	1,100	**U**
91-20-3	Naphthalene		2,600	4,400	2,600	1,100	**U**
1330-20-7	Xylenes, Total	**85,000**		8,400	2,900	1,200	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE07-160-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -4.18 Final Pressure (psig): 8.21

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	3,500	5,700	3,500	1,400	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	3,500	5,700	3,500	950	**U**
74-87-3	Chloromethane	3,500	5,700	3,500	940	**U**
75-01-4	Vinyl Chloride	1,900	5,800	1,900	620	**U**
106-99-0	1,3-Butadiene	3,500	5,700	3,500	960	**U**
75-00-3	Chloroethane	3,500	5,700	3,500	720	**U**
64-17-5	Ethanol	**24,000**	58,000	9,000	4,000	**J**
67-64-1	Acetone	**330,000**	57,000	29,000	13,000	
75-69-4	Trichlorofluoromethane	3,500	5,600	3,500	880	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5,100**	11,000	6,900	2,400	**J**
75-09-2	Methylene Chloride	3,500	5,700	3,500	1,600	**U**
76-13-1	Trichlorotrifluoroethane	1,900	5,800	1,900	830	**U**
75-15-0	Carbon Disulfide	5,900	11,000	5,900	1,700	**U**
75-34-3	1,1-Dichloroethane	3,600	5,900	3,600	850	**U**
78-93-3	2-Butanone (MEK)	**120,000**	11,000	3,500	1,200	
141-78-6	Ethyl Acetate	7,100	11,000	7,100	3,100	**U**
110-54-3	n-Hexane	**890,000**	5,700	3,500	1,200	
67-66-3	Chloroform	1,900	5,800	1,900	770	**U**
109-99-9	Tetrahydrofuran (THF)	1,900	11,000	1,900	730	**U**
107-06-2	1,2-Dichloroethane	1,900	5,700	1,900	640	**U**
71-43-2	Benzene	**190,000**	5,700	1,900	840	
56-23-5	Carbon Tetrachloride	1,900	5,600	1,900	810	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE07-160-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-021

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01002

Initial Pressure (psig): -4.18 Final Pressure (psig): 8.21

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**430,000**		11,000	3,700	1,600	
75-27-4	Bromodichloromethane		1,900	5,700	1,900	840	**U**
79-01-6	Trichloroethene		1,900	5,600	1,900	780	**U**
123-91-1	1,4-Dioxane		1,900	5,700	1,900	690	**U**
142-82-5	n-Heptane	**640,000**		5,700	3,500	930	
108-10-1	4-Methyl-2-pentanone	**4,100**		11,000	1,900	800	**J**
108-88-3	Toluene	**390,000**		5,700	1,900	710	
591-78-6	2-Hexanone		1,900	11,000	1,900	720	**U**
124-48-1	Dibromochloromethane		1,900	5,700	1,900	760	**U**
106-93-4	1,2-Dibromoethane		1,900	5,700	1,900	680	**U**
127-18-4	Tetrachloroethene		1,900	5,700	1,900	750	**U**
100-41-4	Ethylbenzene	**47,000**		5,700	1,900	820	
179601-23-1	m,p-Xylenes	**89,000**		11,000	3,700	1,500	
75-25-2	Bromoform		3,500	5,800	3,500	1,200	**U**
100-42-5	Styrene		3,500	5,700	3,500	940	**U**
95-47-6	o-Xylene	**28,000**		5,800	1,900	840	
108-67-8	1,3,5-Trimethylbenzene	**3,800**		5,800	1,900	840	**J**
95-63-6	1,2,4-Trimethylbenzene	**8,700**		5,700	1,900	810	
120-82-1	1,2,4-Trichlorobenzene		3,500	11,000	3,500	1,400	**U**
91-20-3	Naphthalene		3,400	5,700	3,400	1,400	**U**
1330-20-7	Xylenes, Total	**120,000**		11,000	3,700	1,500	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE08-260-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0025 Liter(s)
Test Notes:
Container ID: 1SS00056

Initial Pressure (psig): -3.69 Final Pressure (psig): 8.17

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	270	430	270	110	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	270	430	270	72	**U**
74-87-3	Chloromethane	270	430	270	72	**U**
75-01-4	Vinyl Chloride	140	440	140	47	**U**
106-99-0	1,3-Butadiene	270	430	270	73	**U**
75-00-3	Chloroethane	270	430	270	55	**U**
64-17-5	Ethanol	**1,000**	4,400	690	310	**J**
67-64-1	Acetone	2,200	4,300	2,200	1,000	**U**
75-69-4	Trichlorofluoromethane	270	420	270	67	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	520	830	520	180	**U**
75-09-2	Methylene Chloride	270	430	270	120	**U**
76-13-1	Trichlorotrifluoroethane	140	440	140	63	**U**
75-15-0	Carbon Disulfide	450	830	450	130	**U**
75-34-3	1,1-Dichloroethane	270	450	270	65	**U**
78-93-3	2-Butanone (MEK)	**220**	830	270	92	**J**
141-78-6	Ethyl Acetate	540	830	540	230	**U**
110-54-3	n-Hexane	**3,900**	430	270	92	
67-66-3	Chloroform	140	440	140	59	**U**
109-99-9	Tetrahydrofuran (THF)	140	830	140	56	**U**
107-06-2	1,2-Dichloroethane	140	430	140	49	**U**
71-43-2	Benzene	**13,000**	430	140	64	
56-23-5	Carbon Tetrachloride	140	420	140	62	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE08-260-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-022

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0025 Liter(s)
Test Notes:
Container ID: 1SS00056

Initial Pressure (psig): -3.69 Final Pressure (psig): 8.17

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**6,100**	830	280	120	
75-27-4	Bromodichloromethane	140	430	140	64	**U**
79-01-6	Trichloroethene	140	420	140	60	**U**
123-91-1	1,4-Dioxane	140	430	140	52	**U**
142-82-5	n-Heptane	**1,700**	430	270	71	
108-10-1	4-Methyl-2-pentanone	140	830	140	61	**U**
108-88-3	Toluene	140	430	140	54	**U**
591-78-6	2-Hexanone	140	830	140	55	**U**
124-48-1	Dibromochloromethane	140	430	140	58	**U**
106-93-4	1,2-Dibromoethane	140	430	140	52	**U**
127-18-4	Tetrachloroethene	140	430	140	57	**U**
100-41-4	Ethylbenzene	**74**	430	140	62	**J**
179601-23-1	m,p-Xylenes	280	830	280	120	**U**
75-25-2	Bromoform	270	440	270	92	**U**
100-42-5	Styrene	270	430	270	72	**U**
95-47-6	o-Xylene	140	440	140	64	**U**
108-67-8	1,3,5-Trimethylbenzene	140	440	140	64	**U**
95-63-6	1,2,4-Trimethylbenzene	140	430	140	62	**U**
120-82-1	1,2,4-Trichlorobenzene	270	830	270	110	**U**
91-20-3	Naphthalene	260	430	260	110	**U**
1330-20-7	Xylenes, Total	280	830	280	120	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE09-460-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00364

Initial Pressure (psig): -2.41 Final Pressure (psig): 9.66

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	63	100	63	26	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	63	100	63	17	**U**
74-87-3	Chloromethane	63	100	63	17	**U**
75-01-4	Vinyl Chloride	34	100	34	11	**U**
106-99-0	1,3-Butadiene	63	100	63	17	**U**
75-00-3	Chloroethane	63	100	63	13	**U**
64-17-5	Ethanol	**210**	1,000	160	73	**J**
67-64-1	Acetone	530	1,000	530	240	**U**
75-69-4	Trichlorofluoromethane	63	100	63	16	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	120	200	120	44	**U**
75-09-2	Methylene Chloride	63	100	63	30	**U**
76-13-1	Trichlorotrifluoroethane	**70**	100	34	15	**J**
75-15-0	Carbon Disulfide	110	200	110	32	**U**
75-34-3	1,1-Dichloroethane	65	110	65	15	**U**
78-93-3	2-Butanone (MEK)	**32**	200	63	22	**J**
141-78-6	Ethyl Acetate	130	200	130	55	**U**
110-54-3	n-Hexane	**530**	100	63	22	
67-66-3	Chloroform	34	100	34	14	**U**
109-99-9	Tetrahydrofuran (THF)	34	200	34	13	**U**
107-06-2	1,2-Dichloroethane	34	100	34	12	**U**
71-43-2	Benzene	**2,000**	100	34	15	
56-23-5	Carbon Tetrachloride	34	100	34	15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE09-460-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-023

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00364

Initial Pressure (psig): -2.41 Final Pressure (psig): 9.66

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,100**	200	67	30	
75-27-4	Bromodichloromethane	34	100	34	15	**U**
79-01-6	Trichloroethene	34	100	34	14	**U**
123-91-1	1,4-Dioxane	34	100	34	12	**U**
142-82-5	n-Heptane	**310**	100	63	17	
108-10-1	4-Methyl-2-pentanone	34	200	34	14	**U**
108-88-3	Toluene	34	100	34	13	**U**
591-78-6	2-Hexanone	34	200	34	13	**U**
124-48-1	Dibromochloromethane	34	100	34	14	**U**
106-93-4	1,2-Dibromoethane	34	100	34	12	**U**
127-18-4	Tetrachloroethene	34	100	34	14	**U**
100-41-4	Ethylbenzene	**22**	100	34	15	**J**
179601-23-1	m,p-Xylenes	**44**	200	67	28	**J**
75-25-2	Bromoform	63	100	63	22	**U**
100-42-5	Styrene	63	100	63	17	**U**
95-47-6	o-Xylene	**17**	100	34	15	**J**
108-67-8	1,3,5-Trimethylbenzene	34	100	34	15	**U**
95-63-6	1,2,4-Trimethylbenzene	**31**	100	34	15	**J**
120-82-1	1,2,4-Trichlorobenzene	63	200	63	26	**U**
91-20-3	Naphthalene	61	100	61	26	**U**
1330-20-7	Xylenes, Total	**61**	200	67	28	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00130

Initial Pressure (psig): -4.53 Final Pressure (psig): 8.11

Container Dilution Factor: 2.24

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**590**		1,900	1,200	490	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		1,200	1,900	1,200	320	**U**
74-87-3	Chloromethane		1,200	1,900	1,200	320	**U**
75-01-4	Vinyl Chloride		630	2,000	630	210	**U**
106-99-0	1,3-Butadiene		1,200	1,900	1,200	330	**U**
75-00-3	Chloroethane		1,200	1,900	1,200	250	**U**
64-17-5	Ethanol	**6,600**		20,000	3,100	1,400	**J**
67-64-1	Acetone		10,000	19,000	10,000	4,500	**U**
75-69-4	Trichlorofluoromethane		1,200	1,900	1,200	300	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**880**		3,700	2,400	820	**J**
75-09-2	Methylene Chloride		1,200	1,900	1,200	560	**U**
76-13-1	Trichlorotrifluoroethane		630	2,000	630	280	**U**
75-15-0	Carbon Disulfide		2,000	3,700	2,000	600	**U**
75-34-3	1,1-Dichloroethane		1,200	2,000	1,200	290	**U**
78-93-3	2-Butanone (MEK)	**570**		3,700	1,200	410	**J**
141-78-6	Ethyl Acetate		2,400	3,700	2,400	1,000	**U**
110-54-3	n-Hexane	**51,000**		1,900	1,200	410	
67-66-3	Chloroform		630	2,000	630	270	**U**
109-99-9	Tetrahydrofuran (THF)		630	3,700	630	250	**U**
107-06-2	1,2-Dichloroethane		630	1,900	630	220	**U**
71-43-2	Benzene	**6,900**		1,900	630	290	
56-23-5	Carbon Tetrachloride		630	1,900	630	280	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV03-050-212** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2101902-024

Test Code: EPA TO-15 Date Collected: 4/5/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/9/21
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS00130

Initial Pressure (psig): -4.53 Final Pressure (psig): 8.11

Container Dilution Factor: 2.24

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**220,000**		3,700	1,300	560	
75-27-4	Bromodichloromethane		630	1,900	630	290	**U**
79-01-6	Trichloroethene		630	1,900	630	270	**U**
123-91-1	1,4-Dioxane		630	1,900	630	240	**U**
142-82-5	n-Heptane	**38,000**		1,900	1,200	320	
108-10-1	4-Methyl-2-pentanone		630	3,700	630	270	**U**
108-88-3	Toluene		630	1,900	630	240	**U**
591-78-6	2-Hexanone		630	3,700	630	250	**U**
124-48-1	Dibromochloromethane		630	1,900	630	260	**U**
106-93-4	1,2-Dibromoethane		630	1,900	630	230	**U**
127-18-4	Tetrachloroethene		630	1,900	630	260	**U**
100-41-4	Ethylbenzene	**490**		1,900	630	280	**J**
179601-23-1	m,p-Xylenes	**1,700**		3,700	1,300	520	**J**
75-25-2	Bromoform		1,200	2,000	1,200	410	**U**
100-42-5	Styrene		1,200	1,900	1,200	320	**U**
95-47-6	o-Xylene	**570**		2,000	630	290	**J**
108-67-8	1,3,5-Trimethylbenzene		630	2,000	630	290	**U**
95-63-6	1,2,4-Trimethylbenzene	**440**		1,900	630	280	**J**
120-82-1	1,2,4-Trichlorobenzene		1,200	3,700	1,200	490	**U**
91-20-3	Naphthalene		1,200	1,900	1,200	490	**U**
1330-20-7	Xylenes, Total	**2,300**		3,700	1,300	520	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101902

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 4/26 - 4/28/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210426-MB	**105**	**103**	**94**	70-130	
Method Blank	P210427-MB	**108**	**102**	**90**	70-130	
Method Blank	P210427-MB	**107**	**101**	**95**	70-130	
Lab Control Sample	P210426-LCS	**104**	**98**	**94**	70-130	
Lab Control Sample	P210427-LCS	**104**	**98**	**90**	70-130	
Lab Control Sample	P210427-LCS	**103**	**96**	**95**	70-130	
Duplicate Lab Control Sample	P210426-DLCS	**103**	**98**	**94**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**104**	**98**	**90**	70-130	
Duplicate Lab Control Sample	P210427-DLCS	**103**	**97**	**93**	70-130	
SV138-150-212	P2101902-001	**107**	**101**	**97**	70-130	
SV138-150-612	P2101902-002	**106**	**102**	**97**	70-130	
SV138-250-212	P2101902-003	**106**	**101**	**94**	70-130	
SV138-350-212	P2101902-004	**107**	**101**	**93**	70-130	
SV138-450-212	P2101902-005	**107**	**102**	**93**	70-130	
SV141-025-212	P2101902-006	**106**	**101**	**93**	70-130	
SV141-050-212	P2101902-007	**108**	**101**	**92**	70-130	
SV141-170-212	P2101902-008	**108**	**101**	**92**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2101902

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/5 - 4/6/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/9/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 4/26 - 4/28/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV141-250-212	P2101902-009	**108**	**102**	**92**	70-130	
SV141-350-212	P2101902-010	**104**	**102**	**94**	70-130	
SV141-450-212	P2101902-011	**106**	**102**	**94**	70-130	
SV142-030-212	P2101902-012	**106**	**102**	**96**	70-130	
SV142-050-212	P2101902-013	**106**	**100**	**95**	70-130	
SV142-170-212	P2101902-014	**106**	**101**	**95**	70-130	
SV142-170-612	P2101902-015	**106**	**102**	**95**	70-130	
SV142-250-212	P2101902-016	**106**	**102**	**94**	70-130	
SV142-350-212	P2101902-017	**105**	**101**	**93**	70-130	
SV142-450-212	P2101902-018	**105**	**100**	**94**	70-130	
SVE06-060-212	P2101902-019	**105**	**100**	**94**	70-130	
SVE06-060-612	P2101902-020	**105**	**100**	**94**	70-130	
SVE07-160-212	P2101902-021	**105**	**100**	**94**	70-130	
SVE08-260-212	P2101902-022	**106**	**100**	**94**	70-130	
SVE09-460-212	P2101902-023	**105**	**100**	**94**	70-130	
SV03-050-212	P2101902-024	**105**	**99**	**93**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	204	199	**97**	**95**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	196	191	**93**	**91**	59-128	2	25	
74-87-3	Chloromethane	206	221	215	**107**	**104**	59-132	3	25	
75-01-4	Vinyl Chloride	208	211	210	**101**	**101**	64-127	0	25	
106-99-0	1,3-Butadiene	210	239	237	**114**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	204	208	210	**102**	**103**	63-127	1	25	
64-17-5	Ethanol	998	983	990	**98**	**99**	59-125	1	25	
67-64-1	Acetone	1,030	996	996	**97**	**97**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	188	186	**92**	**91**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	402	404	**99**	**99**	52-125	0	25	
75-09-2	Methylene Chloride	208	198	198	**95**	**95**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	191	190	**89**	**89**	66-126	0	25	
75-15-0	Carbon Disulfide	428	425	423	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	199	199	**94**	**94**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	414	415	**100**	**101**	67-130	1	25	
141-78-6	Ethyl Acetate	422	561	562	**133**	**133**	65-128	0	25	**L**
110-54-3	n-Hexane	212	201	201	**95**	**95**	63-120	0	25	
67-66-3	Chloroform	214	197	196	**92**	**92**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	375	375	**94**	**94**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	204	203	**98**	**98**	65-128	0	25	
71-43-2	Benzene	204	171	170	**84**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	194	191	**92**	**91**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210426-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio Zavala Date Analyzed: 4/26/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	393	394	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	210	201	199	**96**	**95**	72-128	1	25	
79-01-6	Trichloroethene	206	189	187	**92**	**91**	71-123	1	25	
123-91-1	1,4-Dioxane	208	181	181	**87**	**87**	71-122	0	25	
142-82-5	n-Heptane	210	200	199	**95**	**95**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	444	440	**107**	**106**	67-130	0.9	25	
108-88-3	Toluene	206	181	180	**88**	**87**	66-119	1	25	
591-78-6	2-Hexanone	404	424	423	**105**	**105**	62-128	0	25	
124-48-1	Dibromochloromethane	210	210	207	**100**	**99**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	202	202	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	206	180	178	**87**	**86**	66-124	1	25	
100-41-4	Ethylbenzene	206	191	190	**93**	**92**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	379	376	**92**	**91**	61-134	1	25	
75-25-2	Bromoform	208	212	210	**102**	**101**	66-139	1	25	
100-42-5	Styrene	206	186	184	**90**	**89**	73-127	1	25	
95-47-6	o-Xylene	206	193	191	**94**	**93**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	194	191	**94**	**93**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	200	198	**98**	**97**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	370	370	**95**	**95**	55-142	0	25	
91-20-3	Naphthalene	198	194	195	**98**	**98**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	206	200	**98**	**95**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	188	184	**90**	**88**	59-128	2	25	
74-87-3	Chloromethane	206	226	219	**110**	**106**	59-132	4	25	
75-01-4	Vinyl Chloride	208	217	212	**104**	**102**	64-127	2	25	
106-99-0	1,3-Butadiene	210	249	244	**119**	**116**	66-134	3	25	
75-00-3	Chloroethane	204	221	216	**108**	**106**	63-127	2	25	
64-17-5	Ethanol	998	1050	1030	**105**	**103**	59-125	2	25	
67-64-1	Acetone	1,030	1040	1020	**101**	**99**	58-128	2	25	
75-69-4	Trichlorofluoromethane	204	184	181	**90**	**89**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	424	420	**104**	**103**	52-125	1	25	
75-09-2	Methylene Chloride	208	203	198	**98**	**95**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	214	186	184	**87**	**86**	66-126	1	25	
75-15-0	Carbon Disulfide	428	430	422	**100**	**99**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	206	202	**97**	**95**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	425	419	**103**	**102**	67-130	1	25	
141-78-6	Ethyl Acetate	422	577	567	**137**	**134**	65-128	2	25	**L**
110-54-3	n-Hexane	212	205	202	**97**	**95**	63-120	2	25	
67-66-3	Chloroform	214	198	195	**93**	**91**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	400	384	383	**96**	**96**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	202	200	**97**	**96**	65-128	1	25	
71-43-2	Benzene	204	172	169	**84**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	185	184	**88**	**88**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	394	390	**95**	**94**	70-117	1	25	
75-27-4	Bromodichloromethane	210	198	196	**94**	**93**	72-128	1	25	
79-01-6	Trichloroethene	206	182	181	**88**	**88**	71-123	0	25	
123-91-1	1,4-Dioxane	208	180	179	**87**	**86**	71-122	1	25	
142-82-5	n-Heptane	210	203	200	**97**	**95**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	450	445	**108**	**107**	67-130	0.9	25	
108-88-3	Toluene	206	178	176	**86**	**85**	66-119	1	25	
591-78-6	2-Hexanone	404	427	425	**106**	**105**	62-128	0.9	25	
124-48-1	Dibromochloromethane	210	201	198	**96**	**94**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	197	195	**95**	**94**	74-122	1	25	
127-18-4	Tetrachloroethene	206	171	170	**83**	**83**	66-124	0	25	
100-41-4	Ethylbenzene	206	187	185	**91**	**90**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	368	371	**89**	**90**	61-134	1	25	
75-25-2	Bromoform	208	198	198	**95**	**95**	66-139	0	25	
100-42-5	Styrene	206	179	178	**87**	**86**	73-127	1	25	
95-47-6	o-Xylene	206	187	185	**91**	**90**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	184	183	**89**	**89**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	189	188	**93**	**92**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	331	335	**85**	**86**	55-142	1	25	
91-20-3	Naphthalene	198	176	178	**89**	**90**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	195	197	**93**	**94**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	183	184	**87**	**88**	59-128	1	25	
74-87-3	Chloromethane	206	216	212	**105**	**103**	59-132	2	25	
75-01-4	Vinyl Chloride	208	206	209	**99**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	210	235	236	**112**	**112**	66-134	0	25	
75-00-3	Chloroethane	204	207	210	**101**	**103**	63-127	2	25	
64-17-5	Ethanol	998	976	998	**98**	**100**	59-125	2	25	
67-64-1	Acetone	1,030	980	996	**95**	**97**	58-128	2	25	
75-69-4	Trichlorofluoromethane	204	178	181	**87**	**89**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	396	404	**97**	**99**	52-125	2	25	
75-09-2	Methylene Chloride	208	193	196	**93**	**94**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	181	186	**85**	**87**	66-126	2	25	
75-15-0	Carbon Disulfide	428	411	417	**96**	**97**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	194	199	**92**	**94**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	404	413	**98**	**100**	67-130	2	25	
141-78-6	Ethyl Acetate	422	546	558	**129**	**132**	65-128	2	25	**L**
110-54-3	n-Hexane	212	194	199	**92**	**94**	63-120	2	25	
67-66-3	Chloroform	214	189	193	**88**	**90**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	400	365	376	**91**	**94**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	194	198	**93**	**95**	65-128	2	25	
71-43-2	Benzene	204	166	169	**81**	**83**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	182	185	**87**	**88**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2101902
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210427-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 4/27/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	382	388	**92**	**93**	70-117	1	25	
75-27-4	Bromodichloromethane	210	192	195	**91**	**93**	72-128	2	25	
79-01-6	Trichloroethene	206	179	183	**87**	**89**	71-123	2	25	
123-91-1	1,4-Dioxane	208	174	177	**84**	**85**	71-122	1	25	
142-82-5	n-Heptane	210	195	199	**93**	**95**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	430	440	**103**	**106**	67-130	3	25	
108-88-3	Toluene	206	169	173	**82**	**84**	66-119	2	25	
591-78-6	2-Hexanone	404	400	410	**99**	**101**	62-128	2	25	
124-48-1	Dibromochloromethane	210	193	197	**92**	**94**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	189	193	**91**	**93**	74-122	2	25	
127-18-4	Tetrachloroethene	206	165	169	**80**	**82**	66-124	2	25	
100-41-4	Ethylbenzene	206	179	182	**87**	**88**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	359	359	**87**	**87**	61-134	0	25	
75-25-2	Bromoform	208	194	198	**93**	**95**	66-139	2	25	
100-42-5	Styrene	206	172	176	**83**	**85**	73-127	2	25	
95-47-6	o-Xylene	206	179	183	**87**	**89**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	178	182	**86**	**88**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	183	187	**90**	**92**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	338	344	**87**	**89**	55-142	2	25	
91-20-3	Naphthalene	198	179	183	**90**	**92**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

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LABORATORY REPORT

May 17, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 16, 2021. For your reference, these analyses have been assigned our service request number P2102025.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 6:33 pm, May 17, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102025
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 16, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recovery of ethyl acetate for the Laboratory Control Samples (LCS/LCSD) analyzed on May 5, 2021 were outside the DoD specified control criteria. The recovery error equates to a potential high bias. However, the spike recovery of the analyte in question was within Laboratory generated control criterion; therefore, no corrective action was taken.

Manual integrations were performed on the following samples and analytes. Refer to the raw data for additional information.

Sample Identifications	Analytes
P2102025-001,003,006,008,016,017,018,021,022	Acetone
P2102025-004,007,018,	Propene

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Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102025
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102025
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/16/2021
Time Received: 10:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV109-025-212	P2102025-001	Air	4/13/2021	08:19	1SC00980	-3.52	5.57	X
SV109-050-212	P2102025-002	Air	4/13/2021	08:23	1SS00882	-3.30	6.06	X
SV109-150-212	P2102025-003	Air	4/13/2021	08:28	1SC00529	-2.96	11.48	X
SV109-250-212	P2102025-004	Air	4/13/2021	08:33	1SS01289	-2.04	6.19	X
SV109-350-212	P2102025-005	Air	4/13/2021	08:45	1SS01199	-4.81	6.82	X
SV109-450-612	P2102025-006	Air	4/13/2021	08:54	1SC00723	-2.07	7.18	X
SV109-450-212	P2102025-007	Air	4/13/2021	08:54	1SC00653	-4.31	5.66	X
SV110-025-212	P2102025-008	Air	4/13/2021	09:56	1SC00406	-4.57	5.99	X
SV110-050-212	P2102025-009	Air	4/13/2021	10:00	1SC00586	-1.94	7.17	X
SV110-150-212	P2102025-010	Air	4/13/2021	10:04	1SC00618	-2.51	5.88	X
SV110-250-212	P2102025-011	Air	4/13/2021	10:08	1SS01298	0.05	5.38	X
SV110-250-612	P2102025-012	Air	4/13/2021	10:08	1SS01277	-2.67	6.37	X
SV110-350-212	P2102025-013	Air	4/13/2021	10:16	1SS01294	-4.17	7.55	X
SV110-450-212	P2102025-014	Air	4/13/2021	10:25	1SS01309	-4.06	5.18	X
SV113-020-212	P2102025-015	Air	4/13/2021	08:50	1SS01215	-3.33	5.66	X
SV113-050-212	P2102025-016	Air	4/13/2021	09:01	1SS01308	-3.52	6.07	X
SV113-150-212	P2102025-017	Air	4/13/2021	09:08	1SS01306	-2.97	6.54	X
SV113-250-212	P2102025-018	Air	4/13/2021	09:14	1SS01276	-2.95	5.88	X
SV113-350-212	P2102025-019	Air	4/13/2021	09:22	1SS00096	-2.37	6.27	X
SV113-450-212	P2102025-020	Air	4/13/2021	09:39	1SS01047	-3.74	5.49	X
SV115-025-212	P2102025-021	Air	4/13/2021	10:26	1SS01263	-3.26	5.46	X
SV115-025-612	P2102025-022	Air	4/13/2021	10:26	1SS01290	-2.25	8.67	X
SV115-050-212	P2102025-023	Air	4/13/2021	10:35	1SS00834	-4.98	6.07	X
SV115-150-212	P2102025-024	Air	4/13/2021	10:46	1SS00807	-4.62	5.56	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 9

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
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COC #: **COC-SV212-02**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2102025

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facilty
Project Number: 62735DM02
P.O. # / Billing Information: 17682

ALS Contact: Hayden Akers
1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting:
Tara Lamond:
Amanda Smith:
Pam Moss:

Sampler (Print & Sign): Tyler Curley

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV109-025-212	1	4/13/2021	08:19	1SC00980	NA	-24.5	-5.0	1L	X	None
SV109-050-212	2	4/13/2021	08:23	1SS00882	NA	-27.5	-5.0	1L	X	None
SV109-150-212	3	4/13/2021	08:28	1SC00529	NA	-25.0	-4.0	1L	X	None
SV109-250-212	4	4/13/2021	08:33	1SS01289	NA	-24.0	0.0	1L	X	None
SV109-350-212	5	4/13/2021	08:45	1SS01199	NA	-24.5	-5.0	1L	X	None
SV109-450-612	6	4/13/2021	08:54	1SC00723	NA	-25.0	0.0	1L	X	None
SV109-450-212	7	4/13/2021	08:54	1SC00653	NA	-24.0	-5.0	1L	X	None
SV110-025-212	8	4/13/2021	09:56	1SC00406	NA	-23.0	-5.0	1L	X	None
SV110-050-212	9	4/13/2021	10:00	1SC00586	NA	-23.0	0.0	1L	X	None
SV110-150-212	10	4/13/2021	10:04	1SC00618	NA	-26.0	-2.5	1L	X	None
SV110-250-212	11	4/13/2021	10:08	1SS01298	NA	-25.0	-1.0	1L	X	None
SV110-250-612	12	4/13/2021	10:08	1SS01277	NA	-23.5	-4.5	1L	X	None

FedEx Tracking Number: 9719 9695 2283

Associated with Trip blank: ~~SVTB212-~~ TC

Shipping information: Box number 1 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-14-21	11:00		4-14-21	1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-02**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2102025

Company Name & Address (Reporting Information)	Project Name	ALS Contact:
EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000	Kirtland AFB Bulk Fuels Facilty	Hayden Akers 1 (805) 577-2088
	Project Number: 62735DM02	**Analysis Method**
Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143	P.O. # / Billing Information: 17682	TO-15 Project Specific List
Email Address for Result Reporting Tara Lamond: Amanda Smith: Pam Moss:	Sampler (Print & Sign): Tyler Curley	**Comments** e.g. Actual Preservative or specific instructions

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO-15 Project Specific List	Comments
SV110-350-212	13	4/13/2021	10:16	1SS01294	NA	-26.0	-5.0	1L	X	None
SV110-450-212	14	4/13/2021	10:25	1SS01309	NA	-25.0	-4.0	1L	X	None
SV113-020-212	15	4/13/2021	08:50	1SS01215	NA	-25.0	-3.0	1L	X	None
SV113-050-212	16	4/13/2021	09:01	1SS01308	NA	-24.5	-4.5	1L	X	None
SV113-150-212	17	4/13/2021	09:08	1SS01306	NA	-26.5	-3.9	1L	X	None
SV113-250-212	18	4/13/2021	09:14	1SS01276	NA	-26.0	-3.0	1L	X	None
SV113-350-212	19	4/13/2021	09:22	1SS00096	NA	-24.0	-2.5	1L	X	None
SV113-450-212	20	4/13/2021	09:39	1SS01047	NA	-25.0	-4.0	1L	X	None
SV115-025-212	21	4/13/2021	10:26	1SS01263	NA	-27.0	-5.0	1L	X	None
SV115-025-612	22	4/13/2021	10:26	1SS01290	NA	-24.5	0.0	1L	X	None
SV115-050-212	23	4/13/2021	10:35	1SS00834	NA	-24.0	-6.0	1L	X	None
SV115-150-212	24	4/13/2021	10:46	1SS00807	NA	-24.0	-4.0	1L	X	None

FedEX Tracking Number: 9719 9695 2783

Shipping information: Box number 1 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-14-21	11:00		4-16-21	1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102025

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/2021 Date opened: 4/16/2021 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102025-001.01	1.0 L Source Can					
P2102025-002.01	1.0 L Source Silonite Canister					
P2102025-003.01	1.0 L Source Can					
P2102025-004.01	1.0 L Source Silonite Canister					
P2102025-005.01	1.0 L Source Silonite Canister					
P2102025-006.01	1.0 L Source Can					
P2102025-007.01	1.0 L Source Can					
P2102025-008.01	1.0 L Source Can					
P2102025-009.01	1.0 L Source Can					
P2102025-010.01	1.0 L Source Can					
P2102025-011.01	1.0 L Source Silonite Canister					
P2102025-012.01	1.0 L Source Silonite Canister					
P2102025-013.01	1.0 L Source Silonite Canister					
P2102025-014.01	1.0 L Source Silonite Canister					
P2102025-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102025

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/2021 Date opened: 4/16/2021 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102025-016.01	1.0 L Source Silonite Canister					
P2102025-017.01	1.0 L Source Silonite Canister					
P2102025-018.01	1.0 L Source Silonite Canister					
P2102025-019.01	1.0 L Source Silonite Canister					
P2102025-020.01	1.0 L Source Silonite Canister					
P2102025-021.01	1.0 L Source Silonite Canister					
P2102025-022.01	1.0 L Source Silonite Canister					
P2102025-023.01	1.0 L Source Silonite Canister					
P2102025-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00980

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.57

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.48**	1.4	0.84	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.47**	0.48	0.29	0.080	**J**
74-87-3	Chloromethane	0.70	1.1	0.70	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.94	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.55	0.89	0.55	0.11	**U**
64-17-5	Ethanol	**7.6**	13	2.0	0.89	**J, B**
67-64-1	Acetone	**6.0**	9.9	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.21**	0.41	0.26	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.8	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.42	0.68	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.82**	0.31	0.10	0.045	
75-15-0	Carbon Disulfide	0.78	1.5	0.78	0.23	**U**
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.087	**U**
78-93-3	2-Butanone (MEK)	**1.1**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	**1.1**	1.3	0.82	0.35	**J**
110-54-3	n-Hexane	0.41	0.67	0.41	0.14	**U**
67-66-3	Chloroform	0.16	0.49	0.16	0.066	**U**
109-99-9	Tetrahydrofuran (THF)	0.26	1.5	0.26	0.10	**U**
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.12**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	0.12	0.37	0.12	0.053	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00980

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.57

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.052	**U**
79-01-6	Trichloroethene	**0.063**	0.43	0.14	0.061	**J**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.079	**U**
142-82-5	n-Heptane	0.35	0.57	0.35	0.094	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.081	**U**
108-88-3	Toluene	**0.27**	0.62	0.20	0.078	**J**
591-78-6	2-Hexanone	**0.12**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.090	0.28	0.090	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.10**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.078	**U**
179601-23-1	m,p-Xylenes	**0.15**	1.0	0.35	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.091	**U**
95-47-6	o-Xylene	0.18	0.55	0.18	0.080	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.071	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.068	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.61	0.20	0.079	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**0.15**	1.0	0.35	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00882

Initial Pressure (psig): -3.30 Final Pressure (psig): 6.06

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.41**	1.4	0.85	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.66**	0.48	0.29	0.080	
74-87-3	Chloromethane	0.71	1.1	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.94	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.55	0.90	0.55	0.11	**U**
64-17-5	Ethanol	**2.0**	13	2.0	0.89	**J, B**
67-64-1	Acetone	5.2	10	5.2	2.3	**U**
75-69-4	Trichlorofluoromethane	**0.34**	0.41	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.42	0.68	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**3.0**	0.31	0.10	0.045	
75-15-0	Carbon Disulfide	**0.31**	1.5	0.79	0.23	**J**
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	0.49	1.5	0.49	0.17	**U**
141-78-6	Ethyl Acetate	**1.0**	1.3	0.82	0.35	**J**
110-54-3	n-Hexane	0.41	0.67	0.41	0.14	**U**
67-66-3	Chloroform	0.16	0.49	0.16	0.066	**U**
109-99-9	Tetrahydrofuran (THF)	0.26	1.5	0.26	0.10	**U**
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.14**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.15**	0.37	0.12	0.054	**J**

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00882

Initial Pressure (psig): -3.30 Final Pressure (psig): 6.06

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.35	0.12	0.052	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.21	0.66	0.21	0.080	**U**
142-82-5	n-Heptane	0.36	0.58	0.36	0.094	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.081	**U**
108-88-3	Toluene	**0.28**	0.63	0.21	0.079	**J**
591-78-6	2-Hexanone	0.19	1.1	0.19	0.073	**U**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.056**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.079	**U**
179601-23-1	m,p-Xylenes	**0.19**	1.0	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	0.18	0.56	0.18	0.081	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.071	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.077**	0.48	0.16	0.069	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.61	0.20	0.080	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**0.19**	1.0	0.36	0.15	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00529

Initial Pressure (psig): -2.96 Final Pressure (psig): 11.48

Container Dilution Factor: 2.23

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.6**	1.7	1.0	0.42	
75-71-8	Dichlorodifluoromethane (CFC 12)	**9.8**	0.59	0.36	0.098	
74-87-3	Chloromethane	0.86	1.4	0.86	0.23	**U**
75-01-4	Vinyl Chloride	0.37	1.2	0.37	0.12	**U**
106-99-0	1,3-Butadiene	0.81	1.3	0.81	0.22	**U**
75-00-3	Chloroethane	0.68	1.1	0.68	0.14	**U**
64-17-5	Ethanol	**18**	16	2.5	1.1	**B**
67-64-1	Acetone	**3.6**	12	6.3	2.8	**J**
75-69-4	Trichlorofluoromethane	**0.75**	0.51	0.32	0.080	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	2.3	1.4	0.50	**J**
75-09-2	Methylene Chloride	0.51	0.83	0.51	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**18**	0.39	0.12	0.055	
75-15-0	Carbon Disulfide	**1.2**	1.8	0.97	0.29	**J**
75-34-3	1,1-Dichloroethane	0.45	0.74	0.45	0.11	**U**
78-93-3	2-Butanone (MEK)	**0.57**	1.9	0.61	0.21	**J**
141-78-6	Ethyl Acetate	**40**	1.5	1.0	0.43	
110-54-3	n-Hexane	0.51	0.82	0.51	0.17	**U**
67-66-3	Chloroform	**0.17**	0.61	0.19	0.081	**J**
109-99-9	Tetrahydrofuran (THF)	**0.48**	1.9	0.32	0.13	**J**
107-06-2	1,2-Dichloroethane	0.23	0.72	0.23	0.081	**U**
71-43-2	Benzene	**0.60**	0.91	0.30	0.13	**J**
56-23-5	Carbon Tetrachloride	**3.6**	0.45	0.15	0.066	

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00529

Initial Pressure (psig): -2.96 Final Pressure (psig): 11.48

Container Dilution Factor: 2.23

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.55	1.6	0.55	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.43	0.14	0.064	**U**
79-01-6	Trichloroethene	**34**	0.53	0.18	0.075	
123-91-1	1,4-Dioxane	0.26	0.80	0.26	0.098	**U**
142-82-5	n-Heptane	0.44	0.71	0.44	0.12	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.4	0.23	0.099	**U**
108-88-3	Toluene	**0.89**	0.77	0.25	0.096	
591-78-6	2-Hexanone	0.23	1.4	0.23	0.090	**U**
124-48-1	Dibromochloromethane	0.11	0.34	0.11	0.046	**U**
106-93-4	1,2-Dibromoethane	0.12	0.38	0.12	0.045	**U**
127-18-4	Tetrachloroethene	**2.2**	0.43	0.14	0.057	
100-41-4	Ethylbenzene	0.22	0.67	0.22	0.096	**U**
179601-23-1	m,p-Xylenes	0.44	1.3	0.44	0.18	**U**
75-25-2	Bromoform	0.17	0.29	0.17	0.059	**U**
100-42-5	Styrene	0.42	0.68	0.42	0.11	**U**
95-47-6	o-Xylene	0.22	0.68	0.22	0.099	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.60	0.19	0.087	**U**
95-63-6	1,2,4-Trimethylbenzene	0.19	0.59	0.19	0.084	**U**
120-82-1	1,2,4-Trichlorobenzene	0.24	0.75	0.24	0.098	**U**
91-20-3	Naphthalene	0.33	0.55	0.33	0.14	**U**
1330-20-7	Xylenes, Total	0.44	1.3	0.44	0.18	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-004

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01289

Initial Pressure (psig): -2.04 Final Pressure (psig): 6.19

Container Dilution Factor: 1.65

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.3**	1.2	0.77	0.31	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.3**	0.43	0.27	0.073	
74-87-3	Chloromethane	0.64	1.0	0.64	0.17	**U**
75-01-4	Vinyl Chloride	0.27	0.86	0.27	0.092	**U**
106-99-0	1,3-Butadiene	0.60	0.97	0.60	0.16	**U**
75-00-3	Chloroethane	0.50	0.81	0.50	0.10	**U**
64-17-5	Ethanol	**13**	12	1.8	0.81	**B**
67-64-1	Acetone	4.7	9.0	4.7	2.1	**U**
75-69-4	Trichlorofluoromethane	**0.58**	0.37	0.23	0.059	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.96**	1.7	1.1	0.37	**J**
75-09-2	Methylene Chloride	0.38	0.62	0.38	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**33**	0.29	0.092	0.041	
75-15-0	Carbon Disulfide	**0.76**	1.3	0.72	0.21	**J**
75-34-3	1,1-Dichloroethane	0.34	0.55	0.34	0.080	**U**
78-93-3	2-Butanone (MEK)	**3.0**	1.4	0.45	0.15	
141-78-6	Ethyl Acetate	0.74	1.1	0.74	0.32	**U**
110-54-3	n-Hexane	0.37	0.61	0.37	0.13	**U**
67-66-3	Chloroform	**0.53**	0.45	0.14	0.060	
109-99-9	Tetrahydrofuran (THF)	**0.77**	1.4	0.24	0.094	**J**
107-06-2	1,2-Dichloroethane	0.17	0.53	0.17	0.060	**U**
71-43-2	Benzene	**0.76**	0.67	0.22	0.099	
56-23-5	Carbon Tetrachloride	**4.6**	0.33	0.11	0.049	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-004

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01289

Initial Pressure (psig): -2.04 Final Pressure (psig): 6.19

Container Dilution Factor: 1.65

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.40**	1.2	0.41	0.18	**J**
75-27-4	Bromodichloromethane	0.10	0.32	0.10	0.047	**U**
79-01-6	Trichloroethene	**20**	0.39	0.13	0.055	
123-91-1	1,4-Dioxane	0.19	0.60	0.19	0.072	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.086	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.074	**U**
108-88-3	Toluene	**0.33**	0.57	0.19	0.071	**J**
591-78-6	2-Hexanone	**0.21**	1.0	0.17	0.066	**J**
124-48-1	Dibromochloromethane	0.082	0.25	0.082	0.034	**U**
106-93-4	1,2-Dibromoethane	0.091	0.28	0.091	0.033	**U**
127-18-4	Tetrachloroethene	**1.9**	0.32	0.10	0.042	
100-41-4	Ethylbenzene	0.16	0.49	0.16	0.071	**U**
179601-23-1	m,p-Xylenes	**0.20**	0.95	0.32	0.13	**J**
75-25-2	Bromoform	0.13	0.21	0.13	0.044	**U**
100-42-5	Styrene	0.31	0.50	0.31	0.083	**U**
95-47-6	o-Xylene	**0.077**	0.50	0.16	0.073	**J**
108-67-8	1,3,5-Trimethylbenzene	0.14	0.44	0.14	0.065	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.11**	0.44	0.14	0.062	**J**
120-82-1	1,2,4-Trichlorobenzene	0.18	0.56	0.18	0.072	**U**
91-20-3	Naphthalene	**0.15**	0.41	0.24	0.10	**J**
1330-20-7	Xylenes, Total	**0.28**	0.95	0.32	0.13	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-005

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01199

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.82

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.7**		1.6	1.0	0.41	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.1**		0.57	0.35	0.096	
74-87-3	Chloromethane		0.84	1.4	0.84	0.23	**U**
75-01-4	Vinyl Chloride		0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene		0.79	1.3	0.79	0.22	**U**
75-00-3	Chloroethane		0.66	1.1	0.66	0.14	**U**
64-17-5	Ethanol	**11**		15	2.4	1.1	**J, B**
67-64-1	Acetone		6.2	12	6.2	2.8	**U**
75-69-4	Trichlorofluoromethane	**0.31**		0.49	0.31	0.079	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.0**		2.2	1.4	0.49	
75-09-2	Methylene Chloride		0.50	0.82	0.50	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**32**		0.38	0.12	0.054	
75-15-0	Carbon Disulfide	**3.0**		1.8	0.95	0.28	
75-34-3	1,1-Dichloroethane		0.44	0.73	0.44	0.11	**U**
78-93-3	2-Butanone (MEK)	**2.7**		1.8	0.59	0.20	
141-78-6	Ethyl Acetate		0.98	1.5	0.98	0.42	**U**
110-54-3	n-Hexane	**0.19**		0.80	0.49	0.17	**J**
67-66-3	Chloroform	**0.42**		0.59	0.19	0.079	**J**
109-99-9	Tetrahydrofuran (THF)	**3.0**		1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane		0.23	0.70	0.23	0.079	**U**
71-43-2	Benzene	**3.0**		0.89	0.29	0.13	
56-23-5	Carbon Tetrachloride	**2.0**		0.44	0.15	0.064	

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-005

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01199

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.82

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.8**	1.6	0.54	0.24	
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.063	**U**
79-01-6	Trichloroethene	**23**	0.52	0.17	0.073	
123-91-1	1,4-Dioxane	0.26	0.79	0.26	0.095	**U**
142-82-5	n-Heptane	0.43	0.69	0.43	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.3	0.23	0.097	**U**
108-88-3	Toluene	**0.38**	0.75	0.25	0.094	**J**
591-78-6	2-Hexanone	**0.18**	1.3	0.23	0.088	**J**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.045	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.044	**U**
127-18-4	Tetrachloroethene	**0.74**	0.42	0.14	0.055	
100-41-4	Ethylbenzene	0.21	0.65	0.21	0.094	**U**
179601-23-1	m,p-Xylenes	0.43	1.3	0.43	0.18	**U**
75-25-2	Bromoform	0.17	0.28	0.17	0.058	**U**
100-42-5	Styrene	0.41	0.67	0.41	0.11	**U**
95-47-6	o-Xylene	0.21	0.67	0.21	0.097	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.59	0.19	0.085	**U**
95-63-6	1,2,4-Trimethylbenzene	0.19	0.58	0.19	0.082	**U**
120-82-1	1,2,4-Trichlorobenzene	**0.11**	0.73	0.24	0.095	**J**
91-20-3	Naphthalene	0.32	0.54	0.32	0.14	**U**
1330-20-7	Xylenes, Total	0.43	1.3	0.43	0.18	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00723

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.18

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.7**	1.3	0.80	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.45**	0.46	0.28	0.076	**J**
74-87-3	Chloromethane	**8.9**	1.1	0.67	0.18	
75-01-4	Vinyl Chloride	**3.3**	0.90	0.29	0.096	
106-99-0	1,3-Butadiene	**0.20**	1.0	0.63	0.17	**J**
75-00-3	Chloroethane	**2.5**	0.85	0.52	0.11	
64-17-5	Ethanol	**3.2**	12	1.9	0.85	**J, B**
67-64-1	Acetone	**8.3**	9.5	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.068**	0.39	0.25	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.39	**U**
75-09-2	Methylene Chloride	0.40	0.65	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**3.0**	0.30	0.096	0.043	
75-15-0	Carbon Disulfide	**31**	1.4	0.75	0.22	
75-34-3	1,1-Dichloroethane	**1.2**	0.58	0.35	0.083	
78-93-3	2-Butanone (MEK)	**2.0**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	**16**	1.2	0.78	0.34	
110-54-3	n-Hexane	**0.34**	0.64	0.39	0.14	**J**
67-66-3	Chloroform	**0.090**	0.47	0.15	0.063	**J**
109-99-9	Tetrahydrofuran (THF)	**16**	1.5	0.25	0.098	
107-06-2	1,2-Dichloroethane	**0.69**	0.56	0.18	0.063	
71-43-2	Benzene	**2.0**	0.70	0.23	0.10	
56-23-5	Carbon Tetrachloride	**0.29**	0.35	0.12	0.051	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00723

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.18

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.23**	1.3	0.43	0.19	**J**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	**3.1**	0.41	0.14	0.058	
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.076	**U**
142-82-5	n-Heptane	**0.18**	0.55	0.34	0.090	**J**
108-10-1	4-Methyl-2-pentanone	**0.16**	1.1	0.18	0.077	**J**
108-88-3	Toluene	**3.9**	0.60	0.20	0.075	
591-78-6	2-Hexanone	**0.16**	1.1	0.18	0.070	**J**
124-48-1	Dibromochloromethane	0.086	0.26	0.086	0.036	**U**
106-93-4	1,2-Dibromoethane	0.096	0.29	0.096	0.035	**U**
127-18-4	Tetrachloroethene	**0.14**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**0.10**	0.52	0.17	0.075	**J**
179601-23-1	m,p-Xylenes	**0.37**	1.0	0.34	0.14	**J**
75-25-2	Bromoform	0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.087	**U**
95-47-6	o-Xylene	**0.11**	0.53	0.17	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	0.15	0.47	0.15	0.068	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.080**	0.46	0.15	0.065	**J**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.58	0.19	0.076	**U**
91-20-3	Naphthalene	0.26	0.43	0.26	0.11	**U**
1330-20-7	Xylenes, Total	**0.49**	1.0	0.34	0.14	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00653

Initial Pressure (psig): -4.31 Final Pressure (psig): 5.66

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**	1.5	0.91	0.37	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.57**	0.52	0.32	0.086	
74-87-3	Chloromethane	**6.8**	1.2	0.76	0.20	
75-01-4	Vinyl Chloride	**3.1**	1.0	0.33	0.11	
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.19	**U**
75-00-3	Chloroethane	**2.3**	0.97	0.59	0.12	
64-17-5	Ethanol	**24**	14	2.2	0.96	**B**
67-64-1	Acetone	**13**	11	5.6	2.5	
75-69-4	Trichlorofluoromethane	**0.13**	0.44	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.44	**U**
75-09-2	Methylene Chloride	**0.47**	0.73	0.45	0.21	**J**
76-13-1	Trichlorotrifluoroethane	**2.8**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**29**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	**1.1**	0.65	0.40	0.094	
78-93-3	2-Butanone (MEK)	**1.2**	1.7	0.53	0.18	**J**
141-78-6	Ethyl Acetate	0.88	1.4	0.88	0.38	**U**
110-54-3	n-Hexane	**0.40**	0.72	0.45	0.15	**J**
67-66-3	Chloroform	**0.096**	0.53	0.17	0.071	**J**
109-99-9	Tetrahydrofuran (THF)	**10**	1.7	0.28	0.11	
107-06-2	1,2-Dichloroethane	**0.63**	0.63	0.21	0.071	
71-43-2	Benzene	**1.9**	0.80	0.26	0.12	
56-23-5	Carbon Tetrachloride	**0.20**	0.40	0.13	0.058	**J**

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B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00653

Initial Pressure (psig): -4.31 Final Pressure (psig): 5.66

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.38	0.12	0.056	**U**
79-01-6	Trichloroethene	**2.3**	0.47	0.16	0.066	
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.086	**U**
142-82-5	n-Heptane	**0.21**	0.62	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	**0.14**	1.2	0.20	0.087	**J**
108-88-3	Toluene	**3.7**	0.68	0.22	0.085	
591-78-6	2-Hexanone	**0.14**	1.2	0.20	0.079	**J**
124-48-1	Dibromochloromethane	0.098	0.30	0.098	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.14**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	**0.14**	0.59	0.19	0.085	**J**
179601-23-1	m,p-Xylenes	**0.53**	1.1	0.38	0.16	**J**
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.099	**U**
95-47-6	o-Xylene	**0.18**	0.60	0.19	0.087	**J**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.11**	0.52	0.17	0.074	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**0.71**	1.1	0.38	0.16	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00406

Initial Pressure (psig): -4.57 Final Pressure (psig): 5.99

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.5	0.95	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	0.54	0.33	0.090	
74-87-3	Chloromethane	0.79	1.3	0.79	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.74	1.2	0.74	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**8.5**	14	2.2	1.0	**J, B**
67-64-1	Acetone	**7.7**	11	5.8	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.24**	0.46	0.29	0.074	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	2.1	1.3	0.46	**J**
75-09-2	Methylene Chloride	0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**1.3**	0.35	0.11	0.051	
75-15-0	Carbon Disulfide	**1.2**	1.6	0.88	0.26	**J**
75-34-3	1,1-Dichloroethane	0.42	0.68	0.42	0.098	**U**
78-93-3	2-Butanone (MEK)	**1.3**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	**71**	1.4	0.92	0.40	
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	0.18	0.55	0.18	0.074	**U**
109-99-9	Tetrahydrofuran (THF)	**0.50**	1.7	0.29	0.12	**J**
107-06-2	1,2-Dichloroethane	0.21	0.66	0.21	0.074	**U**
71-43-2	Benzene	**0.33**	0.83	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**1.2**	0.41	0.14	0.060	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00406

Initial Pressure (psig): -4.57 Final Pressure (psig): 5.99

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.40	0.13	0.059	**U**
79-01-6	Trichloroethene	**0.16**	0.48	0.16	0.068	**J**
123-91-1	1,4-Dioxane	**0.18**	0.74	0.24	0.089	**J**
142-82-5	n-Heptane	0.40	0.65	0.40	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.091	**U**
108-88-3	Toluene	**1.2**	0.70	0.23	0.088	
591-78-6	2-Hexanone	**0.22**	1.2	0.21	0.082	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.30**	0.39	0.13	0.052	**J**
100-41-4	Ethylbenzene	0.20	0.61	0.20	0.088	**U**
179601-23-1	m,p-Xylenes	0.40	1.2	0.40	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.62	0.20	0.090	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.55	0.18	0.080	**U**
95-63-6	1,2,4-Trimethylbenzene	0.18	0.54	0.18	0.077	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.69	0.22	0.089	**U**
91-20-3	Naphthalene	0.30	0.51	0.30	0.13	**U**
1330-20-7	Xylenes, Total	0.40	1.2	0.40	0.16	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00586

Initial Pressure (psig): -1.94 Final Pressure (psig): 7.17

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.6**	1.3	0.80	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	0.45	0.28	0.075	
74-87-3	Chloromethane	**0.40**	1.1	0.66	0.18	**J**
75-01-4	Vinyl Chloride	0.28	0.89	0.28	0.095	**U**
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.84	0.52	0.11	**U**
64-17-5	Ethanol	**13**	12	1.9	0.84	**B**
67-64-1	Acetone	**12**	9.4	4.9	2.2	
75-69-4	Trichlorofluoromethane	**0.41**	0.39	0.24	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.4**	1.7	1.1	0.38	
75-09-2	Methylene Chloride	**0.46**	0.64	0.39	0.18	**J**
76-13-1	Trichlorotrifluoroethane	**4.4**	0.30	0.095	0.042	
75-15-0	Carbon Disulfide	**2.8**	1.4	0.74	0.22	
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.082	**U**
78-93-3	2-Butanone (MEK)	**1.5**	1.5	0.46	0.16	
141-78-6	Ethyl Acetate	**69**	1.2	0.77	0.33	
110-54-3	n-Hexane	**0.39**	0.63	0.39	0.13	**J**
67-66-3	Chloroform	**0.098**	0.46	0.15	0.062	**J**
109-99-9	Tetrahydrofuran (THF)	**0.89**	1.5	0.25	0.097	**J**
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.062	**U**
71-43-2	Benzene	**0.39**	0.70	0.23	0.10	**J**
56-23-5	Carbon Tetrachloride	**3.6**	0.35	0.12	0.050	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00586

Initial Pressure (psig): -1.94 Final Pressure (psig): 7.17

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.44**	1.2	0.42	0.19	**J**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	0.14	0.41	0.14	0.057	**U**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.075	**U**
142-82-5	n-Heptane	**0.15**	0.54	0.33	0.089	**J**
108-10-1	4-Methyl-2-pentanone	**0.10**	1.0	0.18	0.076	**J**
108-88-3	Toluene	**1.6**	0.59	0.19	0.074	
591-78-6	2-Hexanone	**0.25**	1.0	0.18	0.069	**J**
124-48-1	Dibromochloromethane	0.085	0.26	0.085	0.035	**U**
106-93-4	1,2-Dibromoethane	0.095	0.29	0.095	0.035	**U**
127-18-4	Tetrachloroethene	**0.44**	0.33	0.11	0.044	
100-41-4	Ethylbenzene	0.17	0.51	0.17	0.074	**U**
179601-23-1	m,p-Xylenes	**0.17**	0.98	0.33	0.14	**J**
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.52	0.17	0.076	**U**
108-67-8	1,3,5-Trimethylbenzene	0.15	0.46	0.15	0.067	**U**
95-63-6	1,2,4-Trimethylbenzene	0.15	0.45	0.15	0.064	**U**
120-82-1	1,2,4-Trichlorobenzene	0.18	0.58	0.18	0.075	**U**
91-20-3	Naphthalene	0.25	0.42	0.25	0.11	**U**
1330-20-7	Xylenes, Total	**0.17**	0.98	0.33	0.14	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00618

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.88

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,000**	640	390	160	
75-71-8	Dichlorodifluoromethane (CFC 12)	140	220	140	37	**U**
74-87-3	Chloromethane	330	530	330	88	**U**
75-01-4	Vinyl Chloride	140	440	140	47	**U**
106-99-0	1,3-Butadiene	310	500	310	84	**U**
75-00-3	Chloroethane	260	420	260	53	**U**
64-17-5	Ethanol	**1,000**	5,900	930	410	**J, B**
67-64-1	Acetone	2,400	4,600	2,400	1,100	**U**
75-69-4	Trichlorofluoromethane	120	190	120	30	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	540	860	540	190	**U**
75-09-2	Methylene Chloride	190	320	190	91	**U**
76-13-1	Trichlorotrifluoroethane	47	150	47	21	**U**
75-15-0	Carbon Disulfide	370	680	370	110	**U**
75-34-3	1,1-Dichloroethane	170	280	170	41	**U**
78-93-3	2-Butanone (MEK)	230	720	230	79	**U**
141-78-6	Ethyl Acetate	380	590	380	160	**U**
110-54-3	n-Hexane	**43,000**	310	190	66	
67-66-3	Chloroform	74	230	74	31	**U**
109-99-9	Tetrahydrofuran (THF)	120	720	120	48	**U**
107-06-2	1,2-Dichloroethane	89	270	89	31	**U**
71-43-2	Benzene	**2,100**	340	110	51	
56-23-5	Carbon Tetrachloride	57	170	57	25	**U**

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00618

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.88

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**66,000**	610	210	92	
75-27-4	Bromodichloromethane	54	160	54	24	**U**
79-01-6	Trichloroethene	**33**	200	67	28	**J**
123-91-1	1,4-Dioxane	100	300	100	37	**U**
142-82-5	n-Heptane	**8,200**	270	170	44	
108-10-1	4-Methyl-2-pentanone	88	520	88	38	**U**
108-88-3	Toluene	**170**	290	95	36	**J**
591-78-6	2-Hexanone	88	520	88	34	**U**
124-48-1	Dibromochloromethane	42	130	42	17	**U**
106-93-4	1,2-Dibromoethane	47	140	47	17	**U**
127-18-4	Tetrachloroethene	**63**	160	53	22	**J**
100-41-4	Ethylbenzene	83	250	83	36	**U**
179601-23-1	m,p-Xylenes	170	490	170	68	**U**
75-25-2	Bromoform	65	110	65	22	**U**
100-42-5	Styrene	160	260	160	43	**U**
95-47-6	o-Xylene	**82**	260	83	37	**J**
108-67-8	1,3,5-Trimethylbenzene	73	230	73	33	**U**
95-63-6	1,2,4-Trimethylbenzene	73	220	73	32	**U**
120-82-1	1,2,4-Trichlorobenzene	91	280	91	37	**U**
91-20-3	Naphthalene	120	210	120	52	**U**
1330-20-7	Xylenes, Total	**82**	490	170	68	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000080 Liter(s)
Test Notes:
Container ID: 1SS01298

Initial Pressure (psig): 0.05 Final Pressure (psig): 5.38

Container Dilution Factor: 1.36

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5,900**	5,100	3,200	1,300	
75-71-8	Dichlorodifluoromethane (CFC 12)	1,100	1,800	1,100	300	**U**
74-87-3	Chloromethane	2,600	4,300	2,600	710	**U**
75-01-4	Vinyl Chloride	1,100	3,500	1,100	380	**U**
106-99-0	1,3-Butadiene	2,500	4,000	2,500	680	**U**
75-00-3	Chloroethane	2,100	3,400	2,100	430	**U**
64-17-5	Ethanol	**4,800**	48,000	7,500	3,300	**J**
67-64-1	Acetone	19,000	37,000	19,000	8,600	**U**
75-69-4	Trichlorofluoromethane	970	1,500	970	250	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	4,400	6,900	4,400	1,500	**U**
75-09-2	Methylene Chloride	1,600	2,500	1,600	730	**U**
76-13-1	Trichlorotrifluoroethane	380	1,200	380	170	**U**
75-15-0	Carbon Disulfide	2,900	5,500	2,900	870	**U**
75-34-3	1,1-Dichloroethane	1,400	2,300	1,400	330	**U**
78-93-3	2-Butanone (MEK)	1,800	5,800	1,800	630	**U**
141-78-6	Ethyl Acetate	3,100	4,700	3,100	1,300	**U**
110-54-3	n-Hexane	**420,000**	2,500	1,500	530	
67-66-3	Chloroform	590	1,800	590	250	**U**
109-99-9	Tetrahydrofuran (THF)	980	5,800	980	390	**U**
107-06-2	1,2-Dichloroethane	710	2,200	710	250	**U**
71-43-2	Benzene	**29,000**	2,800	900	410	
56-23-5	Carbon Tetrachloride	460	1,400	460	200	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000080 Liter(s)
Test Notes:
Container ID: 1SS01298

Initial Pressure (psig): 0.05 Final Pressure (psig): 5.38

Container Dilution Factor: 1.36

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**360,000**		4,900	1,700	740	
75-27-4	Bromodichloromethane		430	1,300	430	200	**U**
79-01-6	Trichloroethene		540	1,600	540	230	**U**
123-91-1	1,4-Dioxane		800	2,500	800	300	**U**
142-82-5	n-Heptane	**290,000**		2,200	1,300	350	
108-10-1	4-Methyl-2-pentanone		710	4,100	710	300	**U**
108-88-3	Toluene	**18,000**		2,300	770	290	
591-78-6	2-Hexanone		710	4,200	710	270	**U**
124-48-1	Dibromochloromethane		340	1,000	340	140	**U**
106-93-4	1,2-Dibromoethane		380	1,200	380	140	**U**
127-18-4	Tetrachloroethene	**400**		1,300	430	170	**J**
100-41-4	Ethylbenzene		670	2,000	670	290	**U**
179601-23-1	m,p-Xylenes	**3,400**		3,900	1,300	550	**J**
75-25-2	Bromoform		530	870	530	180	**U**
100-42-5	Styrene		1,300	2,100	1,300	340	**U**
95-47-6	o-Xylene	**1,100**		2,100	670	300	**J**
108-67-8	1,3,5-Trimethylbenzene		590	1,800	590	270	**U**
95-63-6	1,2,4-Trimethylbenzene		590	1,800	590	260	**U**
120-82-1	1,2,4-Trichlorobenzene		730	2,300	730	300	**U**
91-20-3	Naphthalene		1,000	1,700	1,000	420	**U**
1330-20-7	Xylenes, Total	**4,500**		3,900	1,300	550	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-012

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01277

Initial Pressure (psig): -2.67 Final Pressure (psig): 6.37

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4,800**	3,500	2,200	880	
75-71-8	Dichlorodifluoromethane (CFC 12)	760	1,200	760	210	**U**
74-87-3	Chloromethane	1,800	2,900	1,800	490	**U**
75-01-4	Vinyl Chloride	780	2,400	780	260	**U**
106-99-0	1,3-Butadiene	1,700	2,700	1,700	460	**U**
75-00-3	Chloroethane	1,400	2,300	1,400	290	**U**
64-17-5	Ethanol	5,100	33,000	5,100	2,300	**U**
67-64-1	Acetone	13,000	26,000	13,000	5,900	**U**
75-69-4	Trichlorofluoromethane	660	1,100	660	170	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,000	4,700	3,000	1,000	**U**
75-09-2	Methylene Chloride	1,100	1,700	1,100	500	**U**
76-13-1	Trichlorotrifluoroethane	260	810	260	120	**U**
75-15-0	Carbon Disulfide	2,000	3,700	2,000	600	**U**
75-34-3	1,1-Dichloroethane	950	1,600	950	220	**U**
78-93-3	2-Butanone (MEK)	1,300	4,000	1,300	440	**U**
141-78-6	Ethyl Acetate	2,100	3,200	2,100	910	**U**
110-54-3	n-Hexane	**340,000**	1,700	1,100	360	
67-66-3	Chloroform	410	1,300	410	170	**U**
109-99-9	Tetrahydrofuran (THF)	670	4,000	670	270	**U**
107-06-2	1,2-Dichloroethane	490	1,500	490	170	**U**
71-43-2	Benzene	**25,000**	1,900	620	280	
56-23-5	Carbon Tetrachloride	320	950	320	140	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-012

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01277

Initial Pressure (psig): -2.67 Final Pressure (psig): 6.37

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**300,000**		3,400	1,200	510	
75-27-4	Bromodichloromethane		300	910	300	130	**U**
79-01-6	Trichloroethene		370	1,100	370	160	**U**
123-91-1	1,4-Dioxane		550	1,700	550	200	**U**
142-82-5	n-Heptane	**240,000**		1,500	910	240	
108-10-1	4-Methyl-2-pentanone		480	2,800	480	210	**U**
108-88-3	Toluene	**16,000**		1,600	530	200	
591-78-6	2-Hexanone		480	2,800	480	190	**U**
124-48-1	Dibromochloromethane		230	710	230	96	**U**
106-93-4	1,2-Dibromoethane		260	790	260	94	**U**
127-18-4	Tetrachloroethene	**270**		890	290	120	**J**
100-41-4	Ethylbenzene		460	1,400	460	200	**U**
179601-23-1	m,p-Xylenes	**3,100**		2,700	910	380	
75-25-2	Bromoform		360	600	360	120	**U**
100-42-5	Styrene		880	1,400	880	240	**U**
95-47-6	o-Xylene	**1,100**		1,400	460	210	**J**
108-67-8	1,3,5-Trimethylbenzene		400	1,300	400	180	**U**
95-63-6	1,2,4-Trimethylbenzene		400	1,200	400	180	**U**
120-82-1	1,2,4-Trichlorobenzene		500	1,600	500	200	**U**
91-20-3	Naphthalene		690	1,200	690	290	**U**
1330-20-7	Xylenes, Total	**4,100**		2,700	910	380	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-013

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01294

Initial Pressure (psig): -4.17 Final Pressure (psig): 7.55

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**970**	430	260	110	
75-71-8	Dichlorodifluoromethane (CFC 12)	**66**	150	91	25	**J**
74-87-3	Chloromethane	220	350	220	59	**U**
75-01-4	Vinyl Chloride	94	290	94	31	**U**
106-99-0	1,3-Butadiene	200	330	200	56	**U**
75-00-3	Chloroethane	170	280	170	35	**U**
64-17-5	Ethanol	620	4,000	620	280	**U**
67-64-1	Acetone	1,600	3,100	1,600	710	**U**
75-69-4	Trichlorofluoromethane	80	130	80	20	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	360	570	360	130	**U**
75-09-2	Methylene Chloride	130	210	130	61	**U**
76-13-1	Trichlorotrifluoroethane	**28**	97	31	14	**J**
75-15-0	Carbon Disulfide	240	450	240	72	**U**
75-34-3	1,1-Dichloroethane	110	190	110	27	**U**
78-93-3	2-Butanone (MEK)	150	480	150	52	**U**
141-78-6	Ethyl Acetate	250	390	250	110	**U**
110-54-3	n-Hexane	**29,000**	210	130	44	
67-66-3	Chloroform	49	150	49	20	**U**
109-99-9	Tetrahydrofuran (THF)	81	480	81	32	**U**
107-06-2	1,2-Dichloroethane	59	180	59	21	**U**
71-43-2	Benzene	75	230	75	34	**U**
56-23-5	Carbon Tetrachloride	38	110	38	17	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-013

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01294

Initial Pressure (psig): -4.17 Final Pressure (psig): 7.55

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**44,000**	410	140	61	
75-27-4	Bromodichloromethane	36	110	36	16	**U**
79-01-6	Trichloroethene	45	130	45	19	**U**
123-91-1	1,4-Dioxane	66	200	66	25	**U**
142-82-5	n-Heptane	**1,600**	180	110	29	
108-10-1	4-Methyl-2-pentanone	58	340	58	25	**U**
108-88-3	Toluene	**83**	190	63	24	**J**
591-78-6	2-Hexanone	58	340	58	23	**U**
124-48-1	Dibromochloromethane	28	86	28	12	**U**
106-93-4	1,2-Dibromoethane	31	95	31	11	**U**
127-18-4	Tetrachloroethene	**35**	110	35	14	**J**
100-41-4	Ethylbenzene	55	170	55	24	**U**
179601-23-1	m,p-Xylenes	110	320	110	45	**U**
75-25-2	Bromoform	44	72	44	15	**U**
100-42-5	Styrene	110	170	110	28	**U**
95-47-6	o-Xylene	55	170	55	25	**U**
108-67-8	1,3,5-Trimethylbenzene	49	150	49	22	**U**
95-63-6	1,2,4-Trimethylbenzene	49	150	49	21	**U**
120-82-1	1,2,4-Trichlorobenzene	61	190	61	25	**U**
91-20-3	Naphthalene	83	140	83	35	**U**
1330-20-7	Xylenes, Total	110	320	110	45	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-014

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS01309

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.18

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**110**	38	23	9.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	**8.2**	13	8.1	2.2	**J**
74-87-3	Chloromethane	**21**	31	19	5.2	**J**
75-01-4	Vinyl Chloride	**3.2**	26	8.3	2.8	**J**
106-99-0	1,3-Butadiene	18	29	18	5.0	**U**
75-00-3	Chloroethane	15	25	15	3.1	**U**
64-17-5	Ethanol	55	350	55	24	**U**
67-64-1	Acetone	140	270	140	63	**U**
75-69-4	Trichlorofluoromethane	7.1	11	7.1	1.8	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	32	51	32	11	**U**
75-09-2	Methylene Chloride	11	19	11	5.4	**U**
76-13-1	Trichlorotrifluoroethane	**3.8**	8.6	2.8	1.2	**J**
75-15-0	Carbon Disulfide	**80**	40	22	6.4	
75-34-3	1,1-Dichloroethane	10	17	10	2.4	**U**
78-93-3	2-Butanone (MEK)	14	42	14	4.7	**U**
141-78-6	Ethyl Acetate	22	35	22	9.7	**U**
110-54-3	n-Hexane	**3,800**	55	34	12	**D**
67-66-3	Chloroform	4.3	14	4.3	1.8	**U**
109-99-9	Tetrahydrofuran (THF)	**24**	42	7.2	2.8	**J**
107-06-2	1,2-Dichloroethane	5.2	16	5.2	1.8	**U**
71-43-2	Benzene	**170**	20	6.6	3.0	
56-23-5	Carbon Tetrachloride	3.4	10	3.4	1.5	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-014

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS01309

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.18

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3,300**	36	12	5.4	
75-27-4	Bromodichloromethane	3.2	9.7	3.2	1.4	**U**
79-01-6	Trichloroethene	3.9	12	3.9	1.7	**U**
123-91-1	1,4-Dioxane	5.9	18	5.9	2.2	**U**
142-82-5	n-Heptane	**2,500**	16	9.7	2.6	
108-10-1	4-Methyl-2-pentanone	5.2	30	5.2	2.2	**U**
108-88-3	Toluene	**220**	17	5.6	2.2	
591-78-6	2-Hexanone	5.2	30	5.2	2.0	**U**
124-48-1	Dibromochloromethane	2.5	7.6	2.5	1.0	**U**
106-93-4	1,2-Dibromoethane	2.8	8.4	2.8	1.0	**U**
127-18-4	Tetrachloroethene	3.1	9.6	3.1	1.3	**U**
100-41-4	Ethylbenzene	**7.8**	15	4.9	2.2	**J**
179601-23-1	m,p-Xylenes	**34**	29	9.8	4.0	
75-25-2	Bromoform	3.9	6.4	3.9	1.3	**U**
100-42-5	Styrene	9.4	15	9.4	2.5	**U**
95-47-6	o-Xylene	**7.3**	15	4.9	2.2	**J**
108-67-8	1,3,5-Trimethylbenzene	4.3	13	4.3	2.0	**U**
95-63-6	1,2,4-Trimethylbenzene	4.3	13	4.3	1.9	**U**
120-82-1	1,2,4-Trichlorobenzene	5.4	17	5.4	2.2	**U**
91-20-3	Naphthalene	7.4	12	7.4	3.1	**U**
1330-20-7	Xylenes, Total	**41**	29	9.8	4.0	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-020-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-015

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01215

Initial Pressure (psig): -3.33 Final Pressure (psig): 5.66

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.40**	1.4	0.83	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.99**	0.47	0.29	0.079	
74-87-3	Chloromethane	0.69	1.1	0.69	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.93	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.54	0.88	0.54	0.11	**U**
64-17-5	Ethanol	**5.5**	13	2.0	0.88	**J, B**
67-64-1	Acetone	**4.3**	9.8	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.41	0.25	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.40	**U**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.19**	0.31	0.099	0.044	**J**
75-15-0	Carbon Disulfide	**0.55**	1.4	0.78	0.23	**J**
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.086	**U**
78-93-3	2-Butanone (MEK)	**0.90**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	**0.52**	1.2	0.81	0.35	**J**
110-54-3	n-Hexane	**1.8**	0.66	0.41	0.14	
67-66-3	Chloroform	**0.24**	0.49	0.16	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**0.13**	1.5	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.065	**U**
71-43-2	Benzene	**0.15**	0.73	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.41**	0.36	0.12	0.053	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-020-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-015

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01215

Initial Pressure (psig): -3.33 Final Pressure (psig): 5.66

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.3**	1.3	0.44	0.20	
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.060	**U**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.078	**U**
142-82-5	n-Heptane	**1.3**	0.57	0.35	0.093	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.080	**U**
108-88-3	Toluene	**1.0**	0.62	0.20	0.077	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.072	**U**
124-48-1	Dibromochloromethane	0.089	0.27	0.089	0.037	**U**
106-93-4	1,2-Dibromoethane	0.099	0.30	0.099	0.036	**U**
127-18-4	Tetrachloroethene	**0.27**	0.34	0.11	0.046	**J**
100-41-4	Ethylbenzene	**0.73**	0.54	0.18	0.077	
179601-23-1	m,p-Xylenes	**4.4**	1.0	0.35	0.14	
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.090	**U**
95-47-6	o-Xylene	**1.2**	0.55	0.18	0.079	
108-67-8	1,3,5-Trimethylbenzene	**1.3**	0.48	0.15	0.070	
95-63-6	1,2,4-Trimethylbenzene	**6.1**	0.47	0.15	0.067	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	**1.8**	0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**5.6**	1.0	0.35	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-016

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01308

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.07

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**28**	1.4	0.86	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.49	0.30	0.082	
74-87-3	Chloromethane	0.72	1.2	0.72	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.19	**U**
75-00-3	Chloroethane	0.56	0.92	0.56	0.12	**U**
64-17-5	Ethanol	**13**	13	2.0	0.91	**J, B**
67-64-1	Acetone	**4.5**	10	5.3	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.26**	0.42	0.26	0.067	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**63**	1.9	1.2	0.42	
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.45**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	0.81	1.5	0.81	0.24	**U**
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.090	**U**
78-93-3	2-Butanone (MEK)	**2.2**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	0.84	1.3	0.84	0.36	**U**
110-54-3	n-Hexane	**0.20**	0.69	0.42	0.15	**J**
67-66-3	Chloroform	**6.4**	0.50	0.16	0.068	
109-99-9	Tetrahydrofuran (THF)	0.27	1.6	0.27	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.068	**U**
71-43-2	Benzene	0.25	0.76	0.25	0.11	**U**
56-23-5	Carbon Tetrachloride	**2.6**	0.38	0.13	0.055	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-016

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01308

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.07

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.4	0.46	0.20	**U**
75-27-4	Bromodichloromethane	**0.41**	0.36	0.12	0.053	
79-01-6	Trichloroethene	0.15	0.44	0.15	0.062	**U**
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.081	**U**
142-82-5	n-Heptane	**0.13**	0.59	0.36	0.096	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.083	**U**
108-88-3	Toluene	**0.24**	0.64	0.21	0.080	**J**
591-78-6	2-Hexanone	**0.15**	1.1	0.19	0.075	**J**
124-48-1	Dibromochloromethane	0.093	0.28	0.093	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.45**	0.36	0.12	0.047	
100-41-4	Ethylbenzene	**0.14**	0.56	0.18	0.080	**J**
179601-23-1	m,p-Xylenes	**0.83**	1.1	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.094	**U**
95-47-6	o-Xylene	**0.23**	0.57	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.28**	0.50	0.16	0.073	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.3**	0.49	0.16	0.070	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.081	**U**
91-20-3	Naphthalene	**0.44**	0.46	0.28	0.12	**J**
1330-20-7	Xylenes, Total	**1.1**	1.1	0.36	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-017

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01306

Initial Pressure (psig): -2.97 Final Pressure (psig): 6.54

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**70**	1.4	0.84	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.7**	0.48	0.29	0.080	
74-87-3	Chloromethane	0.70	1.1	0.70	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.94	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.55	0.89	0.55	0.11	**U**
64-17-5	Ethanol	**15**	13	2.0	0.89	**B**
67-64-1	Acetone	**6.9**	9.9	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.28**	0.41	0.26	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**200**	1.8	1.2	0.41	
75-09-2	Methylene Chloride	0.42	0.68	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.34**	0.31	0.10	0.045	
75-15-0	Carbon Disulfide	**4.3**	1.5	0.78	0.23	
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.087	**U**
78-93-3	2-Butanone (MEK)	**2.2**	1.5	0.49	0.17	
141-78-6	Ethyl Acetate	**0.38**	1.3	0.82	0.35	**J**
110-54-3	n-Hexane	0.41	0.67	0.41	0.14	**U**
67-66-3	Chloroform	**0.61**	0.49	0.16	0.066	
109-99-9	Tetrahydrofuran (THF)	**4.3**	1.5	0.26	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.19**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**3.0**	0.37	0.12	0.053	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-017

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01306

Initial Pressure (psig): -2.97 Final Pressure (psig): 6.54

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.052	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.079	**U**
142-82-5	n-Heptane	0.35	0.57	0.35	0.094	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.081	**U**
108-88-3	Toluene	**0.37**	0.62	0.20	0.078	**J**
591-78-6	2-Hexanone	**0.14**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.090	0.28	0.090	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.33**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	**0.13**	0.54	0.18	0.078	**J**
179601-23-1	m,p-Xylenes	**0.73**	1.0	0.35	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.091	**U**
95-47-6	o-Xylene	**0.21**	0.55	0.18	0.080	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.23**	0.49	0.16	0.071	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.1**	0.48	0.16	0.068	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.61	0.20	0.079	**U**
91-20-3	Naphthalene	**0.35**	0.45	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**0.94**	1.0	0.35	0.15	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-018

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01276

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.88

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.49**	1.3	0.81	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**9.9**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.53	0.86	0.53	0.11	**U**
64-17-5	Ethanol	**7.5**	12	1.9	0.86	**J, B**
67-64-1	Acetone	5.0	9.6	5.0	2.2	**U**
75-69-4	Trichlorofluoromethane	**0.63**	0.40	0.25	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.42**	1.8	1.1	0.39	**J**
75-09-2	Methylene Chloride	0.40	0.66	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.58**	0.30	0.097	0.043	
75-15-0	Carbon Disulfide	**4.5**	1.4	0.76	0.22	
75-34-3	1,1-Dichloroethane	0.36	0.58	0.36	0.084	**U**
78-93-3	2-Butanone (MEK)	**1.6**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	0.79	1.2	0.79	0.34	**U**
110-54-3	n-Hexane	**0.15**	0.65	0.40	0.14	**J**
67-66-3	Chloroform	**0.64**	0.48	0.15	0.064	
109-99-9	Tetrahydrofuran (THF)	**1.2**	1.5	0.25	0.099	**J**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.064	**U**
71-43-2	Benzene	**2.3**	0.71	0.23	0.11	
56-23-5	Carbon Tetrachloride	**3.8**	0.35	0.12	0.051	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-018

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01276

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.88

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.43	1.3	0.43	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.059	**U**
123-91-1	1,4-Dioxane	0.21	0.63	0.21	0.077	**U**
142-82-5	n-Heptane	**0.097**	0.56	0.34	0.091	**J**
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**1.1**	0.60	0.20	0.075	
591-78-6	2-Hexanone	**0.096**	1.1	0.18	0.071	**J**
124-48-1	Dibromochloromethane	0.087	0.27	0.087	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.035	**U**
127-18-4	Tetrachloroethene	**0.057**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.15**	0.52	0.17	0.076	**J**
179601-23-1	m,p-Xylenes	**0.51**	1.0	0.34	0.14	**J**
75-25-2	Bromoform	0.14	0.22	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.088	**U**
95-47-6	o-Xylene	**0.14**	0.53	0.17	0.078	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.13**	0.47	0.15	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.63**	0.46	0.15	0.066	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	**0.20**	0.43	0.26	0.11	**J**
1330-20-7	Xylenes, Total	**0.65**	1.0	0.34	0.14	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-019

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00096

Initial Pressure (psig): -2.37 Final Pressure (psig): 6.27

Container Dilution Factor: 1.70

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**420**	73	45	18	
75-71-8	Dichlorodifluoromethane (CFC 12)	**61**	26	16	4.3	
74-87-3	Chloromethane	38	61	38	10	**U**
75-01-4	Vinyl Chloride	16	50	16	5.4	**U**
106-99-0	1,3-Butadiene	35	57	35	9.7	**U**
75-00-3	Chloroethane	29	48	29	6.1	**U**
64-17-5	Ethanol	**470**	680	110	48	**J**
67-64-1	Acetone	280	530	280	120	**U**
75-69-4	Trichlorofluoromethane	**8.2**	22	14	3.5	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	62	99	62	22	**U**
75-09-2	Methylene Chloride	**21**	36	22	10	**J**
76-13-1	Trichlorotrifluoroethane	5.4	17	5.4	2.4	**U**
75-15-0	Carbon Disulfide	42	78	42	12	**U**
75-34-3	1,1-Dichloroethane	20	32	20	4.7	**U**
78-93-3	2-Butanone (MEK)	26	82	26	9.1	**U**
141-78-6	Ethyl Acetate	**190**	67	44	19	
110-54-3	n-Hexane	**650**	36	22	7.6	
67-66-3	Chloroform	8.5	26	8.5	3.5	**U**
109-99-9	Tetrahydrofuran (THF)	14	82	14	5.5	**U**
107-06-2	1,2-Dichloroethane	10	31	10	3.5	**U**
71-43-2	Benzene	**550**	40	13	5.9	
56-23-5	Carbon Tetrachloride	6.6	20	6.6	2.9	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-019

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00096

Initial Pressure (psig): -2.37 Final Pressure (psig): 6.27

Container Dilution Factor: 1.70

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2,300**	71	24	11	
75-27-4	Bromodichloromethane	6.2	19	6.2	2.8	**U**
79-01-6	Trichloroethene	**4.8**	23	7.7	3.3	**J**
123-91-1	1,4-Dioxane	11	35	11	4.2	**U**
142-82-5	n-Heptane	**44**	31	19	5.0	
108-10-1	4-Methyl-2-pentanone	10	59	10	4.3	**U**
108-88-3	Toluene	**280**	34	11	4.2	
591-78-6	2-Hexanone	10	59	10	3.9	**U**
124-48-1	Dibromochloromethane	4.8	15	4.8	2.0	**U**
106-93-4	1,2-Dibromoethane	5.4	16	5.4	2.0	**U**
127-18-4	Tetrachloroethene	**6.6**	19	6.1	2.5	**J**
100-41-4	Ethylbenzene	**8.3**	29	9.5	4.2	**J**
179601-23-1	m,p-Xylenes	**28**	56	19	7.8	**J**
75-25-2	Bromoform	7.5	12	7.5	2.6	**U**
100-42-5	Styrene	18	30	18	4.9	**U**
95-47-6	o-Xylene	**35**	30	9.5	4.3	
108-67-8	1,3,5-Trimethylbenzene	**16**	26	8.4	3.8	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.9**	26	8.4	3.7	**J**
120-82-1	1,2,4-Trichlorobenzene	10	33	10	4.3	**U**
91-20-3	Naphthalene	14	24	14	6.0	**U**
1330-20-7	Xylenes, Total	**63**	56	19	7.8	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3,900**	370	230	93	
75-71-8	Dichlorodifluoromethane (CFC 12)	**120**	130	79	22	**J**
74-87-3	Chloromethane	190	310	190	51	**U**
75-01-4	Vinyl Chloride	82	250	82	27	**U**
106-99-0	1,3-Butadiene	180	290	180	49	**U**
75-00-3	Chloroethane	150	240	150	31	**U**
64-17-5	Ethanol	540	3,500	540	240	**U**
67-64-1	Acetone	1,400	2,700	1,400	620	**U**
75-69-4	Trichlorofluoromethane	70	110	70	18	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**120**	500	310	110	**J**
75-09-2	Methylene Chloride	110	180	110	53	**U**
76-13-1	Trichlorotrifluoroethane	27	85	27	12	**U**
75-15-0	Carbon Disulfide	210	390	210	63	**U**
75-34-3	1,1-Dichloroethane	100	160	100	24	**U**
78-93-3	2-Butanone (MEK)	130	420	130	46	**U**
141-78-6	Ethyl Acetate	220	340	220	95	**U**
110-54-3	n-Hexane	**20,000**	180	110	38	
67-66-3	Chloroform	43	130	43	18	**U**
109-99-9	Tetrahydrofuran (THF)	71	420	71	28	**U**
107-06-2	1,2-Dichloroethane	52	160	52	18	**U**
71-43-2	Benzene	**12,000**	200	65	30	
56-23-5	Carbon Tetrachloride	33	99	33	14	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**25,000**	360	120	53	
75-27-4	Bromodichloromethane	31	95	31	14	**U**
79-01-6	Trichloroethene	39	120	39	16	**U**
123-91-1	1,4-Dioxane	58	180	58	21	**U**
142-82-5	n-Heptane	**17,000**	160	96	25	
108-10-1	4-Methyl-2-pentanone	51	300	51	22	**U**
108-88-3	Toluene	**18,000**	170	55	21	
591-78-6	2-Hexanone	51	300	51	20	**U**
124-48-1	Dibromochloromethane	24	75	24	10	**U**
106-93-4	1,2-Dibromoethane	**22**	83	27	9.9	**J**
127-18-4	Tetrachloroethene	**28**	94	31	12	**J**
100-41-4	Ethylbenzene	**1,100**	150	48	21	
179601-23-1	m,p-Xylenes	**4,500**	280	96	40	
75-25-2	Bromoform	38	63	38	13	**U**
100-42-5	Styrene	92	150	92	25	**U**
95-47-6	o-Xylene	**1,800**	150	48	22	
108-67-8	1,3,5-Trimethylbenzene	**760**	130	42	19	
95-63-6	1,2,4-Trimethylbenzene	**840**	130	42	18	
120-82-1	1,2,4-Trichlorobenzene	53	170	53	21	**U**
91-20-3	Naphthalene	73	120	73	30	**U**
1330-20-7	Xylenes, Total	**6,400**	280	96	40	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-021

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01263

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.46

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.9**	1.3	0.82	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.44**	0.46	0.28	0.077	**J**
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.53	0.87	0.53	0.11	**U**
64-17-5	Ethanol	**18**	12	1.9	0.86	
67-64-1	Acetone	**8.0**	9.6	5.0	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.19**	0.40	0.25	0.063	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.7**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	0.41	0.66	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.072**	0.30	0.098	0.044	**J**
75-15-0	Carbon Disulfide	**1.1**	1.4	0.76	0.23	**J**
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.085	**U**
78-93-3	2-Butanone (MEK)	**3.5**	1.5	0.48	0.16	
141-78-6	Ethyl Acetate	0.79	1.2	0.79	0.34	**U**
110-54-3	n-Hexane	**0.54**	0.65	0.40	0.14	**J**
67-66-3	Chloroform	**0.18**	0.48	0.15	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	0.25	1.5	0.25	0.10	**U**
107-06-2	1,2-Dichloroethane	0.18	0.57	0.18	0.064	**U**
71-43-2	Benzene	**0.79**	0.72	0.23	0.11	
56-23-5	Carbon Tetrachloride	**0.47**	0.36	0.12	0.052	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-021

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01263

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.46

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.46**	1.3	0.43	0.19	**J**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.059	**U**
123-91-1	1,4-Dioxane	0.21	0.64	0.21	0.077	**U**
142-82-5	n-Heptane	**1.1**	0.56	0.34	0.091	
108-10-1	4-Methyl-2-pentanone	**0.13**	1.1	0.18	0.078	**J**
108-88-3	Toluene	**4.0**	0.61	0.20	0.076	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.071	**U**
124-48-1	Dibromochloromethane	0.088	0.27	0.088	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.036	**U**
127-18-4	Tetrachloroethene	**0.11**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.70**	0.53	0.17	0.076	
179601-23-1	m,p-Xylenes	**4.0**	1.0	0.34	0.14	
75-25-2	Bromoform	0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.54	0.33	0.089	**U**
95-47-6	o-Xylene	**1.5**	0.54	0.17	0.078	
108-67-8	1,3,5-Trimethylbenzene	**1.7**	0.47	0.15	0.069	
95-63-6	1,2,4-Trimethylbenzene	**4.0**	0.47	0.15	0.066	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	**0.90**	0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**5.5**	1.0	0.34	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-022

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01290

Initial Pressure (psig): -2.25 Final Pressure (psig): 8.67

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.0**	1.4	0.87	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.42**	0.49	0.30	0.083	**J**
74-87-3	Chloromethane	0.73	1.2	0.73	0.20	**U**
75-01-4	Vinyl Chloride	0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.93	0.57	0.12	**U**
64-17-5	Ethanol	**15**	13	2.1	0.92	
67-64-1	Acetone	**6.0**	10	5.3	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.19**	0.43	0.27	0.068	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.97**	1.9	1.2	0.42	**J**
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.074**	0.33	0.10	0.047	**J**
75-15-0	Carbon Disulfide	**0.63**	1.5	0.82	0.24	**J**
75-34-3	1,1-Dichloroethane	0.38	0.63	0.38	0.091	**U**
78-93-3	2-Butanone (MEK)	**3.7**	1.6	0.51	0.18	
141-78-6	Ethyl Acetate	0.85	1.3	0.85	0.37	**U**
110-54-3	n-Hexane	**1.0**	0.69	0.43	0.15	
67-66-3	Chloroform	**0.17**	0.51	0.16	0.068	**J**
109-99-9	Tetrahydrofuran (THF)	0.27	1.6	0.27	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.069	**U**
71-43-2	Benzene	**1.4**	0.77	0.25	0.11	
56-23-5	Carbon Tetrachloride	**0.46**	0.38	0.13	0.055	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-022

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01290

Initial Pressure (psig): -2.25 Final Pressure (psig): 8.67

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.68**	1.4	0.46	0.20	**J**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.054	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.063	**U**
123-91-1	1,4-Dioxane	0.22	0.68	0.22	0.082	**U**
142-82-5	n-Heptane	**2.2**	0.60	0.37	0.098	
108-10-1	4-Methyl-2-pentanone	0.20	1.1	0.20	0.084	**U**
108-88-3	Toluene	**7.1**	0.65	0.21	0.081	
591-78-6	2-Hexanone	0.20	1.1	0.20	0.076	**U**
124-48-1	Dibromochloromethane	0.094	0.29	0.094	0.039	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.11**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	**1.2**	0.56	0.18	0.081	
179601-23-1	m,p-Xylenes	**7.0**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.095	**U**
95-47-6	o-Xylene	**2.3**	0.57	0.18	0.083	
108-67-8	1,3,5-Trimethylbenzene	**2.3**	0.51	0.16	0.074	
95-63-6	1,2,4-Trimethylbenzene	**6.4**	0.50	0.16	0.071	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	**1.5**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**9.3**	1.1	0.37	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-023

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00834

Initial Pressure (psig): -4.98 Final Pressure (psig): 6.07

Container Dilution Factor: 2.14

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.73**		1.6	1.0	0.40	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.42**		0.56	0.35	0.094	**J**
74-87-3	Chloromethane		0.83	1.3	0.83	0.22	**U**
75-01-4	Vinyl Chloride		0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene		0.77	1.3	0.77	0.21	**U**
75-00-3	Chloroethane		0.65	1.1	0.65	0.13	**U**
64-17-5	Ethanol	**3.7**		15	2.4	1.1	**J**
67-64-1	Acetone	**5.0**		12	6.1	2.7	**J**
75-69-4	Trichlorofluoromethane	**0.19**		0.49	0.30	0.077	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)		1.4	2.2	1.4	0.48	**U**
75-09-2	Methylene Chloride		0.49	0.80	0.49	0.23	**U**
76-13-1	Trichlorotrifluoroethane	**0.077**		0.37	0.12	0.053	**J**
75-15-0	Carbon Disulfide	**0.58**		1.7	0.93	0.27	**J**
75-34-3	1,1-Dichloroethane		0.44	0.71	0.44	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.1**		1.8	0.58	0.20	**J**
141-78-6	Ethyl Acetate	**0.60**		1.5	0.97	0.42	**J**
110-54-3	n-Hexane	**0.92**		0.79	0.49	0.17	
67-66-3	Chloroform	**0.25**		0.58	0.19	0.078	**J**
109-99-9	Tetrahydrofuran (THF)	**2.3**		1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane		0.22	0.69	0.22	0.078	**U**
71-43-2	Benzene	**1.2**		0.87	0.28	0.13	
56-23-5	Carbon Tetrachloride	**0.56**		0.43	0.14	0.063	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-023

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00834

Initial Pressure (psig): -4.98 Final Pressure (psig): 6.07

Container Dilution Factor: 2.14

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.1**	1.6	0.53	0.23	**J**
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.062	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.25	0.77	0.25	0.094	**U**
142-82-5	n-Heptane	**2.2**	0.68	0.42	0.11	
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.095	**U**
108-88-3	Toluene	**6.1**	0.74	0.24	0.092	
591-78-6	2-Hexanone	0.22	1.3	0.22	0.086	**U**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.044	**U**
106-93-4	1,2-Dibromoethane	0.12	0.36	0.12	0.043	**U**
127-18-4	Tetrachloroethene	**0.13**	0.41	0.13	0.054	**J**
100-41-4	Ethylbenzene	**1.0**	0.64	0.21	0.092	
179601-23-1	m,p-Xylenes	**5.6**	1.2	0.42	0.17	
75-25-2	Bromoform	0.17	0.27	0.17	0.057	**U**
100-42-5	Styrene	0.40	0.65	0.40	0.11	**U**
95-47-6	o-Xylene	**1.9**	0.65	0.21	0.095	
108-67-8	1,3,5-Trimethylbenzene	**1.8**	0.58	0.19	0.084	
95-63-6	1,2,4-Trimethylbenzene	**5.0**	0.57	0.19	0.081	
120-82-1	1,2,4-Trichlorobenzene	0.23	0.72	0.23	0.094	**U**
91-20-3	Naphthalene	**0.62**	0.53	0.32	0.13	
1330-20-7	Xylenes, Total	**7.5**	1.2	0.42	0.17	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-024

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00807

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.56

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.52**	1.5	0.93	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.29**	0.53	0.33	0.088	**J**
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	0.99	0.61	0.13	**U**
64-17-5	Ethanol	**4.5**	14	2.2	0.99	**J**
67-64-1	Acetone	**4.8**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.19**	0.46	0.29	0.072	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.46	0.75	0.46	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.083**	0.35	0.11	0.050	**J**
75-15-0	Carbon Disulfide	**2.5**	1.6	0.87	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**0.38**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	**0.48**	0.74	0.46	0.16	**J**
67-66-3	Chloroform	**0.17**	0.55	0.17	0.073	**J**
109-99-9	Tetrahydrofuran (THF)	**0.80**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.073	**U**
71-43-2	Benzene	**0.66**	0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.76**	0.41	0.14	0.059	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-024

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00807

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.56

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.35**	1.5	0.50	0.22	**J**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	**0.080**	0.48	0.16	0.067	**J**
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	**0.95**	0.64	0.39	0.10	
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**2.9**	0.69	0.23	0.087	
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.12**	0.39	0.13	0.051	**J**
100-41-4	Ethylbenzene	**0.57**	0.60	0.20	0.087	**J**
179601-23-1	m,p-Xylenes	**3.1**	1.2	0.39	0.16	
75-25-2	Bromoform	0.16	0.26	0.16	0.053	**U**
100-42-5	Styrene	0.38	0.61	0.38	0.10	**U**
95-47-6	o-Xylene	**0.97**	0.61	0.20	0.089	
108-67-8	1,3,5-Trimethylbenzene	**0.89**	0.54	0.17	0.079	
95-63-6	1,2,4-Trimethylbenzene	**3.0**	0.53	0.17	0.076	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	**0.39**	0.50	0.30	0.12	**J**
1330-20-7	Xylenes, Total	**4.1**	1.2	0.39	0.16	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	**0.20**	2.8	0.44	0.20	**J**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102025

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/13/21
Analyst: Lusine Hakobyan Date(s) Received: 4/16/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/5 - 5/6/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210505-MB	**98**	**97**	**99**	70-130	
Method Blank	P210506-MB	**99**	**95**	**99**	70-130	
Lab Control Sample	P210505-LCS	**97**	**96**	**100**	70-130	
Lab Control Sample	P210506-LCS	**98**	**95**	**101**	70-130	
Duplicate Lab Control Sample	P210505-DLCS	**97**	**97**	**101**	70-130	
Duplicate Lab Control Sample	P210506-DLCS	**97**	**97**	**101**	70-130	
SV109-025-212	P2102025-001	**102**	**94**	**97**	70-130	
SV109-050-212	P2102025-002	**103**	**93**	**96**	70-130	
SV109-150-212	P2102025-003	**103**	**94**	**95**	70-130	
SV109-250-212	P2102025-004	**104**	**92**	**93**	70-130	
SV109-350-212	P2102025-005	**103**	**93**	**93**	70-130	
SV109-450-612	P2102025-006	**104**	**91**	**91**	70-130	
SV109-450-212	P2102025-007	**103**	**91**	**91**	70-130	
SV110-025-212	P2102025-008	**106**	**91**	**91**	70-130	
SV110-050-212	P2102025-009	**108**	**91**	**90**	70-130	
SV110-150-212	P2102025-010	**102**	**92**	**99**	70-130	
SV110-250-212	P2102025-011	**98**	**95**	**103**	70-130	
SV110-250-612	P2102025-012	**97**	**94**	**103**	70-130	
SV110-350-212	P2102025-013	**98**	**94**	**102**	70-130	
SV110-450-212	P2102025-014	**108**	**89**	**92**	70-130	
SV113-020-212	P2102025-015	**106**	**92**	**92**	70-130	
SV113-050-212	P2102025-016	**103**	**93**	**94**	70-130	
SV113-150-212	P2102025-017	**103**	**93**	**95**	70-130	
SV113-250-212	P2102025-018	**101**	**93**	**97**	70-130	
SV113-350-212	P2102025-019	**97**	**93**	**102**	70-130	
SV113-450-212	P2102025-020	**97**	**93**	**101**	70-130	
SV113-450-212	P2102025-020DUP	**97**	**93**	**101**	70-130	
SV115-025-212	P2102025-021	**99**	**95**	**98**	70-130	
SV115-025-612	P2102025-022	**99**	**97**	**99**	70-130	
SV115-050-212	P2102025-023	**98**	**98**	**100**	70-130	
SV115-150-212	P2102025-024	**97**	**98**	**101**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	132	130	**108**	**107**	57-136	0.9	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.6	38.4	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	99.8	90.5	85.2	**91**	**85**	59-132	7	25	
75-01-4	Vinyl Chloride	81.4	77.3	73.9	**95**	**91**	64-127	4	25	
106-99-0	1,3-Butadiene	95.0	102	97.7	**107**	**103**	66-134	4	25	
75-00-3	Chloroethane	77.3	74.2	73.1	**96**	**95**	63-127	1	25	
64-17-5	Ethanol	530	468	459	**88**	**87**	59-125	1	25	
67-64-1	Acetone	435	411	398	**94**	**91**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	33.6	33.0	**93**	**91**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	153	143	**92**	**86**	52-125	7	25	
75-09-2	Methylene Chloride	59.9	57.3	56.2	**96**	**94**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.9	25.5	**93**	**91**	66-126	2	25	
75-15-0	Carbon Disulfide	137	135	132	**99**	**96**	57-134	3	25	
75-34-3	1,1-Dichloroethane	52.4	49.4	48.3	**94**	**92**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	148	145	**106**	**104**	67-130	2	25	
141-78-6	Ethyl Acetate	117	158	155	**135**	**132**	65-128	2	25	**L**
110-54-3	n-Hexane	60.2	53.0	51.7	**88**	**86**	63-120	2	25	
67-66-3	Chloroform	43.8	40.6	39.8	**93**	**91**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	129	127	**95**	**93**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	48.7	47.9	**95**	**93**	65-128	2	25	
71-43-2	Benzene	63.9	60.3	59.5	**94**	**93**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	31.9	31.5	**96**	**94**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	117	114	**97**	**94**	70-117	3	25	
75-27-4	Bromodichloromethane	31.4	31.3	30.9	**100**	**98**	72-128	2	25	
79-01-6	Trichloroethene	38.3	36.4	36.1	**95**	**94**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	59.3	58.7	**103**	**102**	71-122	1	25	
142-82-5	n-Heptane	51.3	49.5	48.7	**96**	**95**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	108	106	**106**	**104**	67-130	2	25	
108-88-3	Toluene	54.7	50.4	50.1	**92**	**92**	66-119	0	25	
591-78-6	2-Hexanone	98.7	102	101	**103**	**102**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	25.0	24.9	**101**	**101**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	26.4	26.5	**97**	**98**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	28.5	28.4	**94**	**93**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	44.5	44.4	**94**	**94**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	88.5	88.3	**93**	**93**	61-134	0	25	
75-25-2	Bromoform	20.1	21.3	21.4	**106**	**106**	66-139	0	25	
100-42-5	Styrene	48.4	48.3	48.3	**100**	**100**	73-127	0	25	
95-47-6	o-Xylene	47.4	44.2	43.9	**93**	**93**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	40.2	40.0	**96**	**95**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.3	39.9	**97**	**96**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	57.8	57.4	**111**	**110**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	45.3	45.2	**120**	**120**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	129	122	**106**	**100**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.1	37.5	**92**	**88**	59-128	4	25	
74-87-3	Chloromethane	99.8	89.3	85.3	**89**	**85**	59-132	5	25	
75-01-4	Vinyl Chloride	81.4	76.2	72.0	**94**	**88**	64-127	7	25	
106-99-0	1,3-Butadiene	95.0	98.7	94.0	**104**	**99**	66-134	5	25	
75-00-3	Chloroethane	77.3	73.5	71.4	**95**	**92**	63-127	3	25	
64-17-5	Ethanol	530	464	450	**88**	**85**	59-125	3	25	
67-64-1	Acetone	435	403	385	**93**	**89**	58-128	4	25	
75-69-4	Trichlorofluoromethane	36.3	33.4	32.3	**92**	**89**	62-126	3	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	155	149	**93**	**90**	52-125	3	25	
75-09-2	Methylene Chloride	59.9	56.4	54.8	**94**	**91**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.5	24.9	**91**	**89**	66-126	2	25	
75-15-0	Carbon Disulfide	137	133	129	**97**	**94**	57-134	3	25	
75-34-3	1,1-Dichloroethane	52.4	48.8	47.3	**93**	**90**	68-126	3	25	
78-93-3	2-Butanone (MEK)	140	145	141	**104**	**101**	67-130	3	25	
141-78-6	Ethyl Acetate	117	157	152	**134**	**130**	65-128	3	25	**L**
110-54-3	n-Hexane	60.2	52.4	50.6	**87**	**84**	63-120	4	25	
67-66-3	Chloroform	43.8	40.1	39.0	**92**	**89**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	136	127	124	**93**	**91**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	48.5	47.2	**94**	**92**	65-128	2	25	
71-43-2	Benzene	63.9	59.6	58.3	**93**	**91**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	31.8	31.1	**95**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	115	112	**95**	**93**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	31.0	30.4	**99**	**97**	72-128	2	25	
79-01-6	Trichloroethene	38.3	36.1	35.3	**94**	**92**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	58.8	57.6	**102**	**100**	71-122	2	25	
142-82-5	n-Heptane	51.3	49.0	47.7	**96**	**93**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	102	107	104	**105**	**102**	67-130	3	25	
108-88-3	Toluene	54.7	49.1	48.9	**90**	**89**	66-119	1	25	
591-78-6	2-Hexanone	98.7	100	99.1	**101**	**100**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.5	24.3	**99**	**98**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	25.9	25.7	**96**	**95**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	27.8	27.7	**91**	**91**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	43.5	43.2	**92**	**91**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	86.3	86.1	**91**	**91**	61-134	0	25	
75-25-2	Bromoform	20.1	20.8	20.8	**103**	**103**	66-139	0	25	
100-42-5	Styrene	48.4	47.0	47.0	**97**	**97**	73-127	0	25	
95-47-6	o-Xylene	47.4	43.2	42.8	**91**	**90**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.2	38.9	**94**	**93**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.4	39.0	**95**	**94**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	56.2	56.1	**107**	**107**	55-142	0	25	
91-20-3	Naphthalene	37.8	43.9	44.1	**116**	**117**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020DUP

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

Compound	Sample Result ppbV	**Duplicate Sample Result** ppbV	Average ppbV	**% RPD**	RPD Limit	**Data Qualifier**
Propene	3,900	3,900	3900	**0**	25	
Dichlorodifluoromethane (CFC 12)	120	120	120	**0**	25	**J**
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	120	120	120	**0**	25	**J**
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	20,000	20,000	20000	**0**	25	
Chloroform	ND	ND	-	-	25	
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	12,000	12,000	12000	**0**	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020DUP

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	25,000	25,000	25000	**0**	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	17,000	18,000	17500	**6**	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	18,000	19,000	18500	**5**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	22	23	22.5	**4**	25	**J**
Tetrachloroethene	28	28	28	**0**	25	**J**
Ethylbenzene	1,100	1,200	1150	**9**	25	
m,p-Xylenes	4,500	4,700	4600	**4**	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	1,800	1,900	1850	**5**	25	
1,3,5-Trimethylbenzene	760	800	780	**5**	25	
1,2,4-Trimethylbenzene	840	890	865	**6**	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	6,400	6,700	6550	**5**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00980

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.57

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.82**	2.4	1.4	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.4	1.4	0.39	**J**
74-87-3	Chloromethane	1.4	2.4	1.4	0.39	**U**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.4	1.4	0.40	**U**
75-00-3	Chloroethane	1.4	2.4	1.4	0.30	**U**
64-17-5	Ethanol	**14**	24	3.8	1.7	**J, B**
67-64-1	Acetone	**14**	24	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**1.2**	2.3	1.4	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.5	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.4	2.4	1.4	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**6.3**	2.4	0.77	0.34	
75-15-0	Carbon Disulfide	2.4	4.5	2.4	0.72	**U**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**3.2**	4.5	1.4	0.50	**J**
141-78-6	Ethyl Acetate	**4.0**	4.5	2.9	1.3	**J**
110-54-3	n-Hexane	1.4	2.4	1.4	0.50	**U**
67-66-3	Chloroform	0.77	2.4	0.77	0.32	**U**
109-99-9	Tetrahydrofuran (THF)	0.77	4.5	0.77	0.30	**U**
107-06-2	1,2-Dichloroethane	0.77	2.4	0.77	0.27	**U**
71-43-2	Benzene	**0.40**	2.4	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	0.77	2.3	0.77	0.33	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00980

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.57

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.68	**U**
75-27-4	Bromodichloromethane	0.77	2.4	0.77	0.35	**U**
79-01-6	Trichloroethene	**0.34**	2.3	0.77	0.33	**J**
123-91-1	1,4-Dioxane	0.77	2.4	0.77	0.29	**U**
142-82-5	n-Heptane	1.4	2.4	1.4	0.38	**U**
108-10-1	4-Methyl-2-pentanone	0.77	4.5	0.77	0.33	**U**
108-88-3	Toluene	**1.0**	2.4	0.77	0.29	**J**
591-78-6	2-Hexanone	**0.49**	4.5	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.4	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.4	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**0.68**	2.4	0.77	0.31	**J**
100-41-4	Ethylbenzene	0.77	2.4	0.77	0.34	**U**
179601-23-1	m,p-Xylenes	**0.67**	4.5	1.5	0.63	**J**
75-25-2	Bromoform	1.4	2.4	1.4	0.50	**U**
100-42-5	Styrene	1.4	2.4	1.4	0.39	**U**
95-47-6	o-Xylene	0.77	2.4	0.77	0.35	**U**
108-67-8	1,3,5-Trimethylbenzene	0.77	2.4	0.77	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	0.77	2.4	0.77	0.33	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	**0.67**	4.5	1.5	0.63	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00882

Initial Pressure (psig): -3.30 Final Pressure (psig): 6.06

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.71**	2.4	1.5	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**3.8**	24	3.8	1.7	**J, B**
67-64-1	Acetone	12	24	12	5.5	**U**
75-69-4	Trichlorofluoromethane	**1.9**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.6	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**23**	2.4	0.77	0.35	
75-15-0	Carbon Disulfide	**0.98**	4.6	2.5	0.73	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	1.5	4.6	1.5	0.50	**U**
141-78-6	Ethyl Acetate	**3.7**	4.6	3.0	1.3	**J**
110-54-3	n-Hexane	1.5	2.4	1.5	0.50	**U**
67-66-3	Chloroform	0.77	2.4	0.77	0.32	**U**
109-99-9	Tetrahydrofuran (THF)	0.77	4.6	0.77	0.30	**U**
107-06-2	1,2-Dichloroethane	0.77	2.4	0.77	0.27	**U**
71-43-2	Benzene	**0.46**	2.4	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	**0.97**	2.3	0.77	0.34	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00882

Initial Pressure (psig): -3.30 Final Pressure (psig): 6.06

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.6	1.5	0.68	**U**
75-27-4	Bromodichloromethane	0.77	2.4	0.77	0.35	**U**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.33	**U**
123-91-1	1,4-Dioxane	0.77	2.4	0.77	0.29	**U**
142-82-5	n-Heptane	1.5	2.4	1.5	0.39	**U**
108-10-1	4-Methyl-2-pentanone	0.77	4.6	0.77	0.33	**U**
108-88-3	Toluene	**1.1**	2.4	0.77	0.30	**J**
591-78-6	2-Hexanone	0.77	4.6	0.77	0.30	**U**
124-48-1	Dibromochloromethane	0.77	2.4	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.4	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**0.38**	2.4	0.77	0.31	**J**
100-41-4	Ethylbenzene	0.77	2.4	0.77	0.34	**U**
179601-23-1	m,p-Xylenes	**0.82**	4.6	1.5	0.64	**J**
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	0.77	2.4	0.77	0.35	**U**
108-67-8	1,3,5-Trimethylbenzene	0.77	2.4	0.77	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.38**	2.4	0.77	0.34	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	**0.82**	4.6	1.5	0.64	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00529

Initial Pressure (psig): -2.96 Final Pressure (psig): 11.48

Container Dilution Factor: 2.23

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8.0**	2.9	1.8	0.72	
75-71-8	Dichlorodifluoromethane (CFC 12)	**48**	2.9	1.8	0.49	
74-87-3	Chloromethane	1.8	2.9	1.8	0.48	**U**
75-01-4	Vinyl Chloride	0.95	3.0	0.95	0.32	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.49	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.37	**U**
64-17-5	Ethanol	**34**	30	4.6	2.1	**B**
67-64-1	Acetone	**8.5**	29	15	6.7	**J**
75-69-4	Trichlorofluoromethane	**4.2**	2.8	1.8	0.45	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.1**	5.6	3.5	1.2	**J**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.84	**U**
76-13-1	Trichlorotrifluoroethane	**140**	3.0	0.95	0.42	
75-15-0	Carbon Disulfide	**3.7**	5.6	3.0	0.89	**J**
75-34-3	1,1-Dichloroethane	1.8	3.0	1.8	0.43	**U**
78-93-3	2-Butanone (MEK)	**1.7**	5.6	1.8	0.61	**J**
141-78-6	Ethyl Acetate	**140**	5.6	3.6	1.6	
110-54-3	n-Hexane	1.8	2.9	1.8	0.61	**U**
67-66-3	Chloroform	**0.82**	3.0	0.95	0.40	**J**
109-99-9	Tetrahydrofuran (THF)	**1.4**	5.6	0.95	0.37	**J**
107-06-2	1,2-Dichloroethane	0.95	2.9	0.95	0.33	**U**
71-43-2	Benzene	**1.9**	2.9	0.95	0.43	**J**
56-23-5	Carbon Tetrachloride	**23**	2.8	0.95	0.41	

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B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00529

Initial Pressure (psig): -2.96 Final Pressure (psig): 11.48

Container Dilution Factor: 2.23

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.6	1.9	0.84	**U**
75-27-4	Bromodichloromethane	0.95	2.9	0.95	0.43	**U**
79-01-6	Trichloroethene	**180**	2.8	0.95	0.40	
123-91-1	1,4-Dioxane	0.95	2.9	0.95	0.35	**U**
142-82-5	n-Heptane	1.8	2.9	1.8	0.47	**U**
108-10-1	4-Methyl-2-pentanone	0.95	5.6	0.95	0.41	**U**
108-88-3	Toluene	**3.4**	2.9	0.95	0.36	
591-78-6	2-Hexanone	0.95	5.6	0.95	0.37	**U**
124-48-1	Dibromochloromethane	0.95	2.9	0.95	0.39	**U**
106-93-4	1,2-Dibromoethane	0.95	2.9	0.95	0.35	**U**
127-18-4	Tetrachloroethene	**15**	2.9	0.95	0.38	
100-41-4	Ethylbenzene	0.95	2.9	0.95	0.42	**U**
179601-23-1	m,p-Xylenes	1.9	5.6	1.9	0.78	**U**
75-25-2	Bromoform	1.8	3.0	1.8	0.61	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.48	**U**
95-47-6	o-Xylene	0.95	3.0	0.95	0.43	**U**
108-67-8	1,3,5-Trimethylbenzene	0.95	3.0	0.95	0.43	**U**
95-63-6	1,2,4-Trimethylbenzene	0.95	2.9	0.95	0.41	**U**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.6	1.8	0.72	**U**
91-20-3	Naphthalene	1.7	2.9	1.7	0.72	**U**
1330-20-7	Xylenes, Total	1.9	5.6	1.9	0.78	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-004

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01289

Initial Pressure (psig): -2.04 Final Pressure (psig): 6.19

Container Dilution Factor: 1.65

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.9**	2.1	1.3	0.54	
75-71-8	Dichlorodifluoromethane (CFC 12)	**26**	2.1	1.3	0.36	
74-87-3	Chloromethane	1.3	2.1	1.3	0.35	**U**
75-01-4	Vinyl Chloride	0.70	2.2	0.70	0.24	**U**
106-99-0	1,3-Butadiene	1.3	2.1	1.3	0.36	**U**
75-00-3	Chloroethane	1.3	2.1	1.3	0.27	**U**
64-17-5	Ethanol	**24**	22	3.4	1.5	**B**
67-64-1	Acetone	11	21	11	5.0	**U**
75-69-4	Trichlorofluoromethane	**3.3**	2.1	1.3	0.33	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.4**	4.1	2.6	0.91	**J**
75-09-2	Methylene Chloride	1.3	2.1	1.3	0.62	**U**
76-13-1	Trichlorotrifluoroethane	**250**	2.2	0.70	0.31	
75-15-0	Carbon Disulfide	**2.4**	4.1	2.2	0.66	**J**
75-34-3	1,1-Dichloroethane	1.4	2.2	1.4	0.32	**U**
78-93-3	2-Butanone (MEK)	**8.7**	4.1	1.3	0.45	
141-78-6	Ethyl Acetate	2.7	4.1	2.7	1.2	**U**
110-54-3	n-Hexane	1.3	2.1	1.3	0.45	**U**
67-66-3	Chloroform	**2.6**	2.2	0.70	0.29	
109-99-9	Tetrahydrofuran (THF)	**2.3**	4.1	0.70	0.28	**J**
107-06-2	1,2-Dichloroethane	0.70	2.1	0.70	0.24	**U**
71-43-2	Benzene	**2.4**	2.1	0.70	0.32	
56-23-5	Carbon Tetrachloride	**29**	2.1	0.70	0.31	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-004

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01289

Initial Pressure (psig): -2.04 Final Pressure (psig): 6.19

Container Dilution Factor: 1.65

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.4**	4.1	1.4	0.62	**J**
75-27-4	Bromodichloromethane	0.70	2.1	0.70	0.32	**U**
79-01-6	Trichloroethene	**110**	2.1	0.70	0.30	
123-91-1	1,4-Dioxane	0.70	2.1	0.70	0.26	**U**
142-82-5	n-Heptane	1.3	2.1	1.3	0.35	**U**
108-10-1	4-Methyl-2-pentanone	0.70	4.1	0.70	0.30	**U**
108-88-3	Toluene	**1.2**	2.1	0.70	0.27	**J**
591-78-6	2-Hexanone	**0.88**	4.1	0.70	0.27	**J**
124-48-1	Dibromochloromethane	0.70	2.1	0.70	0.29	**U**
106-93-4	1,2-Dibromoethane	0.70	2.1	0.70	0.26	**U**
127-18-4	Tetrachloroethene	**13**	2.1	0.70	0.28	
100-41-4	Ethylbenzene	0.70	2.1	0.70	0.31	**U**
179601-23-1	m,p-Xylenes	**0.87**	4.1	1.4	0.58	**J**
75-25-2	Bromoform	1.3	2.2	1.3	0.45	**U**
100-42-5	Styrene	1.3	2.1	1.3	0.35	**U**
95-47-6	o-Xylene	**0.33**	2.2	0.70	0.32	**J**
108-67-8	1,3,5-Trimethylbenzene	0.70	2.2	0.70	0.32	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.55**	2.1	0.70	0.31	**J**
120-82-1	1,2,4-Trichlorobenzene	1.3	4.1	1.3	0.54	**U**
91-20-3	Naphthalene	**0.77**	2.1	1.3	0.54	**J**
1330-20-7	Xylenes, Total	**1.2**	4.1	1.4	0.58	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-005

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01199

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.82

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8.1**	2.8	1.7	0.71	
75-71-8	Dichlorodifluoromethane (CFC 12)	**15**	2.8	1.7	0.47	
74-87-3	Chloromethane	1.7	2.8	1.7	0.47	**U**
75-01-4	Vinyl Chloride	0.93	2.9	0.93	0.31	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**21**	29	4.5	2.0	**J, B**
67-64-1	Acetone	15	28	15	6.5	**U**
75-69-4	Trichlorofluoromethane	**1.7**	2.8	1.7	0.44	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**9.9**	5.5	3.4	1.2	
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.82	**U**
76-13-1	Trichlorotrifluoroethane	**240**	2.9	0.93	0.41	
75-15-0	Carbon Disulfide	**9.4**	5.5	2.9	0.87	
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.43	**U**
78-93-3	2-Butanone (MEK)	**8.1**	5.5	1.7	0.60	
141-78-6	Ethyl Acetate	3.5	5.5	3.5	1.5	**U**
110-54-3	n-Hexane	**0.66**	2.8	1.7	0.60	**J**
67-66-3	Chloroform	**2.0**	2.9	0.93	0.39	**J**
109-99-9	Tetrahydrofuran (THF)	**9.0**	5.5	0.93	0.37	
107-06-2	1,2-Dichloroethane	0.93	2.8	0.93	0.32	**U**
71-43-2	Benzene	**9.4**	2.8	0.93	0.42	
56-23-5	Carbon Tetrachloride	**13**	2.8	0.93	0.40	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-005

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01199

Initial Pressure (psig): -4.81 Final Pressure (psig): 6.82

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**6.3**	5.5	1.9	0.82	
75-27-4	Bromodichloromethane	0.93	2.8	0.93	0.42	**U**
79-01-6	Trichloroethene	**120**	2.8	0.93	0.39	
123-91-1	1,4-Dioxane	0.93	2.8	0.93	0.34	**U**
142-82-5	n-Heptane	1.7	2.8	1.7	0.46	**U**
108-10-1	4-Methyl-2-pentanone	0.93	5.5	0.93	0.40	**U**
108-88-3	Toluene	**1.4**	2.8	0.93	0.35	**J**
591-78-6	2-Hexanone	**0.74**	5.5	0.93	0.36	**J**
124-48-1	Dibromochloromethane	0.93	2.8	0.93	0.38	**U**
106-93-4	1,2-Dibromoethane	0.93	2.8	0.93	0.34	**U**
127-18-4	Tetrachloroethene	**5.0**	2.8	0.93	0.38	
100-41-4	Ethylbenzene	0.93	2.8	0.93	0.41	**U**
179601-23-1	m,p-Xylenes	1.9	5.5	1.9	0.76	**U**
75-25-2	Bromoform	1.7	2.9	1.7	0.60	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.47	**U**
95-47-6	o-Xylene	0.93	2.9	0.93	0.42	**U**
108-67-8	1,3,5-Trimethylbenzene	0.93	2.9	0.93	0.42	**U**
95-63-6	1,2,4-Trimethylbenzene	0.93	2.8	0.93	0.40	**U**
120-82-1	1,2,4-Trichlorobenzene	**0.84**	5.5	1.7	0.71	**J**
91-20-3	Naphthalene	1.7	2.8	1.7	0.71	**U**
1330-20-7	Xylenes, Total	1.9	5.5	1.9	0.76	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00723

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.18

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.6**	2.2	1.4	0.56	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.2	1.4	0.38	**J**
74-87-3	Chloromethane	**18**	2.2	1.4	0.37	
75-01-4	Vinyl Chloride	**8.6**	2.3	0.74	0.25	
106-99-0	1,3-Butadiene	**0.44**	2.2	1.4	0.38	**J**
75-00-3	Chloroethane	**6.7**	2.2	1.4	0.29	
64-17-5	Ethanol	**6.0**	23	3.6	1.6	**J, B**
67-64-1	Acetone	**20**	22	12	5.2	**J**
75-69-4	Trichlorofluoromethane	**0.38**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.7	4.3	2.7	0.95	**U**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.65	**U**
76-13-1	Trichlorotrifluoroethane	**23**	2.3	0.74	0.33	
75-15-0	Carbon Disulfide	**98**	4.3	2.3	0.69	
75-34-3	1,1-Dichloroethane	**5.0**	2.3	1.4	0.34	
78-93-3	2-Butanone (MEK)	**5.8**	4.3	1.4	0.48	
141-78-6	Ethyl Acetate	**58**	4.3	2.8	1.2	
110-54-3	n-Hexane	**1.2**	2.2	1.4	0.48	**J**
67-66-3	Chloroform	**0.44**	2.3	0.74	0.31	**J**
109-99-9	Tetrahydrofuran (THF)	**48**	4.3	0.74	0.29	
107-06-2	1,2-Dichloroethane	**2.8**	2.2	0.74	0.26	
71-43-2	Benzene	**6.4**	2.2	0.74	0.33	
56-23-5	Carbon Tetrachloride	**1.8**	2.2	0.74	0.32	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00723

Initial Pressure (psig): -2.07 Final Pressure (psig): 7.18

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.80**	4.3	1.5	0.65	**J**
75-27-4	Bromodichloromethane	0.74	2.2	0.74	0.33	**U**
79-01-6	Trichloroethene	**16**	2.2	0.74	0.31	
123-91-1	1,4-Dioxane	0.74	2.2	0.74	0.27	**U**
142-82-5	n-Heptane	**0.72**	2.2	1.4	0.37	**J**
108-10-1	4-Methyl-2-pentanone	**0.67**	4.3	0.74	0.32	**J**
108-88-3	Toluene	**15**	2.2	0.74	0.28	
591-78-6	2-Hexanone	**0.67**	4.3	0.74	0.29	**J**
124-48-1	Dibromochloromethane	0.74	2.2	0.74	0.30	**U**
106-93-4	1,2-Dibromoethane	0.74	2.2	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**0.93**	2.2	0.74	0.30	**J**
100-41-4	Ethylbenzene	**0.44**	2.2	0.74	0.32	**J**
179601-23-1	m,p-Xylenes	**1.6**	4.3	1.5	0.61	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**0.49**	2.3	0.74	0.33	**J**
108-67-8	1,3,5-Trimethylbenzene	0.74	2.3	0.74	0.33	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.39**	2.2	0.74	0.32	**J**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	1.3	2.2	1.3	0.56	**U**
1330-20-7	Xylenes, Total	**2.1**	4.3	1.5	0.61	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00653

Initial Pressure (psig): -4.31 Final Pressure (psig): 5.66

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.8**	2.5	1.6	0.64	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.8**	2.5	1.6	0.43	
74-87-3	Chloromethane	**14**	2.5	1.6	0.42	
75-01-4	Vinyl Chloride	**7.9**	2.6	0.83	0.28	
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	**6.0**	2.5	1.6	0.32	
64-17-5	Ethanol	**44**	26	4.1	1.8	**B**
67-64-1	Acetone	**30**	25	13	5.9	
75-69-4	Trichlorofluoromethane	**0.71**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	4.9	3.1	1.1	**U**
75-09-2	Methylene Chloride	**1.6**	2.5	1.6	0.74	**J**
76-13-1	Trichlorotrifluoroethane	**21**	2.6	0.83	0.37	
75-15-0	Carbon Disulfide	**91**	4.9	2.6	0.78	
75-34-3	1,1-Dichloroethane	**4.6**	2.6	1.6	0.38	
78-93-3	2-Butanone (MEK)	**3.6**	4.9	1.6	0.54	**J**
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	**1.4**	2.5	1.6	0.54	**J**
67-66-3	Chloroform	**0.47**	2.6	0.83	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**30**	4.9	0.83	0.33	
107-06-2	1,2-Dichloroethane	**2.6**	2.5	0.83	0.29	
71-43-2	Benzene	**6.1**	2.5	0.83	0.38	
56-23-5	Carbon Tetrachloride	**1.3**	2.5	0.83	0.36	**J**

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B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV109-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00653

Initial Pressure (psig): -4.31 Final Pressure (psig): 5.66

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.83	2.5	0.83	0.38	**U**
79-01-6	Trichloroethene	**13**	2.5	0.83	0.35	
123-91-1	1,4-Dioxane	0.83	2.5	0.83	0.31	**U**
142-82-5	n-Heptane	**0.88**	2.5	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	**0.56**	4.9	0.83	0.36	**J**
108-88-3	Toluene	**14**	2.5	0.83	0.32	
591-78-6	2-Hexanone	**0.57**	4.9	0.83	0.32	**J**
124-48-1	Dibromochloromethane	0.83	2.5	0.83	0.34	**U**
106-93-4	1,2-Dibromoethane	0.83	2.5	0.83	0.30	**U**
127-18-4	Tetrachloroethene	**0.98**	2.5	0.83	0.34	**J**
100-41-4	Ethylbenzene	**0.61**	2.5	0.83	0.37	**J**
179601-23-1	m,p-Xylenes	**2.3**	4.9	1.7	0.69	**J**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	**0.77**	2.6	0.83	0.38	**J**
108-67-8	1,3,5-Trimethylbenzene	0.83	2.6	0.83	0.38	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.56**	2.5	0.83	0.36	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.64	**U**
1330-20-7	Xylenes, Total	**3.1**	4.9	1.7	0.69	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00406

Initial Pressure (psig): -4.57 Final Pressure (psig): 5.99

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.3**	2.7	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.2**	2.7	1.6	0.44	
74-87-3	Chloromethane	1.6	2.7	1.6	0.44	**U**
75-01-4	Vinyl Chloride	0.87	2.7	0.87	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.7	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	**U**
64-17-5	Ethanol	**16**	27	4.2	1.9	**J, B**
67-64-1	Acetone	**18**	27	14	6.1	**J**
75-69-4	Trichlorofluoromethane	**1.4**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.9**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.7	1.6	0.77	**U**
76-13-1	Trichlorotrifluoroethane	**9.7**	2.7	0.87	0.39	
75-15-0	Carbon Disulfide	**3.8**	5.1	2.8	0.82	**J**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**3.8**	5.1	1.6	0.56	**J**
141-78-6	Ethyl Acetate	**260**	5.1	3.3	1.4	
110-54-3	n-Hexane	1.6	2.7	1.6	0.56	**U**
67-66-3	Chloroform	0.87	2.7	0.87	0.36	**U**
109-99-9	Tetrahydrofuran (THF)	**1.5**	5.1	0.87	0.34	**J**
107-06-2	1,2-Dichloroethane	0.87	2.7	0.87	0.30	**U**
71-43-2	Benzene	**1.1**	2.7	0.87	0.39	**J**
56-23-5	Carbon Tetrachloride	**7.4**	2.6	0.87	0.38	

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00406

Initial Pressure (psig): -4.57 Final Pressure (psig): 5.99

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.77	**U**
75-27-4	Bromodichloromethane	0.87	2.7	0.87	0.39	**U**
79-01-6	Trichloroethene	**0.86**	2.6	0.87	0.37	**J**
123-91-1	1,4-Dioxane	**0.65**	2.7	0.87	0.32	**J**
142-82-5	n-Heptane	1.6	2.7	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.87	5.1	0.87	0.37	**U**
108-88-3	Toluene	**4.7**	2.7	0.87	0.33	
591-78-6	2-Hexanone	**0.89**	5.1	0.87	0.34	**J**
124-48-1	Dibromochloromethane	0.87	2.7	0.87	0.36	**U**
106-93-4	1,2-Dibromoethane	0.87	2.7	0.87	0.32	**U**
127-18-4	Tetrachloroethene	**2.1**	2.7	0.87	0.35	**J**
100-41-4	Ethylbenzene	0.87	2.7	0.87	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.1	1.7	0.71	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.7	1.6	0.44	**U**
95-47-6	o-Xylene	0.87	2.7	0.87	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.87	2.7	0.87	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.87	2.7	0.87	0.38	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.66	**U**
1330-20-7	Xylenes, Total	1.7	5.1	1.7	0.71	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00586

Initial Pressure (psig): -1.94 Final Pressure (psig): 7.17

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.5**	2.2	1.4	0.56	
75-71-8	Dichlorodifluoromethane (CFC 12)	**13**	2.2	1.4	0.37	
74-87-3	Chloromethane	**0.82**	2.2	1.4	0.37	**J**
75-01-4	Vinyl Chloride	0.73	2.3	0.73	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**24**	23	3.5	1.6	**B**
67-64-1	Acetone	**29**	22	12	5.1	
75-69-4	Trichlorofluoromethane	**2.3**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	**8.5**	4.3	2.7	0.94	
75-09-2	Methylene Chloride	**1.6**	2.2	1.4	0.64	**J**
76-13-1	Trichlorotrifluoroethane	**34**	2.3	0.73	0.32	
75-15-0	Carbon Disulfide	**8.7**	4.3	2.3	0.68	
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**4.3**	4.3	1.4	0.47	
141-78-6	Ethyl Acetate	**250**	4.3	2.8	1.2	
110-54-3	n-Hexane	**1.4**	2.2	1.4	0.47	**J**
67-66-3	Chloroform	**0.48**	2.3	0.73	0.30	**J**
109-99-9	Tetrahydrofuran (THF)	**2.6**	4.3	0.73	0.29	**J**
107-06-2	1,2-Dichloroethane	0.73	2.2	0.73	0.25	**U**
71-43-2	Benzene	**1.2**	2.2	0.73	0.33	**J**
56-23-5	Carbon Tetrachloride	**23**	2.2	0.73	0.32	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00586

Initial Pressure (psig): -1.94 Final Pressure (psig): 7.17

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.5**	4.3	1.5	0.64	**J**
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	0.73	2.2	0.73	0.31	**U**
123-91-1	1,4-Dioxane	0.73	2.2	0.73	0.27	**U**
142-82-5	n-Heptane	**0.62**	2.2	1.4	0.36	**J**
108-10-1	4-Methyl-2-pentanone	**0.41**	4.3	0.73	0.31	**J**
108-88-3	Toluene	**6.2**	2.2	0.73	0.28	
591-78-6	2-Hexanone	**1.0**	4.3	0.73	0.28	**J**
124-48-1	Dibromochloromethane	0.73	2.2	0.73	0.30	**U**
106-93-4	1,2-Dibromoethane	0.73	2.2	0.73	0.27	**U**
127-18-4	Tetrachloroethene	**3.0**	2.2	0.73	0.29	
100-41-4	Ethylbenzene	0.73	2.2	0.73	0.32	**U**
179601-23-1	m,p-Xylenes	**0.74**	4.3	1.5	0.60	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	0.73	2.3	0.73	0.33	**U**
108-67-8	1,3,5-Trimethylbenzene	0.73	2.3	0.73	0.33	**U**
95-63-6	1,2,4-Trimethylbenzene	0.73	2.2	0.73	0.32	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	1.3	2.2	1.3	0.56	**U**
1330-20-7	Xylenes, Total	**0.74**	4.3	1.5	0.60	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00618

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.88

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3,500**	1,100	680	270	
75-71-8	Dichlorodifluoromethane (CFC 12)	680	1,100	680	180	**U**
74-87-3	Chloromethane	680	1,100	680	180	**U**
75-01-4	Vinyl Chloride	360	1,100	360	120	**U**
106-99-0	1,3-Butadiene	680	1,100	680	190	**U**
75-00-3	Chloroethane	680	1,100	680	140	**U**
64-17-5	Ethanol	**1,900**	11,000	1,800	780	**J, B**
67-64-1	Acetone	5,700	11,000	5,700	2,500	**U**
75-69-4	Trichlorofluoromethane	680	1,100	680	170	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,300	2,100	1,300	460	**U**
75-09-2	Methylene Chloride	680	1,100	680	320	**U**
76-13-1	Trichlorotrifluoroethane	360	1,100	360	160	**U**
75-15-0	Carbon Disulfide	1,100	2,100	1,100	340	**U**
75-34-3	1,1-Dichloroethane	700	1,100	700	160	**U**
78-93-3	2-Butanone (MEK)	680	2,100	680	230	**U**
141-78-6	Ethyl Acetate	1,400	2,100	1,400	590	**U**
110-54-3	n-Hexane	**150,000**	1,100	680	230	
67-66-3	Chloroform	360	1,100	360	150	**U**
109-99-9	Tetrahydrofuran (THF)	360	2,100	360	140	**U**
107-06-2	1,2-Dichloroethane	360	1,100	360	120	**U**
71-43-2	Benzene	**6,700**	1,100	360	160	
56-23-5	Carbon Tetrachloride	360	1,100	360	160	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00080 Liter(s)
Test Notes:
Container ID: 1SC00618

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.88

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**230,000**	2,100	720	320	
75-27-4	Bromodichloromethane	360	1,100	360	160	**U**
79-01-6	Trichloroethene	**180**	1,100	360	150	**J**
123-91-1	1,4-Dioxane	360	1,100	360	130	**U**
142-82-5	n-Heptane	**34,000**	1,100	680	180	
108-10-1	4-Methyl-2-pentanone	360	2,100	360	150	**U**
108-88-3	Toluene	**640**	1,100	360	140	**J**
591-78-6	2-Hexanone	360	2,100	360	140	**U**
124-48-1	Dibromochloromethane	360	1,100	360	150	**U**
106-93-4	1,2-Dibromoethane	360	1,100	360	130	**U**
127-18-4	Tetrachloroethene	**430**	1,100	360	150	**J**
100-41-4	Ethylbenzene	360	1,100	360	160	**U**
179601-23-1	m,p-Xylenes	720	2,100	720	300	**U**
75-25-2	Bromoform	680	1,100	680	230	**U**
100-42-5	Styrene	680	1,100	680	180	**U**
95-47-6	o-Xylene	**350**	1,100	360	160	**J**
108-67-8	1,3,5-Trimethylbenzene	360	1,100	360	160	**U**
95-63-6	1,2,4-Trimethylbenzene	360	1,100	360	160	**U**
120-82-1	1,2,4-Trichlorobenzene	680	2,100	680	270	**U**
91-20-3	Naphthalene	650	1,100	650	270	**U**
1330-20-7	Xylenes, Total	**350**	2,100	720	300	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000080 Liter(s)
Test Notes:
Container ID: 1SS01298

Initial Pressure (psig): 0.05 Final Pressure (psig): 5.38

Container Dilution Factor: 1.36

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**10,000**	8,800	5,400	2,200	
75-71-8	Dichlorodifluoromethane (CFC 12)	5,400	8,800	5,400	1,500	**U**
74-87-3	Chloromethane	5,400	8,800	5,400	1,500	**U**
75-01-4	Vinyl Chloride	2,900	9,000	2,900	970	**U**
106-99-0	1,3-Butadiene	5,400	8,800	5,400	1,500	**U**
75-00-3	Chloroethane	5,400	8,800	5,400	1,100	**U**
64-17-5	Ethanol	**9,000**	90,000	14,000	6,300	**J**
67-64-1	Acetone	46,000	88,000	46,000	20,000	**U**
75-69-4	Trichlorofluoromethane	5,400	8,700	5,400	1,400	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	11,000	17,000	11,000	3,700	**U**
75-09-2	Methylene Chloride	5,400	8,800	5,400	2,600	**U**
76-13-1	Trichlorotrifluoroethane	2,900	9,000	2,900	1,300	**U**
75-15-0	Carbon Disulfide	9,200	17,000	9,200	2,700	**U**
75-34-3	1,1-Dichloroethane	5,600	9,200	5,600	1,300	**U**
78-93-3	2-Butanone (MEK)	5,400	17,000	5,400	1,900	**U**
141-78-6	Ethyl Acetate	11,000	17,000	11,000	4,800	**U**
110-54-3	n-Hexane	**1,500,000**	8,800	5,400	1,900	
67-66-3	Chloroform	2,900	9,000	2,900	1,200	**U**
109-99-9	Tetrahydrofuran (THF)	2,900	17,000	2,900	1,100	**U**
107-06-2	1,2-Dichloroethane	2,900	8,800	2,900	1,000	**U**
71-43-2	Benzene	**93,000**	8,800	2,900	1,300	
56-23-5	Carbon Tetrachloride	2,900	8,700	2,900	1,300	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000080 Liter(s)
Test Notes:
Container ID: 1SS01298

Initial Pressure (psig): 0.05 Final Pressure (psig): 5.38

Container Dilution Factor: 1.36

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,200,000**		17,000	5,800	2,600	
75-27-4	Bromodichloromethane		2,900	8,800	2,900	1,300	**U**
79-01-6	Trichloroethene		2,900	8,700	2,900	1,200	**U**
123-91-1	1,4-Dioxane		2,900	8,800	2,900	1,100	**U**
142-82-5	n-Heptane	**1,200,000**		8,800	5,400	1,400	
108-10-1	4-Methyl-2-pentanone		2,900	17,000	2,900	1,200	**U**
108-88-3	Toluene	**69,000**		8,800	2,900	1,100	
591-78-6	2-Hexanone		2,900	17,000	2,900	1,100	**U**
124-48-1	Dibromochloromethane		2,900	8,800	2,900	1,200	**U**
106-93-4	1,2-Dibromoethane		2,900	8,800	2,900	1,100	**U**
127-18-4	Tetrachloroethene	**2,700**		8,800	2,900	1,200	**J**
100-41-4	Ethylbenzene		2,900	8,800	2,900	1,300	**U**
179601-23-1	m,p-Xylenes	**15,000**		17,000	5,800	2,400	**J**
75-25-2	Bromoform		5,400	9,000	5,400	1,900	**U**
100-42-5	Styrene		5,400	8,800	5,400	1,500	**U**
95-47-6	o-Xylene	**4,900**		9,000	2,900	1,300	**J**
108-67-8	1,3,5-Trimethylbenzene		2,900	9,000	2,900	1,300	**U**
95-63-6	1,2,4-Trimethylbenzene		2,900	8,800	2,900	1,300	**U**
120-82-1	1,2,4-Trichlorobenzene		5,400	17,000	5,400	2,200	**U**
91-20-3	Naphthalene		5,300	8,800	5,300	2,200	**U**
1330-20-7	Xylenes, Total	**20,000**		17,000	5,800	2,400	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-012

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01277

Initial Pressure (psig): -2.67 Final Pressure (psig): 6.37

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8,200**	6,100	3,700	1,500	
75-71-8	Dichlorodifluoromethane (CFC 12)	3,700	6,100	3,700	1,000	**U**
74-87-3	Chloromethane	3,700	6,100	3,700	1,000	**U**
75-01-4	Vinyl Chloride	2,000	6,200	2,000	670	**U**
106-99-0	1,3-Butadiene	3,700	6,100	3,700	1,000	**U**
75-00-3	Chloroethane	3,700	6,100	3,700	770	**U**
64-17-5	Ethanol	9,700	62,000	9,700	4,300	**U**
67-64-1	Acetone	32,000	61,000	32,000	14,000	**U**
75-69-4	Trichlorofluoromethane	3,700	6,000	3,700	950	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	7,400	12,000	7,400	2,600	**U**
75-09-2	Methylene Chloride	3,700	6,100	3,700	1,800	**U**
76-13-1	Trichlorotrifluoroethane	2,000	6,200	2,000	890	**U**
75-15-0	Carbon Disulfide	6,300	12,000	6,300	1,900	**U**
75-34-3	1,1-Dichloroethane	3,900	6,300	3,900	910	**U**
78-93-3	2-Butanone (MEK)	3,700	12,000	3,700	1,300	**U**
141-78-6	Ethyl Acetate	7,600	12,000	7,600	3,300	**U**
110-54-3	n-Hexane	**1,200,000**	6,100	3,700	1,300	
67-66-3	Chloroform	2,000	6,200	2,000	830	**U**
109-99-9	Tetrahydrofuran (THF)	2,000	12,000	2,000	780	**U**
107-06-2	1,2-Dichloroethane	2,000	6,100	2,000	690	**U**
71-43-2	Benzene	**80,000**	6,100	2,000	900	
56-23-5	Carbon Tetrachloride	2,000	6,000	2,000	860	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-250-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-012

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01277

Initial Pressure (psig): -2.67 Final Pressure (psig): 6.37

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,000,000**		12,000	4,000	1,800	
75-27-4	Bromodichloromethane		2,000	6,100	2,000	900	**U**
79-01-6	Trichloroethene		2,000	6,000	2,000	840	**U**
123-91-1	1,4-Dioxane		2,000	6,100	2,000	740	**U**
142-82-5	n-Heptane	**1,000,000**		6,100	3,700	990	
108-10-1	4-Methyl-2-pentanone		2,000	12,000	2,000	850	**U**
108-88-3	Toluene	**60,000**		6,100	2,000	760	
591-78-6	2-Hexanone		2,000	12,000	2,000	770	**U**
124-48-1	Dibromochloromethane		2,000	6,100	2,000	820	**U**
106-93-4	1,2-Dibromoethane		2,000	6,100	2,000	720	**U**
127-18-4	Tetrachloroethene	**1,900**		6,100	2,000	810	**J**
100-41-4	Ethylbenzene		2,000	6,100	2,000	880	**U**
179601-23-1	m,p-Xylenes	**13,000**		12,000	4,000	1,600	
75-25-2	Bromoform		3,700	6,200	3,700	1,300	**U**
100-42-5	Styrene		3,700	6,100	3,700	1,000	**U**
95-47-6	o-Xylene	**4,600**		6,200	2,000	900	**J**
108-67-8	1,3,5-Trimethylbenzene		2,000	6,200	2,000	900	**U**
95-63-6	1,2,4-Trimethylbenzene		2,000	6,100	2,000	860	**U**
120-82-1	1,2,4-Trichlorobenzene		3,700	12,000	3,700	1,500	**U**
91-20-3	Naphthalene		3,600	6,100	3,600	1,500	**U**
1330-20-7	Xylenes, Total	**18,000**		12,000	4,000	1,600	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-013

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01294

Initial Pressure (psig): -4.17 Final Pressure (psig): 7.55

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1,700**	730	450	180	
75-71-8	Dichlorodifluoromethane (CFC 12)	**330**	730	450	120	**J**
74-87-3	Chloromethane	450	730	450	120	**U**
75-01-4	Vinyl Chloride	240	750	240	80	**U**
106-99-0	1,3-Butadiene	450	730	450	120	**U**
75-00-3	Chloroethane	450	730	450	93	**U**
64-17-5	Ethanol	1,200	7,500	1,200	520	**U**
67-64-1	Acetone	3,800	7,300	3,800	1,700	**U**
75-69-4	Trichlorofluoromethane	450	720	450	110	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	890	1,400	890	310	**U**
75-09-2	Methylene Chloride	450	730	450	210	**U**
76-13-1	Trichlorotrifluoroethane	**220**	750	240	110	**J**
75-15-0	Carbon Disulfide	760	1,400	760	230	**U**
75-34-3	1,1-Dichloroethane	460	760	460	110	**U**
78-93-3	2-Butanone (MEK)	450	1,400	450	150	**U**
141-78-6	Ethyl Acetate	910	1,400	910	390	**U**
110-54-3	n-Hexane	**100,000**	730	450	150	
67-66-3	Chloroform	240	750	240	100	**U**
109-99-9	Tetrahydrofuran (THF)	240	1,400	240	94	**U**
107-06-2	1,2-Dichloroethane	240	730	240	83	**U**
71-43-2	Benzene	240	730	240	110	**U**
56-23-5	Carbon Tetrachloride	240	720	240	100	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-013

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01294

Initial Pressure (psig): -4.17 Final Pressure (psig): 7.55

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**150,000**	1,400	480	210	
75-27-4	Bromodichloromethane	240	730	240	110	**U**
79-01-6	Trichloroethene	240	720	240	100	**U**
123-91-1	1,4-Dioxane	240	730	240	89	**U**
142-82-5	n-Heptane	**6,500**	730	450	120	
108-10-1	4-Methyl-2-pentanone	240	1,400	240	100	**U**
108-88-3	Toluene	**310**	730	240	91	**J**
591-78-6	2-Hexanone	240	1,400	240	93	**U**
124-48-1	Dibromochloromethane	240	730	240	98	**U**
106-93-4	1,2-Dibromoethane	240	730	240	87	**U**
127-18-4	Tetrachloroethene	**240**	730	240	97	**J**
100-41-4	Ethylbenzene	240	730	240	110	**U**
179601-23-1	m,p-Xylenes	480	1,400	480	200	**U**
75-25-2	Bromoform	450	750	450	150	**U**
100-42-5	Styrene	450	730	450	120	**U**
95-47-6	o-Xylene	240	750	240	110	**U**
108-67-8	1,3,5-Trimethylbenzene	240	750	240	110	**U**
95-63-6	1,2,4-Trimethylbenzene	240	730	240	100	**U**
120-82-1	1,2,4-Trichlorobenzene	450	1,400	450	180	**U**
91-20-3	Naphthalene	440	730	440	180	**U**
1330-20-7	Xylenes, Total	480	1,400	480	200	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-014

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS01309

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.18

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**190**	65	40	16	
75-71-8	Dichlorodifluoromethane (CFC 12)	**41**	65	40	11	**J**
74-87-3	Chloromethane	**44**	65	40	11	**J**
75-01-4	Vinyl Chloride	**8.2**	66	21	7.1	**J**
106-99-0	1,3-Butadiene	40	65	40	11	**U**
75-00-3	Chloroethane	40	65	40	8.2	**U**
64-17-5	Ethanol	100	660	100	46	**U**
67-64-1	Acetone	340	650	340	150	**U**
75-69-4	Trichlorofluoromethane	40	64	40	10	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	79	120	79	27	**U**
75-09-2	Methylene Chloride	40	65	40	19	**U**
76-13-1	Trichlorotrifluoroethane	**29**	66	21	9.5	**J**
75-15-0	Carbon Disulfide	**250**	120	67	20	
75-34-3	1,1-Dichloroethane	41	67	41	9.7	**U**
78-93-3	2-Butanone (MEK)	40	120	40	14	**U**
141-78-6	Ethyl Acetate	81	120	81	35	**U**
110-54-3	n-Hexane	**13,000**	190	120	41	**D**
67-66-3	Chloroform	21	66	21	8.9	**U**
109-99-9	Tetrahydrofuran (THF)	**71**	120	21	8.4	**J**
107-06-2	1,2-Dichloroethane	21	65	21	7.4	**U**
71-43-2	Benzene	**560**	65	21	9.6	
56-23-5	Carbon Tetrachloride	21	64	21	9.2	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV110-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-014

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS01309

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.18

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**11,000**	120	42	19	
75-27-4	Bromodichloromethane	21	65	21	9.6	**U**
79-01-6	Trichloroethene	21	64	21	9.0	**U**
123-91-1	1,4-Dioxane	21	65	21	7.9	**U**
142-82-5	n-Heptane	**10,000**	65	40	11	
108-10-1	4-Methyl-2-pentanone	21	120	21	9.1	**U**
108-88-3	Toluene	**840**	65	21	8.1	
591-78-6	2-Hexanone	21	120	21	8.2	**U**
124-48-1	Dibromochloromethane	21	65	21	8.7	**U**
106-93-4	1,2-Dibromoethane	21	65	21	7.7	**U**
127-18-4	Tetrachloroethene	21	65	21	8.6	**U**
100-41-4	Ethylbenzene	**34**	65	21	9.4	**J**
179601-23-1	m,p-Xylenes	**150**	120	42	17	
75-25-2	Bromoform	40	66	40	14	**U**
100-42-5	Styrene	40	65	40	11	**U**
95-47-6	o-Xylene	**32**	66	21	9.6	**J**
108-67-8	1,3,5-Trimethylbenzene	21	66	21	9.6	**U**
95-63-6	1,2,4-Trimethylbenzene	21	65	21	9.2	**U**
120-82-1	1,2,4-Trichlorobenzene	40	120	40	16	**U**
91-20-3	Naphthalene	39	65	39	16	**U**
1330-20-7	Xylenes, Total	**180**	120	42	17	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-020-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-015

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01215

Initial Pressure (psig): -3.33 Final Pressure (psig): 5.66

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.69**	2.3	1.4	0.58	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.9**	2.3	1.4	0.39	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.76	2.4	0.76	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.30	**U**
64-17-5	Ethanol	**10**	24	3.7	1.7	**J, B**
67-64-1	Acetone	**10**	23	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.3	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.8	4.5	2.8	0.98	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.67	**U**
76-13-1	Trichlorotrifluoroethane	**1.5**	2.4	0.76	0.34	**J**
75-15-0	Carbon Disulfide	**1.7**	4.5	2.4	0.72	**J**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**2.7**	4.5	1.4	0.49	**J**
141-78-6	Ethyl Acetate	**1.9**	4.5	2.9	1.3	**J**
110-54-3	n-Hexane	**6.2**	2.3	1.4	0.49	
67-66-3	Chloroform	**1.2**	2.4	0.76	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**0.39**	4.5	0.76	0.30	**J**
107-06-2	1,2-Dichloroethane	0.76	2.3	0.76	0.26	**U**
71-43-2	Benzene	**0.49**	2.3	0.76	0.34	**J**
56-23-5	Carbon Tetrachloride	**2.6**	2.3	0.76	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-020-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-015

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01215

Initial Pressure (psig): -3.33 Final Pressure (psig): 5.66

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4.6**	4.5	1.5	0.67	
75-27-4	Bromodichloromethane	0.76	2.3	0.76	0.34	**U**
79-01-6	Trichloroethene	0.76	2.3	0.76	0.32	**U**
123-91-1	1,4-Dioxane	0.76	2.3	0.76	0.28	**U**
142-82-5	n-Heptane	**5.1**	2.3	1.4	0.38	
108-10-1	4-Methyl-2-pentanone	0.76	4.5	0.76	0.33	**U**
108-88-3	Toluene	**3.8**	2.3	0.76	0.29	
591-78-6	2-Hexanone	0.76	4.5	0.76	0.30	**U**
124-48-1	Dibromochloromethane	0.76	2.3	0.76	0.31	**U**
106-93-4	1,2-Dibromoethane	0.76	2.3	0.76	0.28	**U**
127-18-4	Tetrachloroethene	**1.8**	2.3	0.76	0.31	**J**
100-41-4	Ethylbenzene	**3.2**	2.3	0.76	0.34	
179601-23-1	m,p-Xylenes	**19**	4.5	1.5	0.63	
75-25-2	Bromoform	1.4	2.4	1.4	0.49	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**5.3**	2.4	0.76	0.34	
108-67-8	1,3,5-Trimethylbenzene	**6.4**	2.4	0.76	0.34	
95-63-6	1,2,4-Trimethylbenzene	**30**	2.3	0.76	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.58	**U**
91-20-3	Naphthalene	**9.5**	2.3	1.4	0.58	
1330-20-7	Xylenes, Total	**24**	4.5	1.5	0.63	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-016

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01308

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.07

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**47**	2.4	1.5	0.60	
75-71-8	Dichlorodifluoromethane (CFC 12)	**11**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**24**	25	3.9	1.7	**J, B**
67-64-1	Acetone	**11**	24	13	5.6	**J**
75-69-4	Trichlorofluoromethane	**1.5**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**150**	4.7	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.70	**U**
76-13-1	Trichlorotrifluoroethane	**3.5**	2.5	0.79	0.35	
75-15-0	Carbon Disulfide	2.5	4.7	2.5	0.74	**U**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**6.5**	4.7	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.7	3.0	1.3	**U**
110-54-3	n-Hexane	**0.71**	2.4	1.5	0.51	**J**
67-66-3	Chloroform	**31**	2.5	0.79	0.33	
109-99-9	Tetrahydrofuran (THF)	0.79	4.7	0.79	0.31	**U**
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	**U**
71-43-2	Benzene	0.79	2.4	0.79	0.36	**U**
56-23-5	Carbon Tetrachloride	**16**	2.4	0.79	0.34	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-016

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01308

Initial Pressure (psig): -3.52 Final Pressure (psig): 6.07

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.7	1.6	0.70	**U**
75-27-4	Bromodichloromethane	**2.7**	2.4	0.79	0.36	
79-01-6	Trichloroethene	0.79	2.4	0.79	0.33	**U**
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**0.52**	2.4	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.79	4.7	0.79	0.34	**U**
108-88-3	Toluene	**0.90**	2.4	0.79	0.30	**J**
591-78-6	2-Hexanone	**0.60**	4.7	0.79	0.31	**J**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.33	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**3.1**	2.4	0.79	0.32	
100-41-4	Ethylbenzene	**0.62**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**3.6**	4.7	1.6	0.65	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**1.0**	2.5	0.79	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.4**	2.5	0.79	0.36	**J**
95-63-6	1,2,4-Trimethylbenzene	**6.6**	2.4	0.79	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.60	**U**
91-20-3	Naphthalene	**2.3**	2.4	1.4	0.60	**J**
1330-20-7	Xylenes, Total	**4.6**	4.7	1.6	0.65	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-017

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01306

Initial Pressure (psig): -2.97 Final Pressure (psig): 6.54

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**120**	2.4	1.4	0.59	
75-71-8	Dichlorodifluoromethane (CFC 12)	**18**	2.4	1.4	0.39	
74-87-3	Chloromethane	1.4	2.4	1.4	0.39	**U**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.4	1.4	0.40	**U**
75-00-3	Chloroethane	1.4	2.4	1.4	0.30	**U**
64-17-5	Ethanol	**29**	24	3.8	1.7	**B**
67-64-1	Acetone	**16**	24	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**1.6**	2.3	1.4	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**480**	4.5	2.9	1.0	
75-09-2	Methylene Chloride	1.4	2.4	1.4	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**2.6**	2.4	0.77	0.34	
75-15-0	Carbon Disulfide	**13**	4.5	2.4	0.72	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**6.4**	4.5	1.4	0.50	
141-78-6	Ethyl Acetate	**1.4**	4.5	2.9	1.3	**J**
110-54-3	n-Hexane	1.4	2.4	1.4	0.50	**U**
67-66-3	Chloroform	**3.0**	2.4	0.77	0.32	
109-99-9	Tetrahydrofuran (THF)	**13**	4.5	0.77	0.30	
107-06-2	1,2-Dichloroethane	0.77	2.4	0.77	0.27	**U**
71-43-2	Benzene	**0.62**	2.4	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	**19**	2.3	0.77	0.33	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-017

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01306

Initial Pressure (psig): -2.97 Final Pressure (psig): 6.54

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.68	**U**
75-27-4	Bromodichloromethane	0.77	2.4	0.77	0.35	**U**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.33	**U**
123-91-1	1,4-Dioxane	0.77	2.4	0.77	0.29	**U**
142-82-5	n-Heptane	1.4	2.4	1.4	0.38	**U**
108-10-1	4-Methyl-2-pentanone	0.77	4.5	0.77	0.33	**U**
108-88-3	Toluene	**1.4**	2.4	0.77	0.29	**J**
591-78-6	2-Hexanone	**0.57**	4.5	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.4	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.4	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**2.2**	2.4	0.77	0.31	**J**
100-41-4	Ethylbenzene	**0.57**	2.4	0.77	0.34	**J**
179601-23-1	m,p-Xylenes	**3.2**	4.5	1.5	0.63	**J**
75-25-2	Bromoform	1.4	2.4	1.4	0.50	**U**
100-42-5	Styrene	1.4	2.4	1.4	0.39	**U**
95-47-6	o-Xylene	**0.89**	2.4	0.77	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.2**	2.4	0.77	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.3**	2.4	0.77	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.59	**U**
91-20-3	Naphthalene	**1.8**	2.4	1.4	0.59	**J**
1330-20-7	Xylenes, Total	**4.1**	4.5	1.5	0.63	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-018

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01276

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.88

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.85**	2.3	1.4	0.57	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**49**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**14**	23	3.6	1.6	**J, B**
67-64-1	Acetone	12	23	12	5.3	**U**
75-69-4	Trichlorofluoromethane	**3.6**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.0**	4.4	2.8	0.96	**J**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**4.4**	2.3	0.74	0.33	
75-15-0	Carbon Disulfide	**14**	4.4	2.4	0.70	
75-34-3	1,1-Dichloroethane	1.4	2.4	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**4.7**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.8	4.4	2.8	1.2	**U**
110-54-3	n-Hexane	**0.52**	2.3	1.4	0.48	**J**
67-66-3	Chloroform	**3.1**	2.3	0.74	0.31	
109-99-9	Tetrahydrofuran (THF)	**3.5**	4.4	0.74	0.29	**J**
107-06-2	1,2-Dichloroethane	0.74	2.3	0.74	0.26	**U**
71-43-2	Benzene	**7.4**	2.3	0.74	0.34	
56-23-5	Carbon Tetrachloride	**24**	2.2	0.74	0.32	

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ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-250-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-018

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01276

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.88

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.4	1.5	0.66	**U**
75-27-4	Bromodichloromethane	0.74	2.3	0.74	0.34	**U**
79-01-6	Trichloroethene	0.74	2.2	0.74	0.32	**U**
123-91-1	1,4-Dioxane	0.74	2.3	0.74	0.28	**U**
142-82-5	n-Heptane	**0.40**	2.3	1.4	0.37	**J**
108-10-1	4-Methyl-2-pentanone	0.74	4.4	0.74	0.32	**U**
108-88-3	Toluene	**4.0**	2.3	0.74	0.28	
591-78-6	2-Hexanone	**0.39**	4.4	0.74	0.29	**J**
124-48-1	Dibromochloromethane	0.74	2.3	0.74	0.31	**U**
106-93-4	1,2-Dibromoethane	0.74	2.3	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**0.39**	2.3	0.74	0.30	**J**
100-41-4	Ethylbenzene	**0.66**	2.3	0.74	0.33	**J**
179601-23-1	m,p-Xylenes	**2.2**	4.4	1.5	0.61	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**0.60**	2.3	0.74	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.66**	2.3	0.74	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.1**	2.3	0.74	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	**1.1**	2.3	1.4	0.57	**J**
1330-20-7	Xylenes, Total	**2.8**	4.4	1.5	0.61	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-019

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00096

Initial Pressure (psig): -2.37 Final Pressure (psig): 6.27

Container Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**720**	130	78	32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**300**	130	78	21	
74-87-3	Chloromethane	78	130	78	21	**U**
75-01-4	Vinyl Chloride	41	130	41	14	**U**
106-99-0	1,3-Butadiene	78	130	78	21	**U**
75-00-3	Chloroethane	78	130	78	16	**U**
64-17-5	Ethanol	**880**	1,300	200	90	**J**
67-64-1	Acetone	660	1,300	660	290	**U**
75-69-4	Trichlorofluoromethane	**46**	120	78	20	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	150	240	150	53	**U**
75-09-2	Methylene Chloride	**72**	130	78	36	**J**
76-13-1	Trichlorotrifluoroethane	41	130	41	18	**U**
75-15-0	Carbon Disulfide	130	240	130	39	**U**
75-34-3	1,1-Dichloroethane	80	130	80	19	**U**
78-93-3	2-Butanone (MEK)	78	240	78	27	**U**
141-78-6	Ethyl Acetate	**680**	240	160	68	
110-54-3	n-Hexane	**2,300**	130	78	27	
67-66-3	Chloroform	41	130	41	17	**U**
109-99-9	Tetrahydrofuran (THF)	41	240	41	16	**U**
107-06-2	1,2-Dichloroethane	41	130	41	14	**U**
71-43-2	Benzene	**1,700**	130	41	19	
56-23-5	Carbon Tetrachloride	41	120	41	18	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-350-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-019

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00096

Initial Pressure (psig): -2.37 Final Pressure (psig): 6.27

Container Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**8,000**	240	83	36	
75-27-4	Bromodichloromethane	41	130	41	19	**U**
79-01-6	Trichloroethene	**26**	120	41	17	**J**
123-91-1	1,4-Dioxane	41	130	41	15	**U**
142-82-5	n-Heptane	**180**	130	78	21	
108-10-1	4-Methyl-2-pentanone	41	240	41	18	**U**
108-88-3	Toluene	**1,000**	130	41	16	
591-78-6	2-Hexanone	41	240	41	16	**U**
124-48-1	Dibromochloromethane	41	130	41	17	**U**
106-93-4	1,2-Dibromoethane	41	130	41	15	**U**
127-18-4	Tetrachloroethene	**45**	130	41	17	**J**
100-41-4	Ethylbenzene	**36**	130	41	18	**J**
179601-23-1	m,p-Xylenes	**120**	240	83	34	**J**
75-25-2	Bromoform	78	130	78	27	**U**
100-42-5	Styrene	78	130	78	21	**U**
95-47-6	o-Xylene	**150**	130	41	19	
108-67-8	1,3,5-Trimethylbenzene	**81**	130	41	19	**J**
95-63-6	1,2,4-Trimethylbenzene	**24**	130	41	18	**J**
120-82-1	1,2,4-Trichlorobenzene	78	240	78	32	**U**
91-20-3	Naphthalene	75	130	75	32	**U**
1330-20-7	Xylenes, Total	**270**	240	83	34	

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RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**6,700**	640	390	160	
75-71-8	Dichlorodifluoromethane (CFC 12)	**620**	640	390	110	**J**
74-87-3	Chloromethane	390	640	390	110	**U**
75-01-4	Vinyl Chloride	210	650	210	70	**U**
106-99-0	1,3-Butadiene	390	640	390	110	**U**
75-00-3	Chloroethane	390	640	390	81	**U**
64-17-5	Ethanol	1,000	6,500	1,000	450	**U**
67-64-1	Acetone	3,300	6,400	3,300	1,500	**U**
75-69-4	Trichlorofluoromethane	390	630	390	99	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**290**	1,200	770	270	**J**
75-09-2	Methylene Chloride	390	640	390	180	**U**
76-13-1	Trichlorotrifluoroethane	210	650	210	93	**U**
75-15-0	Carbon Disulfide	660	1,200	660	200	**U**
75-34-3	1,1-Dichloroethane	400	660	400	96	**U**
78-93-3	2-Butanone (MEK)	390	1,200	390	130	**U**
141-78-6	Ethyl Acetate	800	1,200	800	340	**U**
110-54-3	n-Hexane	**70,000**	640	390	130	
67-66-3	Chloroform	210	650	210	87	**U**
109-99-9	Tetrahydrofuran (THF)	210	1,200	210	82	**U**
107-06-2	1,2-Dichloroethane	210	640	210	72	**U**
71-43-2	Benzene	**38,000**	640	210	94	
56-23-5	Carbon Tetrachloride	210	630	210	91	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**86,000**		1,200	420	180	
75-27-4	Bromodichloromethane		210	640	210	94	**U**
79-01-6	Trichloroethene		210	630	210	88	**U**
123-91-1	1,4-Dioxane		210	640	210	77	**U**
142-82-5	n-Heptane	**71,000**		640	390	100	
108-10-1	4-Methyl-2-pentanone		210	1,200	210	90	**U**
108-88-3	Toluene	**69,000**		640	210	80	
591-78-6	2-Hexanone		210	1,200	210	81	**U**
124-48-1	Dibromochloromethane		210	640	210	86	**U**
106-93-4	1,2-Dibromoethane	**170**		640	210	76	**J**
127-18-4	Tetrachloroethene	**190**		640	210	85	**J**
100-41-4	Ethylbenzene	**4,900**		640	210	92	
179601-23-1	m,p-Xylenes	**20,000**		1,200	420	170	
75-25-2	Bromoform		390	650	390	130	**U**
100-42-5	Styrene		390	640	390	110	**U**
95-47-6	o-Xylene	**8,000**		650	210	94	
108-67-8	1,3,5-Trimethylbenzene	**3,700**		650	210	94	
95-63-6	1,2,4-Trimethylbenzene	**4,100**		640	210	91	
120-82-1	1,2,4-Trichlorobenzene		390	1,200	390	160	**U**
91-20-3	Naphthalene		380	640	380	160	**U**
1330-20-7	Xylenes, Total	**28,000**		1,200	420	170	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-021

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01263

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.46

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**6.7**	2.3	1.4	0.57	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.3	1.4	0.38	**J**
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.75	2.3	0.75	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**34**	23	3.7	1.6	
67-64-1	Acetone	**19**	23	12	5.3	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.2	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**14**	4.4	2.8	0.97	
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**0.55**	2.3	0.75	0.33	**J**
75-15-0	Carbon Disulfide	**3.5**	4.4	2.4	0.70	**J**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.34	**U**
78-93-3	2-Butanone (MEK)	**10**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.9	4.4	2.9	1.2	**U**
110-54-3	n-Hexane	**1.9**	2.3	1.4	0.48	**J**
67-66-3	Chloroform	**0.86**	2.3	0.75	0.31	**J**
109-99-9	Tetrahydrofuran (THF)	0.75	4.4	0.75	0.29	**U**
107-06-2	1,2-Dichloroethane	0.75	2.3	0.75	0.26	**U**
71-43-2	Benzene	**2.5**	2.3	0.75	0.34	
56-23-5	Carbon Tetrachloride	**3.0**	2.2	0.75	0.33	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-021

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01263

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.46

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.6**	4.4	1.5	0.66	**J**
75-27-4	Bromodichloromethane	0.75	2.3	0.75	0.34	**U**
79-01-6	Trichloroethene	0.75	2.2	0.75	0.32	**U**
123-91-1	1,4-Dioxane	0.75	2.3	0.75	0.28	**U**
142-82-5	n-Heptane	**4.5**	2.3	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	**0.55**	4.4	0.75	0.32	**J**
108-88-3	Toluene	**15**	2.3	0.75	0.29	
591-78-6	2-Hexanone	0.75	4.4	0.75	0.29	**U**
124-48-1	Dibromochloromethane	0.75	2.3	0.75	0.31	**U**
106-93-4	1,2-Dibromoethane	0.75	2.3	0.75	0.27	**U**
127-18-4	Tetrachloroethene	**0.74**	2.3	0.75	0.30	**J**
100-41-4	Ethylbenzene	**3.0**	2.3	0.75	0.33	
179601-23-1	m,p-Xylenes	**17**	4.4	1.5	0.62	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**6.5**	2.3	0.75	0.34	
108-67-8	1,3,5-Trimethylbenzene	**8.5**	2.3	0.75	0.34	
95-63-6	1,2,4-Trimethylbenzene	**20**	2.3	0.75	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	**4.7**	2.3	1.4	0.57	
1330-20-7	Xylenes, Total	**24**	4.4	1.5	0.62	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-022

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01290

Initial Pressure (psig): -2.25 Final Pressure (psig): 8.67

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.4	1.5	0.41	**J**
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.80	2.5	0.80	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**28**	25	3.9	1.7	
67-64-1	Acetone	**14**	24	13	5.6	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.4**	4.7	3.0	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**0.56**	2.5	0.80	0.36	**J**
75-15-0	Carbon Disulfide	**2.0**	4.7	2.5	0.75	**J**
75-34-3	1,1-Dichloroethane	1.6	2.5	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**11**	4.7	1.5	0.52	
141-78-6	Ethyl Acetate	3.1	4.7	3.1	1.3	**U**
110-54-3	n-Hexane	**3.6**	2.4	1.5	0.52	
67-66-3	Chloroform	**0.85**	2.5	0.80	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	0.80	4.7	0.80	0.31	**U**
107-06-2	1,2-Dichloroethane	0.80	2.4	0.80	0.28	**U**
71-43-2	Benzene	**4.5**	2.4	0.80	0.36	
56-23-5	Carbon Tetrachloride	**2.9**	2.4	0.80	0.35	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-025-612** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-022

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01290

Initial Pressure (psig): -2.25 Final Pressure (psig): 8.67

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.3**	4.7	1.6	0.71	**J**
75-27-4	Bromodichloromethane	0.80	2.4	0.80	0.36	**U**
79-01-6	Trichloroethene	0.80	2.4	0.80	0.34	**U**
123-91-1	1,4-Dioxane	0.80	2.4	0.80	0.30	**U**
142-82-5	n-Heptane	**8.9**	2.4	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	0.80	4.7	0.80	0.34	**U**
108-88-3	Toluene	**27**	2.4	0.80	0.31	
591-78-6	2-Hexanone	0.80	4.7	0.80	0.31	**U**
124-48-1	Dibromochloromethane	0.80	2.4	0.80	0.33	**U**
106-93-4	1,2-Dibromoethane	0.80	2.4	0.80	0.29	**U**
127-18-4	Tetrachloroethene	**0.77**	2.4	0.80	0.32	**J**
100-41-4	Ethylbenzene	**5.4**	2.4	0.80	0.35	
179601-23-1	m,p-Xylenes	**30**	4.7	1.6	0.66	
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**10**	2.5	0.80	0.36	
108-67-8	1,3,5-Trimethylbenzene	**11**	2.5	0.80	0.36	
95-63-6	1,2,4-Trimethylbenzene	**31**	2.4	0.80	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	**8.1**	2.4	1.5	0.61	
1330-20-7	Xylenes, Total	**40**	4.7	1.6	0.66	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-023

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00834

Initial Pressure (psig): -4.98 Final Pressure (psig): 6.07

Container Dilution Factor: 2.14

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	2.8	1.7	0.70	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.8	1.7	0.47	**J**
74-87-3	Chloromethane	1.7	2.8	1.7	0.46	**U**
75-01-4	Vinyl Chloride	0.91	2.8	0.91	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.47	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.35	**U**
64-17-5	Ethanol	**7.0**	28	4.4	2.0	**J**
67-64-1	Acetone	**12**	28	14	6.4	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.7	1.7	0.43	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.4	5.4	3.4	1.2	**U**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.80	**U**
76-13-1	Trichlorotrifluoroethane	**0.59**	2.8	0.91	0.41	**J**
75-15-0	Carbon Disulfide	**1.8**	5.4	2.9	0.86	**J**
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**3.3**	5.4	1.7	0.59	**J**
141-78-6	Ethyl Acetate	**2.2**	5.4	3.5	1.5	**J**
110-54-3	n-Hexane	**3.3**	2.8	1.7	0.59	
67-66-3	Chloroform	**1.2**	2.8	0.91	0.38	**J**
109-99-9	Tetrahydrofuran (THF)	**6.7**	5.4	0.91	0.36	
107-06-2	1,2-Dichloroethane	0.91	2.8	0.91	0.32	**U**
71-43-2	Benzene	**3.8**	2.8	0.91	0.41	
56-23-5	Carbon Tetrachloride	**3.5**	2.7	0.91	0.40	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-050-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-023

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00834

Initial Pressure (psig): -4.98 Final Pressure (psig): 6.07

Container Dilution Factor: 2.14

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3.7**	5.4	1.8	0.80	**J**
75-27-4	Bromodichloromethane	0.91	2.8	0.91	0.41	**U**
79-01-6	Trichloroethene	0.91	2.7	0.91	0.39	**U**
123-91-1	1,4-Dioxane	0.91	2.8	0.91	0.34	**U**
142-82-5	n-Heptane	**9.0**	2.8	1.7	0.45	
108-10-1	4-Methyl-2-pentanone	0.91	5.4	0.91	0.39	**U**
108-88-3	Toluene	**23**	2.8	0.91	0.35	
591-78-6	2-Hexanone	0.91	5.4	0.91	0.35	**U**
124-48-1	Dibromochloromethane	0.91	2.8	0.91	0.37	**U**
106-93-4	1,2-Dibromoethane	0.91	2.8	0.91	0.33	**U**
127-18-4	Tetrachloroethene	**0.90**	2.8	0.91	0.37	**J**
100-41-4	Ethylbenzene	**4.4**	2.8	0.91	0.40	
179601-23-1	m,p-Xylenes	**24**	5.4	1.8	0.75	
75-25-2	Bromoform	1.7	2.8	1.7	0.59	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	**8.0**	2.8	0.91	0.41	
108-67-8	1,3,5-Trimethylbenzene	**9.0**	2.8	0.91	0.41	
95-63-6	1,2,4-Trimethylbenzene	**24**	2.8	0.91	0.40	
120-82-1	1,2,4-Trichlorobenzene	1.7	5.4	1.7	0.70	**U**
91-20-3	Naphthalene	**3.3**	2.8	1.7	0.70	
1330-20-7	Xylenes, Total	**32**	5.4	1.8	0.75	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-024

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00807

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.56

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.89**	2.6	1.6	0.65	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.7	0.85	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**8.5**	27	4.2	1.9	**J**
67-64-1	Acetone	**11**	26	14	6.0	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.0	3.2	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**0.64**	2.7	0.85	0.38	**J**
75-15-0	Carbon Disulfide	**7.7**	5.0	2.7	0.80	
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**1.1**	5.0	1.6	0.55	**J**
141-78-6	Ethyl Acetate	3.3	5.0	3.3	1.4	**U**
110-54-3	n-Hexane	**1.7**	2.6	1.6	0.55	**J**
67-66-3	Chloroform	**0.82**	2.7	0.85	0.36	**J**
109-99-9	Tetrahydrofuran (THF)	**2.3**	5.0	0.85	0.34	**J**
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.30	**U**
71-43-2	Benzene	**2.1**	2.6	0.85	0.39	**J**
56-23-5	Carbon Tetrachloride	**4.8**	2.6	0.85	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-150-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-024

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00807

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.56

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.2**	5.0	1.7	0.75	**J**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.39	**U**
79-01-6	Trichloroethene	**0.43**	2.6	0.85	0.36	**J**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.32	**U**
142-82-5	n-Heptane	**3.9**	2.6	1.6	0.43	
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.37	**U**
108-88-3	Toluene	**11**	2.6	0.85	0.33	
591-78-6	2-Hexanone	0.85	5.0	0.85	0.33	**U**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**0.82**	2.6	0.85	0.35	**J**
100-41-4	Ethylbenzene	**2.5**	2.6	0.85	0.38	**J**
179601-23-1	m,p-Xylenes	**14**	5.0	1.7	0.70	
75-25-2	Bromoform	1.6	2.7	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**4.2**	2.7	0.85	0.39	
108-67-8	1,3,5-Trimethylbenzene	**4.4**	2.7	0.85	0.39	
95-63-6	1,2,4-Trimethylbenzene	**15**	2.6	0.85	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	**2.0**	2.6	1.6	0.65	**J**
1330-20-7	Xylenes, Total	**18**	5.0	1.7	0.70	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	**0.38**	5.3	0.83	0.37	**J**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102025

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/13/21
Analyst: Lusine Hakobyan Date(s) Received: 4/16/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/5 - 5/6/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210505-MB	**99**	**97**	**99**	70-130	
Method Blank	P210506-MB	**99**	**95**	**99**	70-130	
Lab Control Sample	P210505-LCS	**98**	**96**	**100**	70-130	
Lab Control Sample	P210506-LCS	**98**	**95**	**101**	70-130	
Duplicate Lab Control Sample	P210505-DLCS	**97**	**97**	**101**	70-130	
Duplicate Lab Control Sample	P210506-DLCS	**98**	**96**	**101**	70-130	
SV109-025-212	P2102025-001	**102**	**94**	**97**	70-130	
SV109-050-212	P2102025-002	**103**	**93**	**96**	70-130	
SV109-150-212	P2102025-003	**103**	**94**	**95**	70-130	
SV109-250-212	P2102025-004	**105**	**92**	**93**	70-130	
SV109-350-212	P2102025-005	**104**	**93**	**93**	70-130	
SV109-450-612	P2102025-006	**104**	**91**	**91**	70-130	
SV109-450-212	P2102025-007	**104**	**91**	**91**	70-130	
SV110-025-212	P2102025-008	**106**	**91**	**91**	70-130	
SV110-050-212	P2102025-009	**109**	**91**	**90**	70-130	
SV110-150-212	P2102025-010	**102**	**92**	**99**	70-130	
SV110-250-212	P2102025-011	**98**	**95**	**103**	70-130	
SV110-250-612	P2102025-012	**98**	**94**	**103**	70-130	
SV110-350-212	P2102025-013	**98**	**94**	**102**	70-130	
SV110-450-212	P2102025-014	**107**	**89**	**92**	70-130	
SV113-020-212	P2102025-015	**106**	**92**	**92**	70-130	
SV113-050-212	P2102025-016	**103**	**93**	**94**	70-130	
SV113-150-212	P2102025-017	**103**	**93**	**95**	70-130	
SV113-250-212	P2102025-018	**101**	**93**	**97**	70-130	
SV113-350-212	P2102025-019	**98**	**94**	**102**	70-130	
SV113-450-212	P2102025-020	**97**	**93**	**101**	70-130	
SV113-450-212	P2102025-020DUP	**97**	**93**	**101**	70-130	
SV115-025-212	P2102025-021	**99**	**95**	**98**	70-130	
SV115-025-612	P2102025-022	**99**	**96**	**99**	70-130	
SV115-050-212	P2102025-023	**98**	**97**	**100**	70-130	
SV115-150-212	P2102025-024	**98**	**98**	**101**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	227	224	**108**	**107**	57-136	0.9	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	196	190	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	206	187	176	**91**	**85**	59-132	7	25	
75-01-4	Vinyl Chloride	208	197	189	**95**	**91**	64-127	4	25	
106-99-0	1,3-Butadiene	210	226	216	**108**	**103**	66-134	5	25	
75-00-3	Chloroethane	204	196	193	**96**	**95**	63-127	1	25	
64-17-5	Ethanol	998	881	864	**88**	**87**	59-125	1	25	
67-64-1	Acetone	1,030	975	944	**95**	**92**	58-128	3	25	
75-69-4	Trichlorofluoromethane	204	189	185	**93**	**91**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	377	351	**92**	**86**	52-125	7	25	
75-09-2	Methylene Chloride	208	199	195	**96**	**94**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	198	195	**93**	**91**	66-126	2	25	
75-15-0	Carbon Disulfide	428	420	410	**98**	**96**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	200	196	**94**	**92**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	435	427	**106**	**104**	67-130	2	25	
141-78-6	Ethyl Acetate	422	571	558	**135**	**132**	65-128	2	25	**L**
110-54-3	n-Hexane	212	187	182	**88**	**86**	63-120	2	25	
67-66-3	Chloroform	214	198	194	**93**	**91**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	400	381	373	**95**	**93**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	197	194	**95**	**93**	65-128	2	25	
71-43-2	Benzene	204	193	190	**95**	**93**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	201	198	**96**	**94**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	401	394	**96**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	210	209	207	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	206	195	194	**95**	**94**	71-123	1	25	
123-91-1	1,4-Dioxane	208	214	211	**103**	**101**	71-122	2	25	
142-82-5	n-Heptane	210	203	199	**97**	**95**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	442	435	**106**	**105**	67-130	0.9	25	
108-88-3	Toluene	206	190	189	**92**	**92**	66-119	0	25	
591-78-6	2-Hexanone	404	417	416	**103**	**103**	62-128	0	25	
124-48-1	Dibromochloromethane	210	213	212	**101**	**101**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	203	203	**98**	**98**	74-122	0	25	
127-18-4	Tetrachloroethene	206	193	193	**94**	**94**	66-124	0	25	
100-41-4	Ethylbenzene	206	193	193	**94**	**94**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	384	383	**93**	**93**	61-134	0	25	
75-25-2	Bromoform	208	220	221	**106**	**106**	66-139	0	25	
100-42-5	Styrene	206	205	206	**100**	**100**	73-127	0	25	
95-47-6	o-Xylene	206	192	191	**93**	**93**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	198	196	**96**	**95**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	198	196	**97**	**96**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	429	426	**111**	**110**	55-142	0.9	25	
91-20-3	Naphthalene	198	237	237	**120**	**120**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	221	210	**105**	**100**	57-136	5	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	193	185	**92**	**88**	59-128	4	25	
74-87-3	Chloromethane	206	184	176	**89**	**85**	59-132	5	25	
75-01-4	Vinyl Chloride	208	195	184	**94**	**88**	64-127	7	25	
106-99-0	1,3-Butadiene	210	218	208	**104**	**99**	66-134	5	25	
75-00-3	Chloroethane	204	194	188	**95**	**92**	63-127	3	25	
64-17-5	Ethanol	998	873	847	**87**	**85**	59-125	2	25	
67-64-1	Acetone	1,030	956	914	**93**	**89**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	187	182	**92**	**89**	62-126	3	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	380	365	**93**	**89**	52-125	4	25	
75-09-2	Methylene Chloride	208	196	190	**94**	**91**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	214	195	191	**91**	**89**	66-126	2	25	
75-15-0	Carbon Disulfide	428	415	402	**97**	**94**	57-134	3	25	
75-34-3	1,1-Dichloroethane	212	198	191	**93**	**90**	68-126	3	25	
78-93-3	2-Butanone (MEK)	412	428	417	**104**	**101**	67-130	3	25	
141-78-6	Ethyl Acetate	422	564	549	**134**	**130**	65-128	3	25	**L**
110-54-3	n-Hexane	212	185	178	**87**	**84**	63-120	4	25	
67-66-3	Chloroform	214	196	190	**92**	**89**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	400	375	364	**94**	**91**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	196	191	**94**	**92**	65-128	2	25	
71-43-2	Benzene	204	190	186	**93**	**91**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	200	195	**95**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	396	386	**95**	**93**	70-117	2	25	
75-27-4	Bromodichloromethane	210	207	203	**99**	**97**	72-128	2	25	
79-01-6	Trichloroethene	206	194	190	**94**	**92**	71-123	2	25	
123-91-1	1,4-Dioxane	208	212	208	**102**	**100**	71-122	2	25	
142-82-5	n-Heptane	210	201	196	**96**	**93**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	416	436	425	**105**	**102**	67-130	3	25	
108-88-3	Toluene	206	185	184	**90**	**89**	66-119	1	25	
591-78-6	2-Hexanone	404	410	406	**101**	**100**	62-128	1	25	
124-48-1	Dibromochloromethane	210	208	207	**99**	**99**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	199	198	**96**	**95**	74-122	1	25	
127-18-4	Tetrachloroethene	206	189	188	**92**	**91**	66-124	1	25	
100-41-4	Ethylbenzene	206	189	188	**92**	**91**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	375	374	**91**	**91**	61-134	0	25	
75-25-2	Bromoform	208	215	215	**103**	**103**	66-139	0	25	
100-42-5	Styrene	206	200	200	**97**	**97**	73-127	0	25	
95-47-6	o-Xylene	206	187	186	**91**	**90**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	192	191	**93**	**93**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	193	192	**95**	**94**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	417	417	**107**	**107**	55-142	0	25	
91-20-3	Naphthalene	198	230	231	**116**	**117**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020DUP

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	6,700	6,600	6650	**2**	25	
Dichlorodifluoromethane (CFC 12)	620	610	615	**2**	25	**J**
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	290	290	290	**0**	25	**J**
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	70,000	71,000	70500	**1**	25	
Chloroform	ND	ND	-	-	25	
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	38,000	39,000	38500	**3**	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV113-450-212** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102025-020DUP

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0015 Liter(s)
Test Notes:
Container ID: 1SS01047

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	86,000	87,000	86500	**1**	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	71,000	72,000	71500	**1**	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	69,000	71,000	70000	**3**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	170	170	170	**0**	25	**J**
Tetrachloroethene	190	190	190	**0**	25	**J**
Ethylbenzene	4,900	5,100	5000	**4**	25	
m,p-Xylenes	20,000	21,000	20500	**5**	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	8,000	8,400	8200	**5**	25	
1,3,5-Trimethylbenzene	3,700	3,900	3800	**5**	25	
1,2,4-Trimethylbenzene	4,100	4,300	4200	**5**	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	28,000	29,000	28500	**4**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05052102.D
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 01:09
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	246991		11.21	1058371		13.33		151615		17.64	
	Upper Limit	345787		11.54	1481719		13.66		212261		17.97	
	Lower Limit	148195		10.88	635023		13.00		90969		17.31	
	Client Sample ID											
01	Method Blank	231757		11.19	1013735		13.32		142860		17.64	
02	Lab Control Sample	238229		11.21	1027213		13.33		145826		17.64	
03	Duplicate Lab Control Sample	243399		11.21	1043998		13.33		146965		17.64	
04	SV110-150-212	233196		11.20	1019433		13.33		150433		17.64	
05	SV109-025-212	239520		11.20	1050976		13.32		153833		17.64	
06	SV109-050-212	222939		11.20	981554		13.32		144694		17.64	
07	SV109-150-212	224809		11.20	989398		13.32		144404		17.64	
08	SV109-250-212	221084		11.20	971094		13.32		145836		17.64	
09	SV109-350-212	217869		11.20	956038		13.32		141520		17.64	
10	SV109-450-612	223821		11.20	978958		13.32		147131		17.64	
11	SV109-450-212	220296		11.20	956259		13.32		144471		17.64	
12	SV110-025-212	222930		11.20	982139		13.32		149344		17.64	
13	SV110-050-212	211127		11.20	934463		13.32		141905		17.64	
14	SV110-450-212	221987		11.20	978946		13.32		152925		17.64	
15	SV113-020-212	212201		11.19	939639		13.32		141139		17.64	
16	SV113-050-212	223477		11.20	983796		13.32		146195		17.64	
17	SV113-150-212	225838		11.19	986269		13.32		147445		17.64	
18	SV113-250-212	230343		11.19	1003957		13.32		149140		17.64	
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102025
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05052137.D
Analyst: Lusine Hakobyan Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 23:00
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	246775		11.22	1051864		13.33		152579		17.64	
	Upper Limit	345485		11.55	1472610		13.66		213611		17.97	
	Lower Limit	148065		10.89	631118		13.00		91547		17.31	
	Client Sample ID											
01	Method Blank	229161		11.20	1003976		13.32		145590		17.64	
02	Lab Control Sample	237314		11.22	1019197		13.33		146356		17.64	
03	Duplicate Lab Control Sample	244713		11.22	1045974		13.33		147938		17.64	
04	SV115-025-212	230749		11.20	1013857		13.32		145589		17.64	
05	SV115-025-612	236345		11.20	1043632		13.32		147096		17.64	
06	SV115-050-212	233859		11.20	1031330		13.32		144488		17.64	
07	SV115-150-212	233840		11.20	1027792		13.32		143100		17.64	
08	SV110-250-212	247625		11.20	1085914		13.32		152560		17.64	
09	SV110-250-612	248793		11.20	1078467		13.32		152837		17.64	
10	SV110-350-212	242695		11.20	1068255		13.33		149367		17.64	
11	SV110-450-212 (Dilution)	250044		11.20	1090625		13.32		153006		17.64	
12	SV113-350-212	243288		11.20	1064112		13.32		149541		17.64	
13	SV113-450-212	245186		11.20	1072760		13.32		151077		17.64	
14	SV113-450-212 (Lab Duplicate)	245135		11.20	1065004		13.33		148994		17.64	
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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LABORATORY REPORT

June 1, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 16, 2021. For your reference, these analyses have been assigned our service request number P2102031.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 4:38 pm, Jun 01, 2021
Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102031
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 16, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2102031-004,005,006,011,012,018,019,021	Acetone
P2102031-015,022	Propene

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102031
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/16/2021
Time Received: 10:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SV115-250-212	P2102031-001	Air	4/13/2021	10:55	1SC00152	-2.53	6.11			X
SV115-350-212	P2102031-002	Air	4/13/2021	11:05	1SS00775	-4.34	5.70			X
SV115-450-212	P2102031-003	Air	4/13/2021	11:18	1SC00186	-1.16	5.47			X
SV120-025-212	P2102031-004	Air	4/12/2021	12:50	1SC00982	-4.76	5.80			X
SV120-025-612	P2102031-005	Air	4/12/2021	12:50	1SC00507	-2.36	5.95			X
SV120-050-212	P2102031-006	Air	4/12/2021	12:58	1SC00461	-3.57	5.80			X
SV120-150-212	P2102031-007	Air	4/12/2021	13:06	1SS01225	-5.54	5.87			X
SV120-250-212	P2102031-008	Air	4/12/2021	13:13	1SS00694	-2.49	5.97			X
SV120-350-212	P2102031-009	Air	4/12/2021	13:19	1SC00562	-5.02	6.18			X
SV120-450-212	P2102031-010	Air	4/12/2021	13:30	1SC01177	-5.26	6.03			X
SV121-025-212	P2102031-011	Air	4/12/2021	09:55	1SC00878	-2.84	5.53	-0.14	7.02	X
SV121-050-212	P2102031-012	Air	4/12/2021	09:59	1SC00496	-2.01	5.95			X
SV121-145-612	P2102031-013	Air	4/12/2021	10:06	1SS01132	-4.62	5.83			X
SV121-145-212	P2102031-014	Air	4/12/2021	10:06	1SS00928	-2.46	5.96			X
SV121-250-212	P2102031-015	Air	4/12/2021	10:13	1SS00926	-3.90	5.83			X
SV121-350-212	P2102031-016	Air	4/12/2021	10:20	1SS00972	-3.15	6.00			X
SV121-450-212	P2102031-017	Air	4/12/2021	10:31	1SS00889	-4.41	5.92			X
SV122-025-212	P2102031-018	Air	4/12/2021	11:13	1SS01162	-3.40	6.28			X
SV122-050-212	P2102031-019	Air	4/12/2021	11:17	1SC00931	-4.39	5.75			X
SV122-150-212	P2102031-020	Air	4/12/2021	11:21	1SS01241	-3.88	5.95			X
SV122-250-212	P2102031-021	Air	4/12/2021	11:28	1SS01231	-4.38	5.60			X
SV122-350-212	P2102031-022	Air	4/12/2021	11:35	1SC00054	-3.79	6.03			X
SV122-450-212	P2102031-023	Air	4/12/2021	11:45	1SS01169	-4.27	5.51			X
SV123-025-212	P2102031-024	Air	4/12/2021	08:47	1SS00887	-3.55	5.83			X

Air - Chain of Custody Record & Analytical Service Request

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2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-02**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2102031

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Faciltiy
Project Number	62735DM02
P.O. # / Billing Information	17682
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV115-250-212	1	4/13/2021	10:55	1SC00152	NA	-26.0	-3.5	1L	X	None
SV115-350-212	2	4/13/2021	11:05	1SS00775	NA	-24.0	-5.0	1L	X	None
SV115-450-212	3	4/13/2021	11:18	1SC00186	NA	-22.5	-2.0	1L	X	None
SV120-025-212	4	4/12/2021	12:50	1SC00982	NA	-24.0	-4.0	1L	X	None
SV120-025-612	5	4/12/2021	12:50	1SC00507	NA	-22.5	0.0	1L	X	None
SV120-050-212	6	4/12/2021	12:58	1SC00461	NA	-24.0	-3.5	1L	X	None
SV120-150-212	7	4/12/2021	13:06	1SS01225	NA	-25.0	-6.0	1L	X	None
SV120-250-212	8	4/12/2021	13:13	1SS00694	NA	-24.0	-5.0	1L	X	None
SV120-350-212	9	4/12/2021	13:19	1SC00562	NA	-26.5	-6.0	1L	X	None
SV120-450-212	10	4/12/2021	13:30	1SC01177	NA	-25.0	-6.0	1L	X	None
SV121-025-212	11	4/12/2021	09:55	1SC00878	NA	-24.0	-3.0	1L	X	None
SV121-050-212	12	4/12/2021	09:59	1SC00496	NA	-24.0	-1.0	1L	X	None

FedEx Tracking Number: 9719 9695 2217

Shipping information: Box number 2 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-14-21	Time: 11:00	Received by: (Signature)	Date: 4-16-21 Time: 1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: Time:

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-02**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2102031

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facility
Project Number: 62735DM02
P.O. # / Billing Information: 17682

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting:
Tara Lamond:
Amanda Smith:
Pam Moss:

Sampler (Print & Sign): Tyler Curley

ALS Contact: Hayden Akers
1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV121-145-612	13	4/12/2021	10:06	1SS01132	NA	-25.0	-6.0	1L	X	None
SV121-145-212	14	4/12/2021	10:06	1SS00928	NA	-27.5	-4.5	1L	X	None
SV121-250-212	15	4/12/2021	10:13	1SS00926	NA	-26.0	-4.5	1L	X	None
SV121-350-212	16	4/12/2021	10:20	1SS00972	NA	-23.0	-1.0	1L	X	None
SV121-450-212	17	4/12/2021	10:31	1SS00889	NA	-23.0	-2.5	1L	X	None
SV122-025-212	18	4/12/2021	11:13	1SS01162	NA	-25.0	-2.5	1L	X	None
SV122-050-212	19	4/12/2021	11:17	1SC00931	NA	-24.0	-4.5	1L	X	None
SV122-150-212	20	4/12/2021	11:21	1SS01241	NA	-24.0	-2.0	1L	X	None
SV122-250-212	21	4/12/2021	11:28	1SS01231	NA	-23.5	-4.0	1L	X	None
SV122-350-212	22	4/12/2021	11:35	1SC00054	NA	-23.5	-2.5	1L	X	None
SV122-450-212	23	4/12/2021	11:45	1SS01169	NA	-23.0	-4.5	1L	X	None
SV123-025-212	24	4/12/2021	08:47	1SS00887	NA	-25.0	-5.0	1L	X	None

FedEX Tracking Number: 9719 9695 2228

Shipping information: Box number 3 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-14-21	11:00		4-16-21	1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

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ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102031

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/21 Date opened: 4/16/21 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102031-001.01	1.0 L Source Can					
P2102031-002.01	1.0 L Source Silonite Canister					
P2102031-003.01	1.0 L Source Can					
P2102031-004.01	1.0 L Source Can					
P2102031-005.01	1.0 L Source Can					
P2102031-006.01	1.0 L Source Can					
P2102031-007.01	1.0 L Source Silonite Canister					
P2102031-008.01	1.0 L Source Silonite Canister					
P2102031-009.01	1.0 L Source Can					
P2102031-010.01	1.0 L Source Can					
P2102031-011.01	1.0 L Source Can					
P2102031-012.01	1.0 L Source Can					
P2102031-013.01	1.0 L Source Silonite Canister					
P2102031-014.01	1.0 L Source Silonite Canister					
P2102031-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102031

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/21 Date opened: 4/16/21 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102031-016.01	1.0 L Source Silonite Canister					
P2102031-017.01	1.0 L Source Silonite Canister					
P2102031-018.01	1.0 L Source Silonite Canister					
P2102031-019.01	1.0 L Source Can					
P2102031-020.01	1.0 L Source Silonite Canister					
P2102031-021.01	1.0 L Source Silonite Canister					
P2102031-022.01	1.0 L Source Can					
P2102031-023.01	1.0 L Source Silonite Canister					
P2102031-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00152

Initial Pressure (psig): -2.53 Final Pressure (psig): 6.11

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.74**	1.3	0.80	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.13**	0.45	0.28	0.075	**J**
74-87-3	Chloromethane	0.66	1.1	0.66	0.18	**U**
75-01-4	Vinyl Chloride	0.28	0.89	0.28	0.095	**U**
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.84	0.52	0.11	**U**
64-17-5	Ethanol	**1.7**	12	1.9	0.84	**J**
67-64-1	Acetone	**7.1**	9.4	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.11**	0.39	0.24	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.7	1.1	0.38	**U**
75-09-2	Methylene Chloride	0.39	0.64	0.39	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**0.18**	0.30	0.095	0.042	**J**
75-15-0	Carbon Disulfide	**3.1**	1.4	0.74	0.22	
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.082	**U**
78-93-3	2-Butanone (MEK)	**1.0**	1.5	0.46	0.16	**J**
141-78-6	Ethyl Acetate	0.77	1.2	0.77	0.33	**U**
110-54-3	n-Hexane	**0.82**	0.63	0.39	0.13	
67-66-3	Chloroform	0.15	0.46	0.15	0.062	**U**
109-99-9	Tetrahydrofuran (THF)	**0.13**	1.5	0.25	0.097	**J**
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.062	**U**
71-43-2	Benzene	**1.0**	0.70	0.23	0.10	
56-23-5	Carbon Tetrachloride	**0.15**	0.35	0.12	0.050	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00152

Initial Pressure (psig): -2.53 Final Pressure (psig): 6.11

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.75**	1.2	0.42	0.19	**J**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	**0.18**	0.41	0.14	0.057	**J**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.075	**U**
142-82-5	n-Heptane	**1.8**	0.54	0.33	0.089	
108-10-1	4-Methyl-2-pentanone	0.18	1.0	0.18	0.076	**U**
108-88-3	Toluene	**5.7**	0.59	0.19	0.074	
591-78-6	2-Hexanone	0.18	1.0	0.18	0.069	**U**
124-48-1	Dibromochloromethane	0.085	0.26	0.085	0.035	**U**
106-93-4	1,2-Dibromoethane	0.095	0.29	0.095	0.035	**U**
127-18-4	Tetrachloroethene	**0.22**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**1.2**	0.51	0.17	0.074	
179601-23-1	m,p-Xylenes	**6.8**	0.98	0.33	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	**2.0**	0.52	0.17	0.076	
108-67-8	1,3,5-Trimethylbenzene	**1.8**	0.46	0.15	0.067	
95-63-6	1,2,4-Trimethylbenzene	**6.2**	0.45	0.15	0.064	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.58	0.18	0.075	**U**
91-20-3	Naphthalene	**0.49**	0.42	0.25	0.11	
1330-20-7	Xylenes, Total	**8.8**	0.98	0.33	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00775

Initial Pressure (psig): -4.34 Final Pressure (psig): 5.70

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.65**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	**0.23**	1.2	0.76	0.21	**J**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.20	**U**
75-00-3	Chloroethane	0.60	0.97	0.60	0.12	**U**
64-17-5	Ethanol	**1.5**	14	2.2	0.97	**J**
67-64-1	Acetone	**4.9**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	0.28	0.45	0.28	0.071	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.44	**U**
75-09-2	Methylene Chloride	0.45	0.74	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.34	0.11	0.049	**U**
75-15-0	Carbon Disulfide	**11**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.57**	1.7	0.53	0.18	**J**
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	**0.26**	0.73	0.45	0.15	**J**
67-66-3	Chloroform	0.17	0.53	0.17	0.072	**U**
109-99-9	Tetrahydrofuran (THF)	**5.0**	1.7	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.63	0.21	0.072	**U**
71-43-2	Benzene	**0.77**	0.80	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	0.13	0.40	0.13	0.058	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00775

Initial Pressure (psig): -4.34 Final Pressure (psig): 5.70

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.26**	1.4	0.49	0.21	**J**
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	**2.0**	0.47	0.16	0.066	
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.086	**U**
142-82-5	n-Heptane	**0.62**	0.63	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.088	**U**
108-88-3	Toluene	**2.3**	0.68	0.22	0.085	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.079	**U**
124-48-1	Dibromochloromethane	0.098	0.30	0.098	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.14**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	**0.48**	0.59	0.19	0.085	**J**
179601-23-1	m,p-Xylenes	**2.6**	1.1	0.39	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	**0.80**	0.60	0.19	0.087	
108-67-8	1,3,5-Trimethylbenzene	**0.76**	0.53	0.17	0.077	
95-63-6	1,2,4-Trimethylbenzene	**2.6**	0.52	0.17	0.074	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	**0.38**	0.49	0.29	0.12	**J**
1330-20-7	Xylenes, Total	**3.4**	1.1	0.39	0.16	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00186

Initial Pressure (psig): -1.16 Final Pressure (psig): 5.47

Container Dilution Factor: 1.49

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**190**	150	92	38	
75-71-8	Dichlorodifluoromethane (CFC 12)	32	52	32	8.7	**U**
74-87-3	Chloromethane	77	130	77	21	**U**
75-01-4	Vinyl Chloride	33	100	33	11	**U**
106-99-0	1,3-Butadiene	72	120	72	20	**U**
75-00-3	Chloroethane	60	98	60	12	**U**
64-17-5	Ethanol	220	1,400	220	98	**U**
67-64-1	Acetone	560	1,100	560	250	**U**
75-69-4	Trichlorofluoromethane	28	45	28	7.2	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	130	200	130	44	**U**
75-09-2	Methylene Chloride	46	74	46	21	**U**
76-13-1	Trichlorotrifluoroethane	**11**	34	11	4.9	**J**
75-15-0	Carbon Disulfide	86	160	86	26	**U**
75-34-3	1,1-Dichloroethane	41	66	41	9.6	**U**
78-93-3	2-Butanone (MEK)	54	170	54	19	**U**
141-78-6	Ethyl Acetate	**260**	140	90	39	
110-54-3	n-Hexane	**250**	73	45	16	
67-66-3	Chloroform	17	54	17	7.2	**U**
109-99-9	Tetrahydrofuran (THF)	29	170	29	11	**U**
107-06-2	1,2-Dichloroethane	21	64	21	7.2	**U**
71-43-2	Benzene	**840**	81	26	12	
56-23-5	Carbon Tetrachloride	13	40	13	5.8	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00186

Initial Pressure (psig): -1.16 Final Pressure (psig): 5.47

Container Dilution Factor: 1.49

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**730**	140	49	22	
75-27-4	Bromodichloromethane	13	39	13	5.7	**U**
79-01-6	Trichloroethene	16	47	16	6.7	**U**
123-91-1	1,4-Dioxane	23	72	23	8.7	**U**
142-82-5	n-Heptane	**35**	63	39	10	**J**
108-10-1	4-Methyl-2-pentanone	21	120	21	8.9	**U**
108-88-3	Toluene	**1,000**	69	22	8.6	
591-78-6	2-Hexanone	21	120	21	8.0	**U**
124-48-1	Dibromochloromethane	9.9	30	9.9	4.1	**U**
106-93-4	1,2-Dibromoethane	11	34	11	4.0	**U**
127-18-4	Tetrachloroethene	**14**	38	12	5.1	**J**
100-41-4	Ethylbenzene	**38**	59	19	8.6	**J**
179601-23-1	m,p-Xylenes	**130**	110	39	16	
75-25-2	Bromoform	15	25	15	5.3	**U**
100-42-5	Styrene	37	61	37	10	**U**
95-47-6	o-Xylene	**62**	61	19	8.8	
108-67-8	1,3,5-Trimethylbenzene	**20**	54	17	7.8	**J**
95-63-6	1,2,4-Trimethylbenzene	**16**	53	17	7.5	**J**
120-82-1	1,2,4-Trichlorobenzene	21	67	21	8.7	**U**
91-20-3	Naphthalene	29	49	29	12	**U**
1330-20-7	Xylenes, Total	**190**	110	39	16	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -4.76 Final Pressure (psig): 5.80

Container Dilution Factor: 2.06

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.46**	1.6	0.96	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.99**	0.54	0.33	0.091	
74-87-3	Chloromethane	0.80	1.3	0.80	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.75	1.2	0.75	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**3.9**	14	2.3	1.0	**J**
67-64-1	Acetone	**7.7**	11	5.9	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.24**	0.47	0.29	0.074	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.46	**U**
75-09-2	Methylene Chloride	**0.64**	0.77	0.47	0.22	**J**
76-13-1	Trichlorotrifluoroethane	**0.078**	0.36	0.11	0.051	**J**
75-15-0	Carbon Disulfide	**13**	1.7	0.89	0.26	
75-34-3	1,1-Dichloroethane	0.42	0.69	0.42	0.099	**U**
78-93-3	2-Butanone (MEK)	**2.0**	1.7	0.56	0.19	
141-78-6	Ethyl Acetate	0.93	1.4	0.93	0.40	**U**
110-54-3	n-Hexane	**0.69**	0.76	0.47	0.16	**J**
67-66-3	Chloroform	**94**	0.56	0.18	0.075	
109-99-9	Tetrahydrofuran (THF)	**0.32**	1.7	0.30	0.12	**J**
107-06-2	1,2-Dichloroethane	0.22	0.66	0.22	0.075	**U**
71-43-2	Benzene	**0.34**	0.84	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.53**	0.42	0.14	0.061	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -4.76 Final Pressure (psig): 5.80

Container Dilution Factor: 2.06

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.51**	1.5	0.51	0.22	**J**
75-27-4	Bromodichloromethane	**17**	0.40	0.13	0.059	
79-01-6	Trichloroethene	**0.41**	0.49	0.16	0.069	**J**
123-91-1	1,4-Dioxane	0.24	0.74	0.24	0.090	**U**
142-82-5	n-Heptane	**1.3**	0.65	0.40	0.11	
108-10-1	4-Methyl-2-pentanone	**0.11**	1.3	0.21	0.092	**J**
108-88-3	Toluene	**2.4**	0.71	0.23	0.089	
591-78-6	2-Hexanone	**0.63**	1.3	0.21	0.083	**J**
124-48-1	Dibromochloromethane	**0.42**	0.31	0.10	0.042	
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.042	**U**
127-18-4	Tetrachloroethene	**0.53**	0.40	0.13	0.052	
100-41-4	Ethylbenzene	**1.1**	0.62	0.20	0.089	
179601-23-1	m,p-Xylenes	**6.5**	1.2	0.40	0.17	
75-25-2	Bromoform	0.16	0.26	0.16	0.055	**U**
100-42-5	Styrene	0.39	0.63	0.39	0.10	**U**
95-47-6	o-Xylene	**2.0**	0.63	0.20	0.091	
108-67-8	1,3,5-Trimethylbenzene	**2.1**	0.56	0.18	0.081	
95-63-6	1,2,4-Trimethylbenzene	**9.0**	0.54	0.18	0.078	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.69	0.22	0.090	**U**
91-20-3	Naphthalene	**1.1**	0.51	0.30	0.13	
1330-20-7	Xylenes, Total	**8.5**	1.2	0.40	0.17	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00507

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.95

Container Dilution Factor: 1.67

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.3	0.78	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.97**	0.44	0.27	0.073	
74-87-3	Chloromethane	**0.21**	1.1	0.65	0.17	**J**
75-01-4	Vinyl Chloride	0.28	0.87	0.28	0.093	**U**
106-99-0	1,3-Butadiene	0.60	0.98	0.60	0.17	**U**
75-00-3	Chloroethane	0.51	0.82	0.51	0.10	**U**
64-17-5	Ethanol	**6.8**	12	1.8	0.82	**J**
67-64-1	Acetone	**11**	9.1	4.7	2.1	
75-69-4	Trichlorofluoromethane	**0.24**	0.38	0.24	0.060	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	1.7	1.1	0.37	
75-09-2	Methylene Chloride	**0.82**	0.63	0.38	0.18	
76-13-1	Trichlorotrifluoroethane	**0.076**	0.29	0.093	0.041	**J**
75-15-0	Carbon Disulfide	**0.63**	1.3	0.72	0.21	**J**
75-34-3	1,1-Dichloroethane	0.34	0.56	0.34	0.080	**U**
78-93-3	2-Butanone (MEK)	**2.4**	1.4	0.45	0.16	
141-78-6	Ethyl Acetate	**7.0**	1.2	0.75	0.32	
110-54-3	n-Hexane	**0.61**	0.62	0.38	0.13	**J**
67-66-3	Chloroform	**88**	4.5	1.5	0.61	**D**
109-99-9	Tetrahydrofuran (THF)	**0.53**	1.4	0.24	0.095	**J**
107-06-2	1,2-Dichloroethane	0.18	0.54	0.18	0.061	**U**
71-43-2	Benzene	**1.6**	0.68	0.22	0.10	
56-23-5	Carbon Tetrachloride	**0.50**	0.34	0.11	0.049	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00507

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.95

Container Dilution Factor: 1.67

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.59**		1.2	0.41	0.18	**J**
75-27-4	Bromodichloromethane	**17**		0.32	0.11	0.048	
79-01-6	Trichloroethene	**0.42**		0.40	0.13	0.056	
123-91-1	1,4-Dioxane		0.20	0.60	0.20	0.073	**U**
142-82-5	n-Heptane	**1.7**		0.53	0.33	0.087	
108-10-1	4-Methyl-2-pentanone	**0.075**		1.0	0.17	0.074	**J**
108-88-3	Toluene	**8.0**		0.58	0.19	0.072	
591-78-6	2-Hexanone		0.17	1.0	0.17	0.067	**U**
124-48-1	Dibromochloromethane	**0.39**		0.25	0.083	0.034	
106-93-4	1,2-Dibromoethane		0.092	0.28	0.092	0.034	**U**
127-18-4	Tetrachloroethene	**0.56**		0.32	0.10	0.042	
100-41-4	Ethylbenzene	**1.6**		0.50	0.16	0.072	
179601-23-1	m,p-Xylenes	**11**		0.96	0.33	0.13	
75-25-2	Bromoform		0.13	0.21	0.13	0.044	**U**
100-42-5	Styrene		0.31	0.51	0.31	0.084	**U**
95-47-6	o-Xylene	**3.6**		0.51	0.16	0.074	
108-67-8	1,3,5-Trimethylbenzene	**2.6**		0.45	0.14	0.065	
95-63-6	1,2,4-Trimethylbenzene	**11**		0.44	0.14	0.063	
120-82-1	1,2,4-Trichlorobenzene		0.18	0.56	0.18	0.073	**U**
91-20-3	Naphthalene	**0.97**		0.41	0.25	0.10	
1330-20-7	Xylenes, Total	**15**		0.96	0.33	0.13	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00461

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.80

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.87**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.66**	0.48	0.30	0.081	
74-87-3	Chloromethane	**0.31**	1.2	0.71	0.19	**J**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	**0.12**	0.91	0.56	0.12	**J**
64-17-5	Ethanol	**6.1**	13	2.0	0.90	**J**
67-64-1	Acetone	**12**	10	5.2	2.3	
75-69-4	Trichlorofluoromethane	**0.18**	0.42	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	**2.1**	0.69	0.42	0.20	
76-13-1	Trichlorotrifluoroethane	**0.13**	0.32	0.10	0.046	**J**
75-15-0	Carbon Disulfide	**1.2**	1.5	0.80	0.24	**J**
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**6.3**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	**2.5**	1.3	0.83	0.36	
110-54-3	n-Hexane	**0.29**	0.68	0.42	0.14	**J**
67-66-3	Chloroform	**190**	5.0	1.6	0.67	**D**
109-99-9	Tetrahydrofuran (THF)	**4.6**	1.6	0.27	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.36**	0.75	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**3.1**	0.37	0.12	0.054	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00461

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.80

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.21**	1.3	0.45	0.20	**J**
75-27-4	Bromodichloromethane	**69**	0.36	0.12	0.053	
79-01-6	Trichloroethene	**1.4**	0.44	0.15	0.062	
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**0.37**	0.58	0.36	0.095	**J**
108-10-1	4-Methyl-2-pentanone	**0.088**	1.1	0.19	0.082	**J**
108-88-3	Toluene	**1.4**	0.63	0.21	0.079	
591-78-6	2-Hexanone	**0.32**	1.1	0.19	0.074	**J**
124-48-1	Dibromochloromethane	**11**	0.28	0.092	0.038	
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**1.4**	0.35	0.12	0.047	
100-41-4	Ethylbenzene	**0.44**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**2.4**	1.1	0.36	0.15	
75-25-2	Bromoform	**0.11**	0.24	0.14	0.049	**J**
100-42-5	Styrene	0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**0.68**	0.56	0.18	0.082	
108-67-8	1,3,5-Trimethylbenzene	**0.65**	0.50	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	**2.8**	0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.27**	0.46	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**3.1**	1.1	0.36	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01225

Initial Pressure (psig): -5.54 Final Pressure (psig): 5.87

Container Dilution Factor: 2.25

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.98**	1.7	1.0	0.43	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	0.59	0.36	0.099	
74-87-3	Chloromethane	**0.26**	1.4	0.87	0.23	**J**
75-01-4	Vinyl Chloride	0.37	1.2	0.37	0.13	**U**
106-99-0	1,3-Butadiene	0.81	1.3	0.81	0.22	**U**
75-00-3	Chloroethane	0.68	1.1	0.68	0.14	**U**
64-17-5	Ethanol	**3.1**	16	2.5	1.1	**J**
67-64-1	Acetone	**8.2**	12	6.4	2.8	**J**
75-69-4	Trichlorofluoromethane	**0.23**	0.51	0.32	0.081	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.0**	2.3	1.4	0.50	
75-09-2	Methylene Chloride	0.52	0.84	0.52	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**0.13**	0.39	0.12	0.056	**J**
75-15-0	Carbon Disulfide	**0.63**	1.8	0.98	0.29	**J**
75-34-3	1,1-Dichloroethane	0.46	0.75	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**0.54**	1.9	0.61	0.21	**J**
141-78-6	Ethyl Acetate	1.0	1.6	1.0	0.44	**U**
110-54-3	n-Hexane	0.51	0.83	0.51	0.18	**U**
67-66-3	Chloroform	**6.5**	0.61	0.20	0.082	
109-99-9	Tetrahydrofuran (THF)	**0.80**	1.9	0.32	0.13	**J**
107-06-2	1,2-Dichloroethane	0.24	0.72	0.24	0.082	**U**
71-43-2	Benzene	**0.26**	0.92	0.30	0.14	**J**
56-23-5	Carbon Tetrachloride	**2.6**	0.46	0.15	0.066	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01225

Initial Pressure (psig): -5.54 Final Pressure (psig): 5.87

Container Dilution Factor: 2.25

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.56	1.6	0.56	0.25	**U**
75-27-4	Bromodichloromethane	**0.65**	0.44	0.14	0.065	
79-01-6	Trichloroethene	**0.75**	0.53	0.18	0.075	
123-91-1	1,4-Dioxane	**0.14**	0.81	0.27	0.098	**J**
142-82-5	n-Heptane	**0.17**	0.71	0.44	0.12	**J**
108-10-1	4-Methyl-2-pentanone	0.23	1.4	0.23	0.10	**U**
108-88-3	Toluene	**0.79**	0.78	0.25	0.097	
591-78-6	2-Hexanone	**0.13**	1.4	0.23	0.091	**J**
124-48-1	Dibromochloromethane	0.11	0.34	0.11	0.046	**U**
106-93-4	1,2-Dibromoethane	0.12	0.38	0.12	0.045	**U**
127-18-4	Tetrachloroethene	**0.38**	0.43	0.14	0.057	**J**
100-41-4	Ethylbenzene	**0.38**	0.67	0.22	0.097	**J**
179601-23-1	m,p-Xylenes	**2.2**	1.3	0.44	0.18	
75-25-2	Bromoform	0.17	0.29	0.17	0.060	**U**
100-42-5	Styrene	0.42	0.69	0.42	0.11	**U**
95-47-6	o-Xylene	**0.68**	0.69	0.22	0.10	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.81**	0.61	0.19	0.088	
95-63-6	1,2,4-Trimethylbenzene	**3.6**	0.60	0.19	0.085	
120-82-1	1,2,4-Trichlorobenzene	0.24	0.76	0.24	0.099	**U**
91-20-3	Naphthalene	**0.46**	0.56	0.33	0.14	**J**
1330-20-7	Xylenes, Total	**2.9**	1.3	0.44	0.18	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -2.49 Final Pressure (psig): 5.97

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.74**	1.3	0.79	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.6**	0.44	0.27	0.074	
74-87-3	Chloromethane	**0.18**	1.1	0.65	0.18	**J**
75-01-4	Vinyl Chloride	0.28	0.88	0.28	0.094	**U**
106-99-0	1,3-Butadiene	0.61	0.99	0.61	0.17	**U**
75-00-3	Chloroethane	0.51	0.83	0.51	0.11	**U**
64-17-5	Ethanol	**14**	12	1.9	0.83	
67-64-1	Acetone	**6.9**	9.3	4.8	2.1	**J**
75-69-4	Trichlorofluoromethane	**0.35**	0.38	0.24	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.0**	1.7	1.1	0.38	
75-09-2	Methylene Chloride	**3.9**	0.63	0.39	0.18	
76-13-1	Trichlorotrifluoroethane	**0.17**	0.29	0.094	0.042	**J**
75-15-0	Carbon Disulfide	**3.2**	1.4	0.73	0.22	
75-34-3	1,1-Dichloroethane	0.34	0.56	0.34	0.081	**U**
78-93-3	2-Butanone (MEK)	**2.5**	1.4	0.46	0.16	
141-78-6	Ethyl Acetate	**5.5**	1.2	0.76	0.33	
110-54-3	n-Hexane	**0.19**	0.62	0.38	0.13	**J**
67-66-3	Chloroform	**0.40**	0.46	0.15	0.061	**J**
109-99-9	Tetrahydrofuran (THF)	**1.1**	1.4	0.24	0.096	**J**
107-06-2	1,2-Dichloroethane	0.18	0.54	0.18	0.062	**U**
71-43-2	Benzene	**0.17**	0.69	0.22	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.74**	0.34	0.11	0.050	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -2.49 Final Pressure (psig): 5.97

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.42	1.2	0.42	0.18	**U**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	0.13	0.40	0.13	0.057	**U**
123-91-1	1,4-Dioxane	**0.089**	0.61	0.20	0.074	**J**
142-82-5	n-Heptane	**0.27**	0.54	0.33	0.088	**J**
108-10-1	4-Methyl-2-pentanone	0.18	1.0	0.18	0.075	**U**
108-88-3	Toluene	**1.7**	0.58	0.19	0.073	
591-78-6	2-Hexanone	**0.088**	1.0	0.18	0.068	**J**
124-48-1	Dibromochloromethane	0.084	0.26	0.084	0.035	**U**
106-93-4	1,2-Dibromoethane	0.093	0.29	0.093	0.034	**U**
127-18-4	Tetrachloroethene	**0.054**	0.32	0.11	0.043	**J**
100-41-4	Ethylbenzene	**0.43**	0.51	0.17	0.073	**J**
179601-23-1	m,p-Xylenes	**2.1**	0.97	0.33	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.085	**U**
95-47-6	o-Xylene	**0.71**	0.52	0.17	0.075	
108-67-8	1,3,5-Trimethylbenzene	**0.53**	0.46	0.15	0.066	
95-63-6	1,2,4-Trimethylbenzene	**2.7**	0.45	0.15	0.064	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.57	0.18	0.074	**U**
91-20-3	Naphthalene	**0.60**	0.42	0.25	0.10	
1330-20-7	Xylenes, Total	**2.8**	0.97	0.33	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.16 Liter(s)
Test Notes:
Container ID: 1SC00562

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.18

Container Dilution Factor: 2.16

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.4**	4.1	2.5	1.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	**39**	1.4	0.87	0.24	
74-87-3	Chloromethane	2.1	3.4	2.1	0.56	**U**
75-01-4	Vinyl Chloride	0.90	2.8	0.90	0.30	**U**
106-99-0	1,3-Butadiene	2.0	3.2	2.0	0.54	**U**
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	**U**
64-17-5	Ethanol	**2.7**	38	5.9	2.7	**J**
67-64-1	Acetone	15	30	15	6.8	**U**
75-69-4	Trichlorofluoromethane	**3.8**	1.2	0.77	0.19	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.5	5.5	3.5	1.2	**U**
75-09-2	Methylene Chloride	1.2	2.0	1.2	0.58	**U**
76-13-1	Trichlorotrifluoroethane	**0.76**	0.93	0.30	0.13	**J**
75-15-0	Carbon Disulfide	2.3	4.3	2.3	0.69	**U**
75-34-3	1,1-Dichloroethane	1.1	1.8	1.1	0.26	**U**
78-93-3	2-Butanone (MEK)	**2.1**	4.6	1.5	0.50	**J**
141-78-6	Ethyl Acetate	2.4	3.7	2.4	1.0	**U**
110-54-3	n-Hexane	**6.3**	2.0	1.2	0.42	
67-66-3	Chloroform	**4.9**	1.5	0.47	0.20	
109-99-9	Tetrahydrofuran (THF)	0.78	4.6	0.78	0.31	**U**
107-06-2	1,2-Dichloroethane	0.57	1.7	0.57	0.20	**U**
71-43-2	Benzene	**30**	2.2	0.72	0.33	
56-23-5	Carbon Tetrachloride	0.36	1.1	0.36	0.16	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.16 Liter(s)
Test Notes:
Container ID: 1SC00562

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.18

Container Dilution Factor: 2.16

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**18**	3.9	1.3	0.59	
75-27-4	Bromodichloromethane	0.34	1.0	0.34	0.16	**U**
79-01-6	Trichloroethene	0.43	1.3	0.43	0.18	**U**
123-91-1	1,4-Dioxane	0.64	1.9	0.64	0.24	**U**
142-82-5	n-Heptane	**0.49**	1.7	1.1	0.28	**J**
108-10-1	4-Methyl-2-pentanone	0.56	3.3	0.56	0.24	**U**
108-88-3	Toluene	0.61	1.9	0.61	0.23	**U**
591-78-6	2-Hexanone	0.56	3.3	0.56	0.22	**U**
124-48-1	Dibromochloromethane	0.27	0.82	0.27	0.11	**U**
106-93-4	1,2-Dibromoethane	0.30	0.91	0.30	0.11	**U**
127-18-4	Tetrachloroethene	**0.19**	1.0	0.34	0.14	**J**
100-41-4	Ethylbenzene	**0.79**	1.6	0.53	0.23	**J**
179601-23-1	m,p-Xylenes	**4.3**	3.1	1.1	0.44	
75-25-2	Bromoform	0.42	0.69	0.42	0.14	**U**
100-42-5	Styrene	1.0	1.6	1.0	0.27	**U**
95-47-6	o-Xylene	**1.7**	1.6	0.53	0.24	
108-67-8	1,3,5-Trimethylbenzene	**1.2**	1.5	0.47	0.21	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.8**	1.4	0.47	0.20	
120-82-1	1,2,4-Trichlorobenzene	0.58	1.8	0.58	0.24	**U**
91-20-3	Naphthalene	**0.78**	1.3	0.80	0.33	**J**
1330-20-7	Xylenes, Total	**6.0**	3.1	1.1	0.44	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SC01177

Initial Pressure (psig): -5.26 Final Pressure (psig): 6.03

Container Dilution Factor: 2.20

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	27	44	27	11	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**40**	15	9.5	2.6	
74-87-3	Chloromethane	**12**	37	23	6.1	**J**
75-01-4	Vinyl Chloride	9.8	30	9.8	3.3	**U**
106-99-0	1,3-Butadiene	21	34	21	5.8	**U**
75-00-3	Chloroethane	18	29	18	3.7	**U**
64-17-5	Ethanol	65	410	65	29	**U**
67-64-1	Acetone	170	320	170	74	**U**
75-69-4	Trichlorofluoromethane	**3.9**	13	8.4	2.1	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	38	60	38	13	**U**
75-09-2	Methylene Chloride	14	22	14	6.3	**U**
76-13-1	Trichlorotrifluoroethane	**3.8**	10	3.3	1.5	**J**
75-15-0	Carbon Disulfide	**61**	47	25	7.5	
75-34-3	1,1-Dichloroethane	12	20	12	2.8	**U**
78-93-3	2-Butanone (MEK)	16	50	16	5.5	**U**
141-78-6	Ethyl Acetate	26	41	26	11	**U**
110-54-3	n-Hexane	**13**	22	13	4.6	**J**
67-66-3	Chloroform	5.1	16	5.1	2.1	**U**
109-99-9	Tetrahydrofuran (THF)	**7.0**	50	8.5	3.3	**J**
107-06-2	1,2-Dichloroethane	6.2	19	6.2	2.1	**U**
71-43-2	Benzene	**27**	24	7.8	3.5	
56-23-5	Carbon Tetrachloride	4.0	12	4.0	1.7	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SC01177

Initial Pressure (psig): -5.26 Final Pressure (psig): 6.03

Container Dilution Factor: 2.20

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**16**	43	14	6.4	**J**
75-27-4	Bromodichloromethane	3.7	11	3.7	1.7	**U**
79-01-6	Trichloroethene	4.6	14	4.6	2.0	**U**
123-91-1	1,4-Dioxane	6.9	21	6.9	2.6	**U**
142-82-5	n-Heptane	11	19	11	3.0	**U**
108-10-1	4-Methyl-2-pentanone	6.1	36	6.1	2.6	**U**
108-88-3	Toluene	6.6	20	6.6	2.5	**U**
591-78-6	2-Hexanone	6.1	36	6.1	2.4	**U**
124-48-1	Dibromochloromethane	2.9	9.0	2.9	1.2	**U**
106-93-4	1,2-Dibromoethane	3.2	9.9	3.2	1.2	**U**
127-18-4	Tetrachloroethene	**4.6**	11	3.7	1.5	**J**
100-41-4	Ethylbenzene	5.7	18	5.7	2.5	**U**
179601-23-1	m,p-Xylenes	**4.8**	34	11	4.7	**J**
75-25-2	Bromoform	4.5	7.5	4.5	1.6	**U**
100-42-5	Styrene	11	18	11	3.0	**U**
95-47-6	o-Xylene	**3.1**	18	5.7	2.6	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.7**	16	5.1	2.3	**J**
95-63-6	1,2,4-Trimethylbenzene	5.1	16	5.1	2.2	**U**
120-82-1	1,2,4-Trichlorobenzene	6.3	20	6.3	2.6	**U**
91-20-3	Naphthalene	8.7	15	8.7	3.6	**U**
1330-20-7	Xylenes, Total	**7.9**	34	11	4.7	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00878

Initial Pressure (psig): -2.84 Final Pressure (psig): 5.53
Initial Pressure 2 (psig): -0.14 Final Pressure 2 (psig): 7.02

Container Dilution Factor: 2.54

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.94**		1.9	1.2	0.48	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.90**		0.67	0.41	0.11	
74-87-3	Chloromethane		0.98	1.6	0.98	0.26	**U**
75-01-4	Vinyl Chloride		0.42	1.3	0.42	0.14	**U**
106-99-0	1,3-Butadiene		0.92	1.5	0.92	0.25	**U**
75-00-3	Chloroethane		0.77	1.3	0.77	0.16	**U**
64-17-5	Ethanol	**5.3**		18	2.8	1.2	**J**
67-64-1	Acetone	**12**		14	7.2	3.2	**J**
75-69-4	Trichlorofluoromethane	**0.20**		0.58	0.36	0.092	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**		2.6	1.6	0.57	**J**
75-09-2	Methylene Chloride		0.59	0.95	0.59	0.27	**U**
76-13-1	Trichlorotrifluoroethane	**0.097**		0.44	0.14	0.063	**J**
75-15-0	Carbon Disulfide		1.1	2.0	1.1	0.33	**U**
75-34-3	1,1-Dichloroethane		0.52	0.85	0.52	0.12	**U**
78-93-3	2-Butanone (MEK)	**1.9**		2.2	0.69	0.24	**J**
141-78-6	Ethyl Acetate	**2.8**		1.8	1.1	0.49	
110-54-3	n-Hexane		0.58	0.94	0.58	0.20	**U**
67-66-3	Chloroform	**130**		0.69	0.22	0.092	
109-99-9	Tetrahydrofuran (THF)		0.37	2.2	0.37	0.14	**U**
107-06-2	1,2-Dichloroethane		0.27	0.82	0.27	0.093	**U**
71-43-2	Benzene	**0.25**		1.0	0.34	0.15	**J**
56-23-5	Carbon Tetrachloride	**2.0**		0.52	0.17	0.075	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00878

Initial Pressure (psig): -2.84 Final Pressure (psig): 5.53
Initial Pressure 2 (psig): -0.14 Final Pressure 2 (psig): 7.02

Container Dilution Factor: 2.54

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.63	1.8	0.63	0.28	**U**
75-27-4	Bromodichloromethane	**7.9**	0.49	0.16	0.073	
79-01-6	Trichloroethene	**0.40**	0.60	0.20	0.085	**J**
123-91-1	1,4-Dioxane	0.30	0.92	0.30	0.11	**U**
142-82-5	n-Heptane	**0.24**	0.81	0.50	0.13	**J**
108-10-1	4-Methyl-2-pentanone	0.26	1.6	0.26	0.11	**U**
108-88-3	Toluene	**1.0**	0.88	0.29	0.11	
591-78-6	2-Hexanone	**0.38**	1.6	0.26	0.10	**J**
124-48-1	Dibromochloromethane	**0.29**	0.39	0.13	0.052	**J**
106-93-4	1,2-Dibromoethane	0.14	0.43	0.14	0.051	**U**
127-18-4	Tetrachloroethene	**0.77**	0.49	0.16	0.065	
100-41-4	Ethylbenzene	**0.65**	0.76	0.25	0.11	**J**
179601-23-1	m,p-Xylenes	**4.1**	1.5	0.50	0.20	
75-25-2	Bromoform	0.20	0.33	0.20	0.068	**U**
100-42-5	Styrene	0.48	0.78	0.48	0.13	**U**
95-47-6	o-Xylene	**1.7**	0.78	0.25	0.11	
108-67-8	1,3,5-Trimethylbenzene	**2.9**	0.68	0.22	0.099	
95-63-6	1,2,4-Trimethylbenzene	**11**	0.67	0.22	0.096	
120-82-1	1,2,4-Trichlorobenzene	0.27	0.86	0.27	0.11	**U**
91-20-3	Naphthalene	**0.37**	0.63	0.38	0.16	**J**
1330-20-7	Xylenes, Total	**5.8**	1.5	0.50	0.20	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.95

Container Dilution Factor: 1.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.57**	2.0	1.2	0.49	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.97**	0.69	0.42	0.11	
74-87-3	Chloromethane	1.0	1.6	1.0	0.27	**U**
75-01-4	Vinyl Chloride	0.43	1.4	0.43	0.15	**U**
106-99-0	1,3-Butadiene	0.94	1.5	0.94	0.26	**U**
75-00-3	Chloroethane	0.79	1.3	0.79	0.16	**U**
64-17-5	Ethanol	**2.6**	18	2.9	1.3	**J**
67-64-1	Acetone	**8.3**	14	7.4	3.3	**J**
75-69-4	Trichlorofluoromethane	**0.20**	0.59	0.37	0.094	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.7	2.7	1.7	0.58	**U**
75-09-2	Methylene Chloride	0.60	0.98	0.60	0.28	**U**
76-13-1	Trichlorotrifluoroethane	**0.093**	0.45	0.14	0.065	**J**
75-15-0	Carbon Disulfide	**1.7**	2.1	1.1	0.34	**J**
75-34-3	1,1-Dichloroethane	0.53	0.87	0.53	0.13	**U**
78-93-3	2-Butanone (MEK)	**1.7**	2.2	0.71	0.24	**J**
141-78-6	Ethyl Acetate	1.2	1.8	1.2	0.51	**U**
110-54-3	n-Hexane	0.59	0.96	0.59	0.20	**U**
67-66-3	Chloroform	**140**	0.71	0.23	0.095	
109-99-9	Tetrahydrofuran (THF)	**0.48**	2.2	0.38	0.15	**J**
107-06-2	1,2-Dichloroethane	0.27	0.84	0.27	0.095	**U**
71-43-2	Benzene	0.35	1.1	0.35	0.16	**U**
56-23-5	Carbon Tetrachloride	**2.8**	0.53	0.18	0.077	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.95

Container Dilution Factor: 1.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.64	1.9	0.64	0.28	**U**
75-27-4	Bromodichloromethane	**8.8**	0.51	0.17	0.075	
79-01-6	Trichloroethene	**0.44**	0.62	0.21	0.087	**J**
123-91-1	1,4-Dioxane	0.31	0.94	0.31	0.11	**U**
142-82-5	n-Heptane	0.51	0.83	0.51	0.14	**U**
108-10-1	4-Methyl-2-pentanone	0.27	1.6	0.27	0.12	**U**
108-88-3	Toluene	**0.66**	0.90	0.29	0.11	**J**
591-78-6	2-Hexanone	**0.34**	1.6	0.27	0.11	**J**
124-48-1	Dibromochloromethane	**0.38**	0.40	0.13	0.054	**J**
106-93-4	1,2-Dibromoethane	0.14	0.44	0.14	0.053	**U**
127-18-4	Tetrachloroethene	**1.1**	0.50	0.16	0.066	
100-41-4	Ethylbenzene	**0.27**	0.78	0.26	0.11	**J**
179601-23-1	m,p-Xylenes	**1.5**	1.5	0.51	0.21	
75-25-2	Bromoform	0.20	0.33	0.20	0.069	**U**
100-42-5	Styrene	0.49	0.80	0.49	0.13	**U**
95-47-6	o-Xylene	**0.53**	0.80	0.26	0.12	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.59**	0.70	0.23	0.10	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.2**	0.69	0.23	0.098	
120-82-1	1,2,4-Trichlorobenzene	0.28	0.88	0.28	0.11	**U**
91-20-3	Naphthalene	0.39	0.65	0.39	0.16	**U**
1330-20-7	Xylenes, Total	**2.0**	1.5	0.51	0.21	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01132

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.83

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.95	1.5	0.95	0.39	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.1**	0.54	0.33	0.090	
74-87-3	Chloromethane	0.79	1.3	0.79	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.74	1.2	0.74	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**1.1**	14	2.2	1.0	**J**
67-64-1	Acetone	**3.9**	11	5.8	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.38**	0.46	0.29	0.074	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.46	**U**
75-09-2	Methylene Chloride	0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.16**	0.35	0.11	0.051	**J**
75-15-0	Carbon Disulfide	**0.94**	1.6	0.88	0.26	**J**
75-34-3	1,1-Dichloroethane	0.42	0.68	0.42	0.098	**U**
78-93-3	2-Butanone (MEK)	**0.83**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	0.92	1.4	0.92	0.40	**U**
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	**7.5**	0.55	0.18	0.074	
109-99-9	Tetrahydrofuran (THF)	**3.6**	1.7	0.29	0.12	
107-06-2	1,2-Dichloroethane	0.21	0.66	0.21	0.074	**U**
71-43-2	Benzene	**0.20**	0.83	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**2.2**	0.41	0.14	0.060	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01132

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.83

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**0.52**	0.40	0.13	0.059	
79-01-6	Trichloroethene	0.16	0.48	0.16	0.068	**U**
123-91-1	1,4-Dioxane	0.24	0.74	0.24	0.089	**U**
142-82-5	n-Heptane	**0.49**	0.65	0.40	0.11	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.091	**U**
108-88-3	Toluene	**1.8**	0.70	0.23	0.088	
591-78-6	2-Hexanone	0.21	1.2	0.21	0.082	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.45**	0.39	0.13	0.052	
100-41-4	Ethylbenzene	**1.0**	0.61	0.20	0.088	
179601-23-1	m,p-Xylenes	**5.8**	1.2	0.40	0.16	
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**1.5**	0.62	0.20	0.090	
108-67-8	1,3,5-Trimethylbenzene	**1.5**	0.55	0.18	0.080	
95-63-6	1,2,4-Trimethylbenzene	**7.1**	0.54	0.18	0.077	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.69	0.22	0.089	**U**
91-20-3	Naphthalene	**1.2**	0.51	0.30	0.13	
1330-20-7	Xylenes, Total	**7.4**	1.2	0.40	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00928

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.96

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.44**	1.3	0.79	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.6**	0.44	0.27	0.074	
74-87-3	Chloromethane	0.65	1.1	0.65	0.18	**U**
75-01-4	Vinyl Chloride	0.28	0.88	0.28	0.094	**U**
106-99-0	1,3-Butadiene	0.61	0.99	0.61	0.17	**U**
75-00-3	Chloroethane	0.51	0.83	0.51	0.11	**U**
64-17-5	Ethanol	**10**	12	1.9	0.83	**J**
67-64-1	Acetone	**3.8**	9.3	4.8	2.1	**J**
75-69-4	Trichlorofluoromethane	**0.37**	0.38	0.24	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.85**	1.7	1.1	0.38	**J**
75-09-2	Methylene Chloride	**1.3**	0.63	0.39	0.18	
76-13-1	Trichlorotrifluoroethane	**0.15**	0.29	0.094	0.042	**J**
75-15-0	Carbon Disulfide	**1.3**	1.4	0.73	0.22	**J**
75-34-3	1,1-Dichloroethane	0.34	0.56	0.34	0.081	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.4	0.46	0.16	**J**
141-78-6	Ethyl Acetate	**1.9**	1.2	0.76	0.33	
110-54-3	n-Hexane	**0.26**	0.62	0.38	0.13	**J**
67-66-3	Chloroform	**7.0**	0.46	0.15	0.061	
109-99-9	Tetrahydrofuran (THF)	**3.2**	1.4	0.24	0.096	
107-06-2	1,2-Dichloroethane	0.18	0.54	0.18	0.062	**U**
71-43-2	Benzene	**0.17**	0.69	0.22	0.10	**J**
56-23-5	Carbon Tetrachloride	**2.0**	0.34	0.11	0.050	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00928

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.96

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.42	1.2	0.42	0.18	**U**
75-27-4	Bromodichloromethane	**0.48**	0.33	0.11	0.049	
79-01-6	Trichloroethene	0.13	0.40	0.13	0.057	**U**
123-91-1	1,4-Dioxane	0.20	0.61	0.20	0.074	**U**
142-82-5	n-Heptane	**0.21**	0.54	0.33	0.088	**J**
108-10-1	4-Methyl-2-pentanone	0.18	1.0	0.18	0.075	**U**
108-88-3	Toluene	**1.2**	0.58	0.19	0.073	
591-78-6	2-Hexanone	**0.092**	1.0	0.18	0.068	**J**
124-48-1	Dibromochloromethane	0.084	0.26	0.084	0.035	**U**
106-93-4	1,2-Dibromoethane	0.093	0.29	0.093	0.034	**U**
127-18-4	Tetrachloroethene	**0.30**	0.32	0.11	0.043	**J**
100-41-4	Ethylbenzene	**0.29**	0.51	0.17	0.073	**J**
179601-23-1	m,p-Xylenes	**1.6**	0.97	0.33	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.085	**U**
95-47-6	o-Xylene	**0.46**	0.52	0.17	0.075	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.43**	0.46	0.15	0.066	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.0**	0.45	0.15	0.064	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.57	0.18	0.074	**U**
91-20-3	Naphthalene	**0.57**	0.42	0.25	0.10	
1330-20-7	Xylenes, Total	**2.0**	0.97	0.33	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00926

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.83

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.88	1.4	0.88	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**1.6**	13	2.1	0.93	**J**
67-64-1	Acetone	5.4	10	5.4	2.4	**U**
75-69-4	Trichlorofluoromethane	**0.84**	0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.43	**U**
75-09-2	Methylene Chloride	0.44	0.71	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.33**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	**1.5**	1.5	0.82	0.24	**J**
75-34-3	1,1-Dichloroethane	0.39	0.63	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**0.30**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	**2.3**	1.3	0.86	0.37	
110-54-3	n-Hexane	**0.18**	0.70	0.43	0.15	**J**
67-66-3	Chloroform	**0.39**	0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	**0.89**	1.6	0.27	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**0.19**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.51**	0.39	0.13	0.056	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00926

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.83

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.22	0.69	0.22	0.083	**U**
142-82-5	n-Heptane	**0.41**	0.60	0.37	0.099	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.085	**U**
108-88-3	Toluene	**1.4**	0.66	0.21	0.082	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.077	**U**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.038	**U**
127-18-4	Tetrachloroethene	**0.051**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	**0.67**	0.57	0.19	0.082	
179601-23-1	m,p-Xylenes	**3.9**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**1.0**	0.58	0.19	0.084	
108-67-8	1,3,5-Trimethylbenzene	**1.0**	0.51	0.16	0.074	
95-63-6	1,2,4-Trimethylbenzene	**4.5**	0.50	0.16	0.072	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	**0.82**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**4.9**	1.1	0.37	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00972

Initial Pressure (psig): -3.15 Final Pressure (psig): 6.00

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.37**	1.4	0.83	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**41**	0.47	0.29	0.079	
74-87-3	Chloromethane	0.69	1.1	0.69	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.93	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.54	0.88	0.54	0.11	**U**
64-17-5	Ethanol	**0.96**	13	2.0	0.88	**J**
67-64-1	Acetone	**2.6**	9.8	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**4.3**	0.41	0.25	0.065	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.40	**U**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.87**	0.31	0.099	0.044	
75-15-0	Carbon Disulfide	**2.1**	1.4	0.78	0.23	
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.086	**U**
78-93-3	2-Butanone (MEK)	**0.30**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	0.81	1.2	0.81	0.35	**U**
110-54-3	n-Hexane	0.41	0.66	0.41	0.14	**U**
67-66-3	Chloroform	**0.22**	0.49	0.16	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**0.41**	1.5	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.065	**U**
71-43-2	Benzene	**0.36**	0.73	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.11**	0.36	0.12	0.053	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00972

Initial Pressure (psig): -3.15 Final Pressure (psig): 6.00

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.44	1.3	0.44	0.20	**U**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.060	**U**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.078	**U**
142-82-5	n-Heptane	**0.12**	0.57	0.35	0.093	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.080	**U**
108-88-3	Toluene	**0.53**	0.62	0.20	0.077	**J**
591-78-6	2-Hexanone	0.19	1.1	0.19	0.072	**U**
124-48-1	Dibromochloromethane	0.089	0.27	0.089	0.037	**U**
106-93-4	1,2-Dibromoethane	0.099	0.30	0.099	0.036	**U**
127-18-4	Tetrachloroethene	**0.13**	0.34	0.11	0.046	**J**
100-41-4	Ethylbenzene	**0.24**	0.54	0.18	0.077	**J**
179601-23-1	m,p-Xylenes	**1.3**	1.0	0.35	0.14	
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.090	**U**
95-47-6	o-Xylene	**0.38**	0.55	0.18	0.079	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.31**	0.48	0.15	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.6**	0.47	0.15	0.067	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	**0.48**	0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**1.7**	1.0	0.35	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.92

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.93	1.5	0.93	0.38	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**46**	0.53	0.32	0.088	
74-87-3	Chloromethane	**16**	1.3	0.78	0.21	
75-01-4	Vinyl Chloride	**3.7**	1.0	0.33	0.11	
106-99-0	1,3-Butadiene	**0.27**	1.2	0.72	0.20	**J**
75-00-3	Chloroethane	**2.9**	0.99	0.61	0.13	
64-17-5	Ethanol	**2.0**	14	2.2	0.98	**J**
67-64-1	Acetone	5.7	11	5.7	2.5	**U**
75-69-4	Trichlorofluoromethane	**4.9**	0.45	0.28	0.072	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.46	0.75	0.46	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.98**	0.35	0.11	0.050	
75-15-0	Carbon Disulfide	**120**	1.6	0.87	0.26	
75-34-3	1,1-Dichloroethane	**1.5**	0.67	0.41	0.096	
78-93-3	2-Butanone (MEK)	**2.5**	1.7	0.54	0.19	
141-78-6	Ethyl Acetate	0.90	1.4	0.90	0.39	**U**
110-54-3	n-Hexane	**2.9**	0.74	0.45	0.16	
67-66-3	Chloroform	**0.16**	0.54	0.17	0.073	**J**
109-99-9	Tetrahydrofuran (THF)	**18**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	**0.71**	0.64	0.21	0.073	
71-43-2	Benzene	**41**	0.81	0.27	0.12	
56-23-5	Carbon Tetrachloride	0.14	0.41	0.14	0.059	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.92

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5.2**	1.5	0.49	0.22	
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.067	**U**
123-91-1	1,4-Dioxane	0.24	0.72	0.24	0.087	**U**
142-82-5	n-Heptane	**1.1**	0.63	0.39	0.10	
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.089	**U**
108-88-3	Toluene	**130**	0.69	0.23	0.086	
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.23**	0.38	0.13	0.051	**J**
100-41-4	Ethylbenzene	**6.7**	0.60	0.20	0.086	
179601-23-1	m,p-Xylenes	**9.5**	1.2	0.39	0.16	
75-25-2	Bromoform	0.15	0.26	0.15	0.053	**U**
100-42-5	Styrene	0.38	0.61	0.38	0.10	**U**
95-47-6	o-Xylene	**3.0**	0.61	0.20	0.089	
108-67-8	1,3,5-Trimethylbenzene	**0.41**	0.54	0.17	0.078	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.1**	0.53	0.17	0.075	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.67	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.12	**U**
1330-20-7	Xylenes, Total	**12**	1.2	0.39	0.16	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01162

Initial Pressure (psig): -3.40 Final Pressure (psig): 6.28

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.86	1.4	0.86	0.35	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.48**	0.49	0.30	0.082	J
74-87-3	Chloromethane	0.72	1.2	0.72	0.19	U
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	U
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.19	U
75-00-3	Chloroethane	0.56	0.92	0.56	0.12	U
64-17-5	Ethanol	**11**	13	2.0	0.91	J
67-64-1	Acetone	**2.9**	10	5.3	2.3	J
75-69-4	Trichlorofluoromethane	**0.18**	0.42	0.26	0.067	J
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.42	U
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	U
76-13-1	Trichlorotrifluoroethane	**0.058**	0.32	0.10	0.046	J
75-15-0	Carbon Disulfide	**0.33**	1.5	0.81	0.24	J
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.090	U
78-93-3	2-Butanone (MEK)	**1.2**	1.6	0.50	0.17	J
141-78-6	Ethyl Acetate	0.84	1.3	0.84	0.36	U
110-54-3	n-Hexane	0.42	0.69	0.42	0.15	U
67-66-3	Chloroform	**53**	0.50	0.16	0.068	
109-99-9	Tetrahydrofuran (THF)	**0.16**	1.6	0.27	0.11	J
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.068	U
71-43-2	Benzene	0.25	0.76	0.25	0.11	U
56-23-5	Carbon Tetrachloride	**0.61**	0.38	0.13	0.055	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01162

Initial Pressure (psig): -3.40 Final Pressure (psig): 6.28

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.4	0.46	0.20	**U**
75-27-4	Bromodichloromethane	**3.2**	0.36	0.12	0.053	
79-01-6	Trichloroethene	**0.34**	0.44	0.15	0.062	**J**
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.081	**U**
142-82-5	n-Heptane	**0.12**	0.59	0.36	0.096	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.083	**U**
108-88-3	Toluene	**0.66**	0.64	0.21	0.080	
591-78-6	2-Hexanone	**0.12**	1.1	0.19	0.075	**J**
124-48-1	Dibromochloromethane	**0.069**	0.28	0.093	0.038	**J**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.34**	0.36	0.12	0.047	**J**
100-41-4	Ethylbenzene	**0.37**	0.56	0.18	0.080	**J**
179601-23-1	m,p-Xylenes	**2.2**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.094	**U**
95-47-6	o-Xylene	**0.69**	0.57	0.18	0.082	
108-67-8	1,3,5-Trimethylbenzene	**0.73**	0.50	0.16	0.073	
95-63-6	1,2,4-Trimethylbenzene	**3.3**	0.49	0.16	0.070	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.081	**U**
91-20-3	Naphthalene	**1.2**	0.46	0.28	0.12	
1330-20-7	Xylenes, Total	**2.9**	1.1	0.36	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00931

Initial Pressure (psig): -4.39 Final Pressure (psig): 5.75

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.73**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.68**	0.52	0.32	0.087	
74-87-3	Chloromethane	**0.39**	1.2	0.77	0.21	**J**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**7.3**	14	2.2	0.97	**J**
67-64-1	Acetone	**14**	11	5.6	2.5	
75-69-4	Trichlorofluoromethane	**0.19**	0.45	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.72**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	**0.66**	0.74	0.46	0.21	**J**
76-13-1	Trichlorotrifluoroethane	**0.078**	0.34	0.11	0.049	**J**
75-15-0	Carbon Disulfide	**0.36**	1.6	0.86	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**2.6**	1.7	0.54	0.18	
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	**0.16**	0.73	0.45	0.15	**J**
67-66-3	Chloroform	**81**	0.54	0.17	0.072	
109-99-9	Tetrahydrofuran (THF)	0.29	1.7	0.29	0.11	**U**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.072	**U**
71-43-2	Benzene	0.26	0.81	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**2.2**	0.40	0.13	0.058	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00931

Initial Pressure (psig): -4.39 Final Pressure (psig): 5.75

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	**9.1**	0.38	0.13	0.057	
79-01-6	Trichloroethene	**0.24**	0.47	0.16	0.066	**J**
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.087	**U**
142-82-5	n-Heptane	**0.19**	0.63	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	**0.11**	1.2	0.21	0.088	**J**
108-88-3	Toluene	**0.92**	0.68	0.22	0.085	
591-78-6	2-Hexanone	**0.43**	1.2	0.21	0.080	**J**
124-48-1	Dibromochloromethane	**0.26**	0.30	0.099	0.041	**J**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.81**	0.38	0.12	0.050	
100-41-4	Ethylbenzene	**0.51**	0.59	0.19	0.086	**J**
179601-23-1	m,p-Xylenes	**2.9**	1.1	0.39	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	**1.1**	0.60	0.19	0.088	
108-67-8	1,3,5-Trimethylbenzene	**1.7**	0.53	0.17	0.078	
95-63-6	1,2,4-Trimethylbenzene	**8.2**	0.52	0.17	0.075	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	**1.4**	0.49	0.29	0.12	
1330-20-7	Xylenes, Total	**4.0**	1.1	0.39	0.16	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01241

Initial Pressure (psig): -3.88 Final Pressure (psig): 5.95

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**10**	1.4	0.89	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**20**	13	2.1	0.94	
67-64-1	Acetone	**11**	10	5.4	2.4	
75-69-4	Trichlorofluoromethane	**0.18**	0.43	0.27	0.069	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**58**	1.9	1.2	0.43	
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.077**	0.33	0.11	0.047	**J**
75-15-0	Carbon Disulfide	**1.8**	1.5	0.83	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**2.8**	1.6	0.52	0.18	
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	0.43	0.70	0.43	0.15	**U**
67-66-3	Chloroform	**3.8**	0.52	0.17	0.069	
109-99-9	Tetrahydrofuran (THF)	**5.7**	1.6	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.070	**U**
71-43-2	Benzene	0.25	0.78	0.25	0.12	**U**
56-23-5	Carbon Tetrachloride	**2.2**	0.39	0.13	0.056	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01241

Initial Pressure (psig): -3.88 Final Pressure (psig): 5.95

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	**0.26**	0.37	0.12	0.055	**J**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**0.14**	0.61	0.37	0.099	**J**
108-10-1	4-Methyl-2-pentanone	**0.10**	1.2	0.20	0.085	**J**
108-88-3	Toluene	**0.52**	0.66	0.22	0.082	**J**
591-78-6	2-Hexanone	**0.23**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.25**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.29**	0.57	0.19	0.082	**J**
179601-23-1	m,p-Xylenes	**1.7**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**0.50**	0.58	0.19	0.085	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.51**	0.51	0.17	0.075	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.51	0.17	0.072	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.64	0.21	0.084	**U**
91-20-3	Naphthalene	**0.73**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**2.2**	1.1	0.37	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01231

Initial Pressure (psig): -4.38 Final Pressure (psig): 5.60

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.7**	1.5	0.92	0.37	
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.6**	0.52	0.32	0.087	
74-87-3	Chloromethane	**0.55**	1.2	0.76	0.21	**J**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.20	**U**
75-00-3	Chloroethane	**0.80**	0.97	0.60	0.12	**J**
64-17-5	Ethanol	**17**	14	2.2	0.97	
67-64-1	Acetone	**4.1**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.46**	0.45	0.28	0.071	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.87**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	0.45	0.74	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.17**	0.34	0.11	0.049	**J**
75-15-0	Carbon Disulfide	**7.3**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**2.9**	1.7	0.53	0.18	
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	**0.69**	0.73	0.45	0.15	**J**
67-66-3	Chloroform	**0.095**	0.53	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**0.95**	1.7	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.63	0.21	0.072	**U**
71-43-2	Benzene	**0.23**	0.80	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.65**	0.40	0.13	0.058	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01231

Initial Pressure (psig): -4.38 Final Pressure (psig): 5.60

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.21	**U**
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.066	**U**
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.086	**U**
142-82-5	n-Heptane	**0.48**	0.63	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.088	**U**
108-88-3	Toluene	**0.94**	0.68	0.22	0.085	
591-78-6	2-Hexanone	**0.36**	1.2	0.20	0.079	**J**
124-48-1	Dibromochloromethane	0.098	0.30	0.098	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.040	**U**
127-18-4	Tetrachloroethene	0.12	0.38	0.12	0.050	**U**
100-41-4	Ethylbenzene	**0.42**	0.59	0.19	0.085	**J**
179601-23-1	m,p-Xylenes	**2.1**	1.1	0.39	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	**0.67**	0.60	0.19	0.087	
108-67-8	1,3,5-Trimethylbenzene	**0.56**	0.53	0.17	0.077	
95-63-6	1,2,4-Trimethylbenzene	**2.4**	0.52	0.17	0.074	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	**0.79**	0.49	0.29	0.12	
1330-20-7	Xylenes, Total	**2.7**	1.1	0.39	0.16	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -3.79 Final Pressure (psig): 6.03

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.74**	1.4	0.88	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**20**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**3.8**	13	2.1	0.93	**J**
67-64-1	Acetone	**11**	10	5.4	2.4	
75-69-4	Trichlorofluoromethane	**1.9**	0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.48**	1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.71	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.35**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	**0.28**	1.5	0.82	0.24	**J**
75-34-3	1,1-Dichloroethane	0.39	0.63	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**1.4**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	**4.0**	0.70	0.43	0.15	
67-66-3	Chloroform	**0.099**	0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	0.27	1.6	0.27	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**3.2**	0.77	0.25	0.11	
56-23-5	Carbon Tetrachloride	**0.066**	0.39	0.13	0.056	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -3.79 Final Pressure (psig): 6.03

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.5**	1.4	0.47	0.21	
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.22	0.69	0.22	0.083	**U**
142-82-5	n-Heptane	**1.4**	0.60	0.37	0.099	
108-10-1	4-Methyl-2-pentanone	**0.086**	1.2	0.20	0.085	**J**
108-88-3	Toluene	**4.5**	0.66	0.21	0.082	
591-78-6	2-Hexanone	**0.36**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.038	**U**
127-18-4	Tetrachloroethene	**0.091**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	**0.24**	0.57	0.19	0.082	**J**
179601-23-1	m,p-Xylenes	**1.3**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**0.14**	0.58	0.19	0.084	**J**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.51	0.16	0.074	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.11**	0.50	0.16	0.072	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	**1.4**	1.1	0.37	0.15	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	18	29	18	7.3	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**28**	10	6.3	1.7	
74-87-3	Chloromethane	**30**	24	15	4.0	
75-01-4	Vinyl Chloride	**4.6**	20	6.5	2.2	**J**
106-99-0	1,3-Butadiene	14	23	14	3.9	**U**
75-00-3	Chloroethane	**4.3**	19	12	2.4	**J**
64-17-5	Ethanol	**220**	270	43	19	**J**
67-64-1	Acetone	110	210	110	49	**U**
75-69-4	Trichlorofluoromethane	**2.6**	8.8	5.5	1.4	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	25	39	25	8.7	**U**
75-09-2	Methylene Chloride	8.9	15	8.9	4.2	**U**
76-13-1	Trichlorotrifluoroethane	2.2	6.7	2.2	0.96	**U**
75-15-0	Carbon Disulfide	**100**	31	17	5.0	
75-34-3	1,1-Dichloroethane	7.9	13	7.9	1.9	**U**
78-93-3	2-Butanone (MEK)	**18**	33	11	3.6	**J**
141-78-6	Ethyl Acetate	18	27	18	7.5	**U**
110-54-3	n-Hexane	**13**	14	8.8	3.0	**J**
67-66-3	Chloroform	**1.8**	11	3.4	1.4	**J**
109-99-9	Tetrahydrofuran (THF)	**72**	33	5.6	2.2	
107-06-2	1,2-Dichloroethane	4.1	12	4.1	1.4	**U**
71-43-2	Benzene	**57**	16	5.2	2.3	
56-23-5	Carbon Tetrachloride	2.6	7.9	2.6	1.1	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**19**	28	9.6	4.2	**J**
75-27-4	Bromodichloromethane	2.5	7.5	2.5	1.1	**U**
79-01-6	Trichloroethene	3.1	9.2	3.1	1.3	**U**
123-91-1	1,4-Dioxane	4.6	14	4.6	1.7	**U**
142-82-5	n-Heptane	**3.2**	12	7.6	2.0	**J**
108-10-1	4-Methyl-2-pentanone	4.0	24	4.0	1.7	**U**
108-88-3	Toluene	**200**	13	4.4	1.7	
591-78-6	2-Hexanone	4.0	24	4.0	1.6	**U**
124-48-1	Dibromochloromethane	1.9	5.9	1.9	0.80	**U**
106-93-4	1,2-Dibromoethane	2.1	6.6	2.1	0.78	**U**
127-18-4	Tetrachloroethene	2.4	7.4	2.4	0.99	**U**
100-41-4	Ethylbenzene	**8.7**	12	3.8	1.7	**J**
179601-23-1	m,p-Xylenes	**16**	22	7.6	3.1	**J**
75-25-2	Bromoform	3.0	5.0	3.0	1.0	**U**
100-42-5	Styrene	7.3	12	7.3	2.0	**U**
95-47-6	o-Xylene	**5.2**	12	3.8	1.7	**J**
108-67-8	1,3,5-Trimethylbenzene	3.4	10	3.4	1.5	**U**
95-63-6	1,2,4-Trimethylbenzene	**3.3**	10	3.4	1.5	**J**
120-82-1	1,2,4-Trichlorobenzene	4.2	13	4.2	1.7	**U**
91-20-3	Naphthalene	5.7	9.6	5.7	2.4	**U**
1330-20-7	Xylenes, Total	**22**	22	7.6	3.1	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.83

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.85**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**5.6**	13	2.0	0.90	**J**
67-64-1	Acetone	**21**	10	5.2	2.3	
75-69-4	Trichlorofluoromethane	**0.23**	0.42	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.94**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	**2.0**	0.69	0.42	0.20	
76-13-1	Trichlorotrifluoroethane	**0.085**	0.32	0.10	0.046	**J**
75-15-0	Carbon Disulfide	0.80	1.5	0.80	0.24	**U**
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**4.1**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	**0.81**	1.3	0.83	0.36	**J**
110-54-3	n-Hexane	**0.81**	0.68	0.42	0.14	
67-66-3	Chloroform	**100**	5.0	1.6	0.67	**D**
109-99-9	Tetrahydrofuran (THF)	**0.28**	1.6	0.27	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.97**	0.75	0.24	0.11	
56-23-5	Carbon Tetrachloride	**0.75**	0.37	0.12	0.054	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.83

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.4**		1.3	0.45	0.20	
75-27-4	Bromodichloromethane	**41**		0.36	0.12	0.053	
79-01-6	Trichloroethene	**0.27**		0.44	0.15	0.062	**J**
123-91-1	1,4-Dioxane		0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**3.0**		0.58	0.36	0.095	
108-10-1	4-Methyl-2-pentanone	**0.55**		1.1	0.19	0.082	**J**
108-88-3	Toluene	**8.9**		0.63	0.21	0.079	
591-78-6	2-Hexanone	**1.6**		1.1	0.19	0.074	
124-48-1	Dibromochloromethane	**3.3**		0.28	0.092	0.038	
106-93-4	1,2-Dibromoethane	**0.12**		0.31	0.10	0.037	**J**
127-18-4	Tetrachloroethene	**0.49**		0.35	0.12	0.047	
100-41-4	Ethylbenzene	**4.3**		0.55	0.18	0.079	
179601-23-1	m,p-Xylenes	**25**		1.1	0.36	0.15	
75-25-2	Bromoform	**0.076**		0.24	0.14	0.049	**J**
100-42-5	Styrene		0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**8.0**		0.56	0.18	0.082	
108-67-8	1,3,5-Trimethylbenzene	**5.9**		0.50	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	**24**		0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene		0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**7.0**		0.46	0.27	0.11	
1330-20-7	Xylenes, Total	**33**		1.1	0.36	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	U
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	U
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	U
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	U
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	U
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	U
108-88-3	Toluene	0.045	0.14	0.045	0.017	U
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	U
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	U
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	U
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	U
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	U
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	U
75-25-2	Bromoform	0.031	0.051	0.031	0.011	U
100-42-5	Styrene	0.075	0.12	0.075	0.020	U
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	U
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	U
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	U
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	U
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	U
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	U
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	U
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	U
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	U
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	U
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	U
108-88-3	Toluene	0.045	0.14	0.045	0.017	U
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	U
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	U
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	U
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	U
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	U
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	U
75-25-2	Bromoform	0.031	0.051	0.031	0.011	U
100-42-5	Styrene	0.075	0.12	0.075	0.020	U
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	U
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	U
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	U
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	U
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	U
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	U
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	U
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	U
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	U
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	U
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	U
108-88-3	Toluene	0.045	0.14	0.045	0.017	U
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	U
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	U
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	U
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	U
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	U
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	U
75-25-2	Bromoform	0.031	0.051	0.031	0.011	U
100-42-5	Styrene	0.075	0.12	0.075	0.020	U
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	U
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	U
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	U
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	U
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	U
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102031

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12 - 4/13/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/16/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/8 - 5/10/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210508-MB	**97**	**105**	**98**	70-130	
Method Blank	P210509-MB	**93**	**107**	**109**	70-130	
Method Blank	P210510-MB	**94**	**105**	**104**	70-130	
Lab Control Sample	P210508-LCS	**94**	**100**	**98**	70-130	
Lab Control Sample	P210509-LCS	**92**	**101**	**108**	70-130	
Lab Control Sample	P210510-LCS	**92**	**100**	**101**	70-130	
Duplicate Lab Control Sample	P210508-DLCS	**94**	**100**	**97**	70-130	
Duplicate Lab Control Sample	P210509-DLCS	**91**	**101**	**104**	70-130	
Duplicate Lab Control Sample	P210510-DLCS	**93**	**100**	**101**	70-130	
SV115-250-212	P2102031-001	**97**	**104**	**103**	70-130	
SV115-350-212	P2102031-002	**97**	**103**	**101**	70-130	
SV115-450-212	P2102031-003	**92**	**105**	**103**	70-130	
SV120-025-212	P2102031-004	**95**	**104**	**104**	70-130	
SV120-025-612	P2102031-005	**98**	**104**	**101**	70-130	
SV120-050-212	P2102031-006	**97**	**103**	**101**	70-130	
SV120-150-212	P2102031-007	**97**	**102**	**101**	70-130	
SV120-250-212	P2102031-008	**97**	**103**	**103**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102031

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12 - 4/13/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/16/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/8 - 5/10/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV120-350-212	P2102031-009	**93**	**106**	**105**	70-130	
SV120-450-212	P2102031-010	**92**	**105**	**107**	70-130	
SV121-025-212	P2102031-011	**92**	**106**	**107**	70-130	
SV121-050-212	P2102031-012	**93**	**106**	**114**	70-130	
SV121-145-612	P2102031-013	**94**	**105**	**115**	70-130	
SV121-145-212	P2102031-014	**93**	**105**	**112**	70-130	
SV121-250-212	P2102031-015	**94**	**104**	**109**	70-130	
SV121-350-212	P2102031-016	**95**	**103**	**107**	70-130	
SV121-450-212	P2102031-017	**94**	**105**	**103**	70-130	
SV122-025-212	P2102031-018	**96**	**104**	**102**	70-130	
SV122-050-212	P2102031-019	**97**	**104**	**103**	70-130	
SV122-150-212	P2102031-020	**95**	**104**	**103**	70-130	
SV122-250-212	P2102031-021	**95**	**103**	**103**	70-130	
SV122-350-212	P2102031-022	**96**	**105**	**103**	70-130	
SV122-450-212	P2102031-023	**93**	**105**	**102**	70-130	
SV122-450-212	P2102031-023DUP	**93**	**105**	**101**	70-130	
SV123-025-212	P2102031-024	**94**	**105**	**103**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	103	103	**84**	**84**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.3	37.1	**88**	**87**	59-128	1	25	
74-87-3	Chloromethane	99.8	103	100	**103**	**100**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	79.7	79.7	**98**	**98**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	103	103	**108**	**108**	66-134	0	25	
75-00-3	Chloroethane	77.3	78.7	79.3	**102**	**103**	63-127	1	25	
64-17-5	Ethanol	530	484	491	**91**	**93**	59-125	2	25	
67-64-1	Acetone	435	391	396	**90**	**91**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	32.5	32.6	**90**	**90**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	150	152	**90**	**92**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	55.9	56.6	**93**	**94**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.4	25.7	**91**	**92**	66-126	1	25	
75-15-0	Carbon Disulfide	137	131	132	**96**	**96**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	47.0	47.8	**90**	**91**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	135	137	**96**	**98**	67-130	2	25	
141-78-6	Ethyl Acetate	117	145	148	**124**	**126**	65-128	2	25	
110-54-3	n-Hexane	60.2	51.1	52.2	**85**	**87**	63-120	2	25	
67-66-3	Chloroform	43.8	39.1	39.6	**89**	**90**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	125	126	**92**	**93**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	46.7	47.4	**91**	**92**	65-128	1	25	
71-43-2	Benzene	63.9	52.7	53.2	**82**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.4	30.4	**91**	**91**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	114	115	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.2	29.4	**93**	**94**	72-128	1	25	
79-01-6	Trichloroethene	38.3	35.9	36.1	**94**	**94**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	51.0	51.4	**88**	**89**	71-122	1	25	
142-82-5	n-Heptane	51.3	47.9	48.4	**93**	**94**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	101	103	**99**	**101**	67-130	2	25	
108-88-3	Toluene	54.7	49.3	49.4	**90**	**90**	66-119	0	25	
591-78-6	2-Hexanone	98.7	94.8	96.3	**96**	**98**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	25.7	25.7	**104**	**104**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	27.9	27.9	**103**	**103**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	28.1	28.2	**92**	**93**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	44.9	45.0	**95**	**95**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	89.6	88.1	**94**	**93**	61-134	1	25	
75-25-2	Bromoform	20.1	21.7	21.8	**108**	**108**	66-139	0	25	
100-42-5	Styrene	48.4	44.8	44.8	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	47.4	44.5	44.7	**94**	**94**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.6	39.4	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.3	40.3	**97**	**97**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	52.6	53.0	**101**	**101**	55-142	0	25	
91-20-3	Naphthalene	37.8	39.8	40.3	**105**	**107**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	92.2	93.3	**76**	**76**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.6	36.7	**88**	**86**	59-128	2	25	
74-87-3	Chloromethane	99.8	90.4	91.9	**91**	**92**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	71.7	74.7	**88**	**92**	64-127	4	25	
106-99-0	1,3-Butadiene	95.0	89.8	94.4	**95**	**99**	66-134	4	25	
75-00-3	Chloroethane	77.3	68.1	71.5	**88**	**92**	63-127	4	25	
64-17-5	Ethanol	530	401	432	**76**	**82**	59-125	8	25	
67-64-1	Acetone	435	345	359	**79**	**83**	58-128	5	25	
75-69-4	Trichlorofluoromethane	36.3	32.9	32.4	**91**	**89**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	129	137	**78**	**83**	52-125	6	25	
75-09-2	Methylene Chloride	59.9	52.4	53.9	**87**	**90**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.0	25.7	**93**	**92**	66-126	1	25	
75-15-0	Carbon Disulfide	137	122	125	**89**	**91**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	43.1	44.5	**82**	**85**	68-126	4	25	
78-93-3	2-Butanone (MEK)	140	125	129	**89**	**92**	67-130	3	25	
141-78-6	Ethyl Acetate	117	130	136	**111**	**116**	65-128	4	25	
110-54-3	n-Hexane	60.2	45.4	47.4	**75**	**79**	63-120	5	25	
67-66-3	Chloroform	43.8	38.1	38.2	**87**	**87**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	116	119	**85**	**88**	64-123	3	25	
107-06-2	1,2-Dichloroethane	51.4	45.7	45.8	**89**	**89**	65-128	0	25	
71-43-2	Benzene	63.9	50.3	51.2	**79**	**80**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	31.8	31.2	**95**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	110	111	**91**	**92**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.0	29.0	**92**	**92**	72-128	0	25	
79-01-6	Trichloroethene	38.3	36.8	36.4	**96**	**95**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	49.7	49.9	**86**	**86**	71-122	0	25	
142-82-5	n-Heptane	51.3	45.5	46.1	**89**	**90**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	92.8	95.0	**91**	**93**	67-130	2	25	
108-88-3	Toluene	54.7	49.9	49.7	**91**	**91**	66-119	0	25	
591-78-6	2-Hexanone	98.7	87.4	90.3	**89**	**91**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	27.3	26.6	**111**	**108**	70-130	3	25	
106-93-4	1,2-Dibromoethane	27.1	29.0	28.5	**107**	**105**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	30.6	29.8	**101**	**98**	66-124	3	25	
100-41-4	Ethylbenzene	47.4	46.2	45.7	**97**	**96**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	92.5	91.2	**97**	**96**	61-134	1	25	
75-25-2	Bromoform	20.1	23.8	23.1	**118**	**115**	66-139	3	25	
100-42-5	Styrene	48.4	47.0	45.9	**97**	**95**	73-127	2	25	
95-47-6	o-Xylene	47.4	46.3	45.4	**98**	**96**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	42.1	41.0	**100**	**98**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	43.2	41.7	**104**	**100**	66-132	4	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	60.1	57.2	**115**	**109**	55-142	5	25	
91-20-3	Naphthalene	37.8	44.6	42.9	**118**	**113**	57-138	4	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	95.9	96.9	**79**	**79**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	35.3	35.4	**83**	**83**	59-128	0	25	
74-87-3	Chloromethane	99.8	93.5	94.2	**94**	**94**	59-132	0	25	
75-01-4	Vinyl Chloride	81.4	76.2	76.6	**94**	**94**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	98.2	98.0	**103**	**103**	66-134	0	25	
75-00-3	Chloroethane	77.3	76.3	76.2	**99**	**99**	63-127	0	25	
64-17-5	Ethanol	530	470	469	**89**	**88**	59-125	1	25	
67-64-1	Acetone	435	373	376	**86**	**86**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	31.2	31.4	**86**	**87**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	145	146	**87**	**88**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	54.3	54.6	**91**	**91**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.7	24.9	**89**	**89**	66-126	0	25	
75-15-0	Carbon Disulfide	137	127	127	**93**	**93**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	45.6	45.8	**87**	**87**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	131	132	**94**	**94**	67-130	0	25	
141-78-6	Ethyl Acetate	117	141	142	**121**	**121**	65-128	0	25	
110-54-3	n-Hexane	60.2	49.3	49.4	**82**	**82**	63-120	0	25	
67-66-3	Chloroform	43.8	37.9	37.9	**87**	**87**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	120	121	**88**	**89**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	45.1	45.0	**88**	**88**	65-128	0	25	
71-43-2	Benzene	63.9	51.1	50.8	**80**	**79**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	29.1	29.1	**87**	**87**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	110	110	**91**	**91**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	28.3	28.2	**90**	**90**	72-128	0	25	
79-01-6	Trichloroethene	38.3	35.0	34.7	**91**	**91**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	49.5	49.3	**86**	**85**	71-122	1	25	
142-82-5	n-Heptane	51.3	46.1	45.9	**90**	**89**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	97.4	96.9	**95**	**95**	67-130	0	25	
108-88-3	Toluene	54.7	47.7	47.6	**87**	**87**	66-119	0	25	
591-78-6	2-Hexanone	98.7	90.9	91.1	**92**	**92**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	24.8	24.7	**100**	**100**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	27.2	27.1	**100**	**100**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	27.4	27.2	**90**	**89**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	43.5	43.3	**92**	**91**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	84.8	86.5	**89**	**91**	61-134	2	25	
75-25-2	Bromoform	20.1	21.1	21.1	**105**	**105**	66-139	0	25	
100-42-5	Styrene	48.4	43.3	43.3	**89**	**89**	73-127	0	25	
95-47-6	o-Xylene	47.4	43.0	42.8	**91**	**90**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	38.2	38.2	**91**	**91**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.0	38.8	**94**	**93**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	51.5	51.6	**98**	**99**	55-142	1	25	
91-20-3	Naphthalene	37.8	38.8	39.1	**103**	**103**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	28	24	26	**15**	25	
Chloromethane	30	27	28.5	**11**	25	
Vinyl Chloride	4.6	4.1	4.35	**11**	25	**J**
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	4.3	3.5	3.9	**21**	25	**J**
Ethanol	220	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	2.6	2.3	2.45	**12**	25	**J**
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	100	90	95	**11**	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	18	16	17	**12**	25	**J**
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	13	10	11.5	**26**	25	**J, R1**
Chloroform	1.8	ND	-	-	25	
Tetrahydrofuran (THF)	72	65	68.5	**10**	25	
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	57	48	52.5	**17**	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	19	14	16.5	**30**	25	**J, R1**
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	3.2	2.3	2.75	**33**	25	**J, R1**
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	200	180	190	**11**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	ND	ND	-	-	25	
Ethylbenzene	8.7	7.6	8.15	**13**	25	**J**
m,p-Xylenes	16	14	15	**13**	25	**J**
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	5.2	4.3	4.75	**19**	25	**J**
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	3.3	2.6	2.95	**24**	25	**J**
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	22	18	20	**20**	25	**J**

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00152

Initial Pressure (psig): -2.53 Final Pressure (psig): 6.11

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	2.2	1.4	0.56	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.65**	2.2	1.4	0.37	**J**
74-87-3	Chloromethane	1.4	2.2	1.4	0.37	**U**
75-01-4	Vinyl Chloride	0.73	2.3	0.73	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**3.2**	23	3.5	1.6	**J**
67-64-1	Acetone	**17**	22	12	5.1	**J**
75-69-4	Trichlorofluoromethane	**0.62**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.7	4.3	2.7	0.94	**U**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.64	**U**
76-13-1	Trichlorotrifluoroethane	**1.4**	2.3	0.73	0.32	**J**
75-15-0	Carbon Disulfide	**9.7**	4.3	2.3	0.68	
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**3.0**	4.3	1.4	0.47	**J**
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**2.9**	2.2	1.4	0.47	
67-66-3	Chloroform	0.73	2.3	0.73	0.30	**U**
109-99-9	Tetrahydrofuran (THF)	**0.37**	4.3	0.73	0.29	**J**
107-06-2	1,2-Dichloroethane	0.73	2.2	0.73	0.25	**U**
71-43-2	Benzene	**3.3**	2.2	0.73	0.33	
56-23-5	Carbon Tetrachloride	**0.91**	2.2	0.73	0.32	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-001

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00152

Initial Pressure (psig): -2.53 Final Pressure (psig): 6.11

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.6**	4.3	1.5	0.64	**J**
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	**0.96**	2.2	0.73	0.31	**J**
123-91-1	1,4-Dioxane	0.73	2.2	0.73	0.27	**U**
142-82-5	n-Heptane	**7.5**	2.2	1.4	0.36	
108-10-1	4-Methyl-2-pentanone	0.73	4.3	0.73	0.31	**U**
108-88-3	Toluene	**22**	2.2	0.73	0.28	
591-78-6	2-Hexanone	0.73	4.3	0.73	0.28	**U**
124-48-1	Dibromochloromethane	0.73	2.2	0.73	0.30	**U**
106-93-4	1,2-Dibromoethane	0.73	2.2	0.73	0.27	**U**
127-18-4	Tetrachloroethene	**1.5**	2.2	0.73	0.29	**J**
100-41-4	Ethylbenzene	**5.2**	2.2	0.73	0.32	
179601-23-1	m,p-Xylenes	**29**	4.3	1.5	0.60	
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**8.6**	2.3	0.73	0.33	
108-67-8	1,3,5-Trimethylbenzene	**9.1**	2.3	0.73	0.33	
95-63-6	1,2,4-Trimethylbenzene	**30**	2.2	0.73	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**2.6**	2.2	1.3	0.56	
1330-20-7	Xylenes, Total	**38**	4.3	1.5	0.60	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00775

Initial Pressure (psig): -4.34 Final Pressure (psig): 5.70

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.1**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	1.6	2.6	1.6	0.43	**U**
74-87-3	Chloromethane	**0.48**	2.6	1.6	0.42	**J**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.43	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**2.9**	26	4.1	1.8	**J**
67-64-1	Acetone	**12**	26	13	5.9	**J**
75-69-4	Trichlorofluoromethane	1.6	2.5	1.6	0.40	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	4.9	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	0.84	2.6	0.84	0.37	**U**
75-15-0	Carbon Disulfide	**33**	4.9	2.7	0.79	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**1.7**	4.9	1.6	0.54	**J**
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	**0.92**	2.6	1.6	0.54	**J**
67-66-3	Chloroform	0.84	2.6	0.84	0.35	**U**
109-99-9	Tetrahydrofuran (THF)	**15**	4.9	0.84	0.33	
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**2.5**	2.6	0.84	0.38	**J**
56-23-5	Carbon Tetrachloride	0.84	2.5	0.84	0.36	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-002

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00775

Initial Pressure (psig): -4.34 Final Pressure (psig): 5.70

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.89**	4.9	1.7	0.74	**J**
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	**11**	2.5	0.84	0.35	
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	**2.5**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.84	4.9	0.84	0.36	**U**
108-88-3	Toluene	**8.6**	2.6	0.84	0.32	
591-78-6	2-Hexanone	0.84	4.9	0.84	0.33	**U**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.34	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**0.92**	2.6	0.84	0.34	**J**
100-41-4	Ethylbenzene	**2.1**	2.6	0.84	0.37	**J**
179601-23-1	m,p-Xylenes	**11**	4.9	1.7	0.69	
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.42	**U**
95-47-6	o-Xylene	**3.5**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**3.7**	2.6	0.84	0.38	
95-63-6	1,2,4-Trimethylbenzene	**13**	2.6	0.84	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	**2.0**	2.6	1.5	0.64	**J**
1330-20-7	Xylenes, Total	**15**	4.9	1.7	0.69	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00186

Initial Pressure (psig): -1.16 Final Pressure (psig): 5.47

Container Dilution Factor: 1.49

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**320**	260	160	65	
75-71-8	Dichlorodifluoromethane (CFC 12)	160	260	160	43	**U**
74-87-3	Chloromethane	160	260	160	43	**U**
75-01-4	Vinyl Chloride	84	260	84	28	**U**
106-99-0	1,3-Butadiene	160	260	160	44	**U**
75-00-3	Chloroethane	160	260	160	33	**U**
64-17-5	Ethanol	410	2,600	410	180	**U**
67-64-1	Acetone	1,300	2,600	1,300	600	**U**
75-69-4	Trichlorofluoromethane	160	250	160	40	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	310	500	310	110	**U**
75-09-2	Methylene Chloride	160	260	160	75	**U**
76-13-1	Trichlorotrifluoroethane	**85**	260	84	38	**J**
75-15-0	Carbon Disulfide	270	500	270	79	**U**
75-34-3	1,1-Dichloroethane	160	270	160	39	**U**
78-93-3	2-Butanone (MEK)	160	500	160	55	**U**
141-78-6	Ethyl Acetate	**930**	500	320	140	
110-54-3	n-Hexane	**880**	260	160	55	
67-66-3	Chloroform	84	260	84	35	**U**
109-99-9	Tetrahydrofuran (THF)	84	500	84	33	**U**
107-06-2	1,2-Dichloroethane	84	260	84	29	**U**
71-43-2	Benzene	**2,700**	260	84	38	
56-23-5	Carbon Tetrachloride	84	250	84	37	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV115-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-003

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00186

Initial Pressure (psig): -1.16 Final Pressure (psig): 5.47

Container Dilution Factor: 1.49

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,500**	500	170	75	
75-27-4	Bromodichloromethane	84	260	84	38	**U**
79-01-6	Trichloroethene	84	250	84	36	**U**
123-91-1	1,4-Dioxane	84	260	84	31	**U**
142-82-5	n-Heptane	**140**	260	160	42	**J**
108-10-1	4-Methyl-2-pentanone	84	500	84	36	**U**
108-88-3	Toluene	**3,800**	260	84	32	
591-78-6	2-Hexanone	84	500	84	33	**U**
124-48-1	Dibromochloromethane	84	260	84	35	**U**
106-93-4	1,2-Dibromoethane	84	260	84	31	**U**
127-18-4	Tetrachloroethene	**97**	260	84	34	**J**
100-41-4	Ethylbenzene	**160**	260	84	37	**J**
179601-23-1	m,p-Xylenes	**550**	500	170	70	
75-25-2	Bromoform	160	260	160	55	**U**
100-42-5	Styrene	160	260	160	43	**U**
95-47-6	o-Xylene	**270**	260	84	38	
108-67-8	1,3,5-Trimethylbenzene	**97**	260	84	38	**J**
95-63-6	1,2,4-Trimethylbenzene	**78**	260	84	37	**J**
120-82-1	1,2,4-Trichlorobenzene	160	500	160	65	**U**
91-20-3	Naphthalene	150	260	150	65	**U**
1330-20-7	Xylenes, Total	**830**	500	170	70	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -4.76 Final Pressure (psig): 5.80

Container Dilution Factor: 2.06

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.79**	2.7	1.6	0.67	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.9**	2.7	1.6	0.45	
74-87-3	Chloromethane	1.6	2.7	1.6	0.44	**U**
75-01-4	Vinyl Chloride	0.88	2.7	0.88	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.7	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	**U**
64-17-5	Ethanol	**7.4**	27	4.3	1.9	**J**
67-64-1	Acetone	**18**	27	14	6.2	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.6	1.6	0.42	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.2	3.2	1.1	**U**
75-09-2	Methylene Chloride	**2.2**	2.7	1.6	0.77	**J**
76-13-1	Trichlorotrifluoroethane	**0.60**	2.7	0.88	0.39	**J**
75-15-0	Carbon Disulfide	**40**	5.2	2.8	0.82	
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**5.9**	5.2	1.6	0.57	
141-78-6	Ethyl Acetate	3.3	5.2	3.3	1.4	**U**
110-54-3	n-Hexane	**2.4**	2.7	1.6	0.57	**J**
67-66-3	Chloroform	**460**	2.7	0.88	0.37	
109-99-9	Tetrahydrofuran (THF)	**0.96**	5.2	0.88	0.35	**J**
107-06-2	1,2-Dichloroethane	0.88	2.7	0.88	0.30	**U**
71-43-2	Benzene	**1.1**	2.7	0.88	0.40	**J**
56-23-5	Carbon Tetrachloride	**3.3**	2.6	0.88	0.38	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -4.76 Final Pressure (psig): 5.80

Container Dilution Factor: 2.06

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.8**	5.2	1.8	0.77	**J**
75-27-4	Bromodichloromethane	**120**	2.7	0.88	0.40	
79-01-6	Trichloroethene	**2.2**	2.6	0.88	0.37	**J**
123-91-1	1,4-Dioxane	0.88	2.7	0.88	0.32	**U**
142-82-5	n-Heptane	**5.4**	2.7	1.6	0.44	
108-10-1	4-Methyl-2-pentanone	**0.43**	5.2	0.88	0.38	**J**
108-88-3	Toluene	**9.1**	2.7	0.88	0.33	
591-78-6	2-Hexanone	**2.6**	5.2	0.88	0.34	**J**
124-48-1	Dibromochloromethane	**3.6**	2.7	0.88	0.36	
106-93-4	1,2-Dibromoethane	0.88	2.7	0.88	0.32	**U**
127-18-4	Tetrachloroethene	**3.6**	2.7	0.88	0.36	
100-41-4	Ethylbenzene	**4.6**	2.7	0.88	0.39	
179601-23-1	m,p-Xylenes	**28**	5.2	1.8	0.72	
75-25-2	Bromoform	1.6	2.7	1.6	0.57	**U**
100-42-5	Styrene	1.6	2.7	1.6	0.44	**U**
95-47-6	o-Xylene	**8.6**	2.7	0.88	0.40	
108-67-8	1,3,5-Trimethylbenzene	**10**	2.7	0.88	0.40	
95-63-6	1,2,4-Trimethylbenzene	**44**	2.7	0.88	0.38	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.2	1.6	0.67	**U**
91-20-3	Naphthalene	**5.9**	2.7	1.6	0.67	
1330-20-7	Xylenes, Total	**37**	5.2	1.8	0.72	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00507

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.95

Container Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.3**	2.2	1.3	0.54	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.8**	2.2	1.3	0.36	
74-87-3	Chloromethane	**0.44**	2.2	1.3	0.36	**J**
75-01-4	Vinyl Chloride	0.71	2.2	0.71	0.24	**U**
106-99-0	1,3-Butadiene	1.3	2.2	1.3	0.37	**U**
75-00-3	Chloroethane	1.3	2.2	1.3	0.28	**U**
64-17-5	Ethanol	**13**	22	3.5	1.5	**J**
67-64-1	Acetone	**27**	22	11	5.0	
75-69-4	Trichlorofluoromethane	**1.4**	2.1	1.3	0.34	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.4**	4.2	2.6	0.92	
75-09-2	Methylene Chloride	**2.8**	2.2	1.3	0.63	
76-13-1	Trichlorotrifluoroethane	**0.58**	2.2	0.71	0.32	**J**
75-15-0	Carbon Disulfide	**1.9**	4.2	2.3	0.67	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**7.1**	4.2	1.3	0.46	
141-78-6	Ethyl Acetate	**25**	4.2	2.7	1.2	
110-54-3	n-Hexane	**2.2**	2.2	1.3	0.46	**J**
67-66-3	Chloroform	**430**	22	7.1	3.0	**D**
109-99-9	Tetrahydrofuran (THF)	**1.6**	4.2	0.71	0.28	**J**
107-06-2	1,2-Dichloroethane	0.71	2.2	0.71	0.25	**U**
71-43-2	Benzene	**5.2**	2.2	0.71	0.32	
56-23-5	Carbon Tetrachloride	**3.1**	2.1	0.71	0.31	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-025-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00507

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.95

Container Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.0**	4.2	1.4	0.63	**J**
75-27-4	Bromodichloromethane	**110**	2.2	0.71	0.32	
79-01-6	Trichloroethene	**2.2**	2.1	0.71	0.30	
123-91-1	1,4-Dioxane	0.71	2.2	0.71	0.26	**U**
142-82-5	n-Heptane	**6.8**	2.2	1.3	0.35	
108-10-1	4-Methyl-2-pentanone	**0.31**	4.2	0.71	0.30	**J**
108-88-3	Toluene	**30**	2.2	0.71	0.27	
591-78-6	2-Hexanone	0.71	4.2	0.71	0.28	**U**
124-48-1	Dibromochloromethane	**3.3**	2.2	0.71	0.29	
106-93-4	1,2-Dibromoethane	0.71	2.2	0.71	0.26	**U**
127-18-4	Tetrachloroethene	**3.8**	2.2	0.71	0.29	
100-41-4	Ethylbenzene	**7.2**	2.2	0.71	0.31	
179601-23-1	m,p-Xylenes	**49**	4.2	1.4	0.58	
75-25-2	Bromoform	1.3	2.2	1.3	0.46	**U**
100-42-5	Styrene	1.3	2.2	1.3	0.36	**U**
95-47-6	o-Xylene	**16**	2.2	0.71	0.32	
108-67-8	1,3,5-Trimethylbenzene	**13**	2.2	0.71	0.32	
95-63-6	1,2,4-Trimethylbenzene	**54**	2.2	0.71	0.31	
120-82-1	1,2,4-Trichlorobenzene	1.3	4.2	1.3	0.54	**U**
91-20-3	Naphthalene	**5.1**	2.2	1.3	0.54	
1330-20-7	Xylenes, Total	**65**	4.2	1.4	0.58	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00461

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.80

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.5**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	2.4	1.5	0.40	
74-87-3	Chloromethane	**0.65**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	**0.30**	2.4	1.5	0.30	**J**
64-17-5	Ethanol	**11**	24	3.8	1.7	**J**
67-64-1	Acetone	**28**	24	12	5.5	
75-69-4	Trichlorofluoromethane	**1.0**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	**7.3**	2.4	1.5	0.69	
76-13-1	Trichlorotrifluoroethane	**1.0**	2.4	0.78	0.35	**J**
75-15-0	Carbon Disulfide	**3.7**	4.6	2.5	0.74	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**19**	4.6	1.5	0.51	
141-78-6	Ethyl Acetate	**8.9**	4.6	3.0	1.3	
110-54-3	n-Hexane	**1.0**	2.4	1.5	0.51	**J**
67-66-3	Chloroform	**940**	24	7.8	3.3	**D**
109-99-9	Tetrahydrofuran (THF)	**13**	4.6	0.78	0.31	
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**1.1**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**20**	2.3	0.78	0.34	

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D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21 & 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00461

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.80

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.72**	4.6	1.6	0.69	**J**
75-27-4	Bromodichloromethane	**460**	2.4	0.78	0.35	
79-01-6	Trichloroethene	**7.7**	2.3	0.78	0.33	
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**1.5**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	**0.36**	4.6	0.78	0.34	**J**
108-88-3	Toluene	**5.2**	2.4	0.78	0.30	
591-78-6	2-Hexanone	**1.3**	4.6	0.78	0.30	**J**
124-48-1	Dibromochloromethane	**95**	2.4	0.78	0.32	
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.29	**U**
127-18-4	Tetrachloroethene	**9.4**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	**1.9**	2.4	0.78	0.35	**J**
179601-23-1	m,p-Xylenes	**11**	4.6	1.6	0.64	
75-25-2	Bromoform	**1.1**	2.4	1.5	0.51	**J**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**3.0**	2.4	0.78	0.35	
108-67-8	1,3,5-Trimethylbenzene	**3.2**	2.4	0.78	0.35	
95-63-6	1,2,4-Trimethylbenzene	**14**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**1.4**	2.4	1.4	0.60	**J**
1330-20-7	Xylenes, Total	**14**	4.6	1.6	0.64	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01225

Initial Pressure (psig): -5.54 Final Pressure (psig): 5.87

Container Dilution Factor: 2.25

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	2.9	1.8	0.73	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**14**	2.9	1.8	0.49	
74-87-3	Chloromethane	**0.53**	2.9	1.8	0.48	**J**
75-01-4	Vinyl Chloride	0.96	3.0	0.96	0.32	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.50	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.37	**U**
64-17-5	Ethanol	**5.9**	30	4.7	2.1	**J**
67-64-1	Acetone	**19**	29	15	6.8	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.9	1.8	0.46	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**7.4**	5.6	3.5	1.2	
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.84	**U**
76-13-1	Trichlorotrifluoroethane	**0.96**	3.0	0.96	0.43	**J**
75-15-0	Carbon Disulfide	**2.0**	5.6	3.0	0.90	**J**
75-34-3	1,1-Dichloroethane	1.9	3.0	1.9	0.44	**U**
78-93-3	2-Butanone (MEK)	**1.6**	5.6	1.8	0.62	**J**
141-78-6	Ethyl Acetate	3.7	5.6	3.7	1.6	**U**
110-54-3	n-Hexane	1.8	2.9	1.8	0.62	**U**
67-66-3	Chloroform	**32**	3.0	0.96	0.40	
109-99-9	Tetrahydrofuran (THF)	**2.4**	5.6	0.96	0.38	**J**
107-06-2	1,2-Dichloroethane	0.96	2.9	0.96	0.33	**U**
71-43-2	Benzene	**0.84**	2.9	0.96	0.43	**J**
56-23-5	Carbon Tetrachloride	**16**	2.9	0.96	0.42	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01225

Initial Pressure (psig): -5.54 Final Pressure (psig): 5.87

Container Dilution Factor: 2.25

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.6	1.9	0.84	**U**
75-27-4	Bromodichloromethane	**4.3**	2.9	0.96	0.43	
79-01-6	Trichloroethene	**4.0**	2.9	0.96	0.41	
123-91-1	1,4-Dioxane	**0.50**	2.9	0.96	0.35	**J**
142-82-5	n-Heptane	**0.70**	2.9	1.8	0.48	**J**
108-10-1	4-Methyl-2-pentanone	0.96	5.6	0.96	0.41	**U**
108-88-3	Toluene	**3.0**	2.9	0.96	0.37	
591-78-6	2-Hexanone	**0.51**	5.6	0.96	0.37	**J**
124-48-1	Dibromochloromethane	0.96	2.9	0.96	0.39	**U**
106-93-4	1,2-Dibromoethane	0.96	2.9	0.96	0.35	**U**
127-18-4	Tetrachloroethene	**2.6**	2.9	0.96	0.39	**J**
100-41-4	Ethylbenzene	**1.6**	2.9	0.96	0.42	**J**
179601-23-1	m,p-Xylenes	**9.5**	5.6	1.9	0.79	
75-25-2	Bromoform	1.8	3.0	1.8	0.62	**U**
100-42-5	Styrene	1.8	2.9	1.8	0.48	**U**
95-47-6	o-Xylene	**3.0**	3.0	0.96	0.43	**J**
108-67-8	1,3,5-Trimethylbenzene	**4.0**	3.0	0.96	0.43	
95-63-6	1,2,4-Trimethylbenzene	**18**	2.9	0.96	0.42	
120-82-1	1,2,4-Trichlorobenzene	1.8	5.6	1.8	0.73	**U**
91-20-3	Naphthalene	**2.4**	2.9	1.7	0.73	**J**
1330-20-7	Xylenes, Total	**12**	5.6	1.9	0.79	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -2.49 Final Pressure (psig): 5.97

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	2.2	1.4	0.55	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**23**	2.2	1.4	0.37	
74-87-3	Chloromethane	**0.38**	2.2	1.4	0.36	**J**
75-01-4	Vinyl Chloride	0.72	2.2	0.72	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.37	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**26**	22	3.5	1.6	
67-64-1	Acetone	**16**	22	11	5.1	**J**
75-69-4	Trichlorofluoromethane	**2.0**	2.2	1.4	0.34	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.9**	4.2	2.7	0.93	
75-09-2	Methylene Chloride	**14**	2.2	1.4	0.63	
76-13-1	Trichlorotrifluoroethane	**1.3**	2.2	0.72	0.32	**J**
75-15-0	Carbon Disulfide	**10**	4.2	2.3	0.68	
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**7.2**	4.2	1.4	0.46	
141-78-6	Ethyl Acetate	**20**	4.2	2.7	1.2	
110-54-3	n-Hexane	**0.67**	2.2	1.4	0.46	**J**
67-66-3	Chloroform	**1.9**	2.2	0.72	0.30	**J**
109-99-9	Tetrahydrofuran (THF)	**3.1**	4.2	0.72	0.28	**J**
107-06-2	1,2-Dichloroethane	0.72	2.2	0.72	0.25	**U**
71-43-2	Benzene	**0.55**	2.2	0.72	0.33	**J**
56-23-5	Carbon Tetrachloride	**4.7**	2.2	0.72	0.31	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00694

Initial Pressure (psig): -2.49 Final Pressure (psig): 5.97

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.4	4.2	1.4	0.63	**U**
75-27-4	Bromodichloromethane	0.72	2.2	0.72	0.33	**U**
79-01-6	Trichloroethene	0.72	2.2	0.72	0.30	**U**
123-91-1	1,4-Dioxane	**0.32**	2.2	0.72	0.27	**J**
142-82-5	n-Heptane	**1.1**	2.2	1.4	0.36	**J**
108-10-1	4-Methyl-2-pentanone	0.72	4.2	0.72	0.31	**U**
108-88-3	Toluene	**6.5**	2.2	0.72	0.27	
591-78-6	2-Hexanone	**0.36**	4.2	0.72	0.28	**J**
124-48-1	Dibromochloromethane	0.72	2.2	0.72	0.30	**U**
106-93-4	1,2-Dibromoethane	0.72	2.2	0.72	0.26	**U**
127-18-4	Tetrachloroethene	**0.37**	2.2	0.72	0.29	**J**
100-41-4	Ethylbenzene	**1.9**	2.2	0.72	0.32	**J**
179601-23-1	m,p-Xylenes	**9.1**	4.2	1.4	0.59	
75-25-2	Bromoform	1.4	2.2	1.4	0.46	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.36	**U**
95-47-6	o-Xylene	**3.1**	2.2	0.72	0.33	
108-67-8	1,3,5-Trimethylbenzene	**2.6**	2.2	0.72	0.33	
95-63-6	1,2,4-Trimethylbenzene	**13**	2.2	0.72	0.31	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.2	1.4	0.55	**U**
91-20-3	Naphthalene	**3.2**	2.2	1.3	0.55	
1330-20-7	Xylenes, Total	**12**	4.2	1.4	0.59	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.16 Liter(s)
Test Notes:
Container ID: 1SC00562

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.18

Container Dilution Factor: 2.16

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**11**	7.0	4.3	1.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	**190**	7.0	4.3	1.2	
74-87-3	Chloromethane	4.3	7.0	4.3	1.2	**U**
75-01-4	Vinyl Chloride	2.3	7.2	2.3	0.77	**U**
106-99-0	1,3-Butadiene	4.3	7.0	4.3	1.2	**U**
75-00-3	Chloroethane	4.3	7.0	4.3	0.89	**U**
64-17-5	Ethanol	**5.1**	72	11	5.0	**J**
67-64-1	Acetone	36	70	36	16	**U**
75-69-4	Trichlorofluoromethane	**21**	6.9	4.3	1.1	
67-63-0	2-Propanol (Isopropyl Alcohol)	8.5	14	8.5	3.0	**U**
75-09-2	Methylene Chloride	4.3	7.0	4.3	2.0	**U**
76-13-1	Trichlorotrifluoroethane	**5.8**	7.2	2.3	1.0	**J**
75-15-0	Carbon Disulfide	7.3	14	7.3	2.2	**U**
75-34-3	1,1-Dichloroethane	4.5	7.3	4.5	1.1	**U**
78-93-3	2-Butanone (MEK)	**6.3**	14	4.3	1.5	**J**
141-78-6	Ethyl Acetate	8.8	14	8.8	3.8	**U**
110-54-3	n-Hexane	**22**	7.0	4.3	1.5	
67-66-3	Chloroform	**24**	7.2	2.3	0.96	
109-99-9	Tetrahydrofuran (THF)	2.3	14	2.3	0.90	**U**
107-06-2	1,2-Dichloroethane	2.3	7.0	2.3	0.80	**U**
71-43-2	Benzene	**96**	7.0	2.3	1.0	
56-23-5	Carbon Tetrachloride	2.3	6.9	2.3	1.0	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.16 Liter(s)
Test Notes:
Container ID: 1SC00562

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.18

Container Dilution Factor: 2.16

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**62**	14	4.6	2.0	
75-27-4	Bromodichloromethane	2.3	7.0	2.3	1.0	**U**
79-01-6	Trichloroethene	2.3	6.9	2.3	0.97	**U**
123-91-1	1,4-Dioxane	2.3	7.0	2.3	0.85	**U**
142-82-5	n-Heptane	**2.0**	7.0	4.3	1.1	**J**
108-10-1	4-Methyl-2-pentanone	2.3	14	2.3	0.99	**U**
108-88-3	Toluene	2.3	7.0	2.3	0.88	**U**
591-78-6	2-Hexanone	2.3	14	2.3	0.89	**U**
124-48-1	Dibromochloromethane	2.3	7.0	2.3	0.95	**U**
106-93-4	1,2-Dibromoethane	2.3	7.0	2.3	0.84	**U**
127-18-4	Tetrachloroethene	**1.3**	7.0	2.3	0.93	**J**
100-41-4	Ethylbenzene	**3.4**	7.0	2.3	1.0	**J**
179601-23-1	m,p-Xylenes	**19**	14	4.6	1.9	
75-25-2	Bromoform	4.3	7.2	4.3	1.5	**U**
100-42-5	Styrene	4.3	7.0	4.3	1.2	**U**
95-47-6	o-Xylene	**7.3**	7.2	2.3	1.0	
108-67-8	1,3,5-Trimethylbenzene	**5.8**	7.2	2.3	1.0	**J**
95-63-6	1,2,4-Trimethylbenzene	**23**	7.0	2.3	1.0	
120-82-1	1,2,4-Trichlorobenzene	4.3	14	4.3	1.8	**U**
91-20-3	Naphthalene	**4.1**	7.0	4.2	1.8	**J**
1330-20-7	Xylenes, Total	**26**	14	4.6	1.9	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SC01177

Initial Pressure (psig): -5.26 Final Pressure (psig): 6.03

Container Dilution Factor: 2.20

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	47	76	47	19	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**200**	76	47	13	
74-87-3	Chloromethane	**25**	76	47	13	**J**
75-01-4	Vinyl Chloride	25	78	25	8.4	**U**
106-99-0	1,3-Butadiene	47	76	47	13	**U**
75-00-3	Chloroethane	47	76	47	9.7	**U**
64-17-5	Ethanol	120	780	120	54	**U**
67-64-1	Acetone	400	760	400	180	**U**
75-69-4	Trichlorofluoromethane	**22**	75	47	12	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	92	150	92	32	**U**
75-09-2	Methylene Chloride	47	76	47	22	**U**
76-13-1	Trichlorotrifluoroethane	**29**	78	25	11	**J**
75-15-0	Carbon Disulfide	**190**	150	79	23	
75-34-3	1,1-Dichloroethane	48	79	48	11	**U**
78-93-3	2-Butanone (MEK)	47	150	47	16	**U**
141-78-6	Ethyl Acetate	95	150	95	41	**U**
110-54-3	n-Hexane	**46**	76	47	16	**J**
67-66-3	Chloroform	25	78	25	10	**U**
109-99-9	Tetrahydrofuran (THF)	**21**	150	25	9.8	**J**
107-06-2	1,2-Dichloroethane	25	76	25	8.7	**U**
71-43-2	Benzene	**85**	76	25	11	
56-23-5	Carbon Tetrachloride	25	75	25	11	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV120-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SC01177

Initial Pressure (psig): -5.26 Final Pressure (psig): 6.03

Container Dilution Factor: 2.20

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**56**	150	50	22	**J**
75-27-4	Bromodichloromethane	25	76	25	11	**U**
79-01-6	Trichloroethene	25	75	25	11	**U**
123-91-1	1,4-Dioxane	25	76	25	9.2	**U**
142-82-5	n-Heptane	47	76	47	12	**U**
108-10-1	4-Methyl-2-pentanone	25	150	25	11	**U**
108-88-3	Toluene	25	76	25	9.5	**U**
591-78-6	2-Hexanone	25	150	25	9.7	**U**
124-48-1	Dibromochloromethane	25	76	25	10	**U**
106-93-4	1,2-Dibromoethane	25	76	25	9.1	**U**
127-18-4	Tetrachloroethene	**31**	76	25	10	**J**
100-41-4	Ethylbenzene	25	76	25	11	**U**
179601-23-1	m,p-Xylenes	**21**	150	50	21	**J**
75-25-2	Bromoform	47	78	47	16	**U**
100-42-5	Styrene	47	76	47	13	**U**
95-47-6	o-Xylene	**13**	78	25	11	**J**
108-67-8	1,3,5-Trimethylbenzene	**13**	78	25	11	**J**
95-63-6	1,2,4-Trimethylbenzene	25	76	25	11	**U**
120-82-1	1,2,4-Trichlorobenzene	47	150	47	19	**U**
91-20-3	Naphthalene	45	76	45	19	**U**
1330-20-7	Xylenes, Total	**34**	150	50	21	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00878

Initial Pressure (psig): -2.84 Final Pressure (psig): 5.53
Initial Pressure 2 (psig): -0.14 Final Pressure 2 (psig): 7.02

Container Dilution Factor: 2.54

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.6**	3.3	2.0	0.83	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.4**	3.3	2.0	0.55	
74-87-3	Chloromethane	2.0	3.3	2.0	0.55	**U**
75-01-4	Vinyl Chloride	1.1	3.4	1.1	0.36	**U**
106-99-0	1,3-Butadiene	2.0	3.3	2.0	0.56	**U**
75-00-3	Chloroethane	2.0	3.3	2.0	0.42	**U**
64-17-5	Ethanol	**10**	34	5.3	2.3	**J**
67-64-1	Acetone	**29**	33	17	7.6	**J**
75-69-4	Trichlorofluoromethane	**1.1**	3.2	2.0	0.51	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.1**	6.4	4.0	1.4	**J**
75-09-2	Methylene Chloride	2.0	3.3	2.0	0.95	**U**
76-13-1	Trichlorotrifluoroethane	**0.74**	3.4	1.1	0.48	**J**
75-15-0	Carbon Disulfide	3.4	6.4	3.4	1.0	**U**
75-34-3	1,1-Dichloroethane	2.1	3.4	2.1	0.50	**U**
78-93-3	2-Butanone (MEK)	**5.7**	6.4	2.0	0.70	**J**
141-78-6	Ethyl Acetate	**10**	6.4	4.1	1.8	
110-54-3	n-Hexane	2.0	3.3	2.0	0.70	**U**
67-66-3	Chloroform	**610**	3.4	1.1	0.45	
109-99-9	Tetrahydrofuran (THF)	1.1	6.4	1.1	0.43	**U**
107-06-2	1,2-Dichloroethane	1.1	3.3	1.1	0.37	**U**
71-43-2	Benzene	**0.81**	3.3	1.1	0.49	**J**
56-23-5	Carbon Tetrachloride	**13**	3.2	1.1	0.47	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00878

Initial Pressure (psig): -2.84 Final Pressure (psig): 5.53
Initial Pressure 2 (psig): -0.14 Final Pressure 2 (psig): 7.02

Container Dilution Factor: 2.54

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.2	6.4	2.2	0.95	**U**
75-27-4	Bromodichloromethane	**53**	3.3	1.1	0.49	
79-01-6	Trichloroethene	**2.2**	3.2	1.1	0.46	**J**
123-91-1	1,4-Dioxane	1.1	3.3	1.1	0.40	**U**
142-82-5	n-Heptane	**0.97**	3.3	2.0	0.54	**J**
108-10-1	4-Methyl-2-pentanone	1.1	6.4	1.1	0.46	**U**
108-88-3	Toluene	**3.9**	3.3	1.1	0.41	
591-78-6	2-Hexanone	**1.6**	6.4	1.1	0.42	**J**
124-48-1	Dibromochloromethane	**2.4**	3.3	1.1	0.44	**J**
106-93-4	1,2-Dibromoethane	1.1	3.3	1.1	0.39	**U**
127-18-4	Tetrachloroethene	**5.3**	3.3	1.1	0.44	
100-41-4	Ethylbenzene	**2.8**	3.3	1.1	0.48	**J**
179601-23-1	m,p-Xylenes	**18**	6.4	2.2	0.89	
75-25-2	Bromoform	2.0	3.4	2.0	0.70	**U**
100-42-5	Styrene	2.0	3.3	2.0	0.55	**U**
95-47-6	o-Xylene	**7.3**	3.4	1.1	0.49	
108-67-8	1,3,5-Trimethylbenzene	**14**	3.4	1.1	0.49	
95-63-6	1,2,4-Trimethylbenzene	**56**	3.3	1.1	0.47	
120-82-1	1,2,4-Trichlorobenzene	2.0	6.4	2.0	0.83	**U**
91-20-3	Naphthalene	**1.9**	3.3	2.0	0.83	**J**
1330-20-7	Xylenes, Total	**25**	6.4	2.2	0.89	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.95

Container Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.98**	3.4	2.1	0.85	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.8**	3.4	2.1	0.57	
74-87-3	Chloromethane	2.1	3.4	2.1	0.56	**U**
75-01-4	Vinyl Chloride	1.1	3.5	1.1	0.37	**U**
106-99-0	1,3-Butadiene	2.1	3.4	2.1	0.57	**U**
75-00-3	Chloroethane	2.1	3.4	2.1	0.43	**U**
64-17-5	Ethanol	**4.9**	35	5.4	2.4	**J**
67-64-1	Acetone	**20**	34	18	7.8	**J**
75-69-4	Trichlorofluoromethane	**1.1**	3.3	2.1	0.53	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	4.1	6.5	4.1	1.4	**U**
75-09-2	Methylene Chloride	2.1	3.4	2.1	0.98	**U**
76-13-1	Trichlorotrifluoroethane	**0.71**	3.5	1.1	0.50	**J**
75-15-0	Carbon Disulfide	**5.3**	6.5	3.5	1.0	**J**
75-34-3	1,1-Dichloroethane	2.2	3.5	2.2	0.51	**U**
78-93-3	2-Butanone (MEK)	**5.1**	6.5	2.1	0.72	**J**
141-78-6	Ethyl Acetate	4.2	6.5	4.2	1.8	**U**
110-54-3	n-Hexane	2.1	3.4	2.1	0.72	**U**
67-66-3	Chloroform	**660**	3.5	1.1	0.46	
109-99-9	Tetrahydrofuran (THF)	**1.4**	6.5	1.1	0.44	**J**
107-06-2	1,2-Dichloroethane	1.1	3.4	1.1	0.38	**U**
71-43-2	Benzene	1.1	3.4	1.1	0.50	**U**
56-23-5	Carbon Tetrachloride	**17**	3.3	1.1	0.48	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.01 Final Pressure (psig): 5.95

Container Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.2	6.5	2.2	0.98	**U**
75-27-4	Bromodichloromethane	**59**	3.4	1.1	0.50	
79-01-6	Trichloroethene	**2.4**	3.3	1.1	0.47	**J**
123-91-1	1,4-Dioxane	1.1	3.4	1.1	0.41	**U**
142-82-5	n-Heptane	2.1	3.4	2.1	0.55	**U**
108-10-1	4-Methyl-2-pentanone	1.1	6.5	1.1	0.48	**U**
108-88-3	Toluene	**2.5**	3.4	1.1	0.42	**J**
591-78-6	2-Hexanone	**1.4**	6.5	1.1	0.43	**J**
124-48-1	Dibromochloromethane	**3.3**	3.4	1.1	0.46	**J**
106-93-4	1,2-Dibromoethane	1.1	3.4	1.1	0.40	**U**
127-18-4	Tetrachloroethene	**7.4**	3.4	1.1	0.45	
100-41-4	Ethylbenzene	**1.2**	3.4	1.1	0.49	**J**
179601-23-1	m,p-Xylenes	**6.5**	6.5	2.2	0.91	
75-25-2	Bromoform	2.1	3.5	2.1	0.72	**U**
100-42-5	Styrene	2.1	3.4	2.1	0.56	**U**
95-47-6	o-Xylene	**2.3**	3.5	1.1	0.50	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.9**	3.5	1.1	0.50	**J**
95-63-6	1,2,4-Trimethylbenzene	**11**	3.4	1.1	0.48	
120-82-1	1,2,4-Trichlorobenzene	2.1	6.5	2.1	0.85	**U**
91-20-3	Naphthalene	2.0	3.4	2.0	0.85	**U**
1330-20-7	Xylenes, Total	**8.8**	6.5	2.2	0.91	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01132

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.83

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.7	1.6	0.66	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**25**	2.7	1.6	0.44	
74-87-3	Chloromethane	1.6	2.7	1.6	0.44	U
75-01-4	Vinyl Chloride	0.87	2.7	0.87	0.29	U
106-99-0	1,3-Butadiene	1.6	2.7	1.6	0.45	U
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	U
64-17-5	Ethanol	**2.1**	27	4.2	1.9	J
67-64-1	Acetone	**9.2**	27	14	6.1	J
75-69-4	Trichlorofluoromethane	**2.2**	2.6	1.6	0.41	J
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.1	3.2	1.1	U
75-09-2	Methylene Chloride	1.6	2.7	1.6	0.77	U
76-13-1	Trichlorotrifluoroethane	**1.2**	2.7	0.87	0.39	J
75-15-0	Carbon Disulfide	**2.9**	5.1	2.8	0.82	J
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	U
78-93-3	2-Butanone (MEK)	**2.5**	5.1	1.6	0.56	J
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	U
110-54-3	n-Hexane	1.6	2.7	1.6	0.56	U
67-66-3	Chloroform	**37**	2.7	0.87	0.36	
109-99-9	Tetrahydrofuran (THF)	**11**	5.1	0.87	0.34	
107-06-2	1,2-Dichloroethane	0.87	2.7	0.87	0.30	U
71-43-2	Benzene	**0.63**	2.7	0.87	0.39	J
56-23-5	Carbon Tetrachloride	**14**	2.6	0.87	0.38	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-612** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01132

Initial Pressure (psig): -4.62 Final Pressure (psig): 5.83

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.77	**U**
75-27-4	Bromodichloromethane	**3.5**	2.7	0.87	0.39	
79-01-6	Trichloroethene	0.87	2.6	0.87	0.37	**U**
123-91-1	1,4-Dioxane	0.87	2.7	0.87	0.32	**U**
142-82-5	n-Heptane	**2.0**	2.7	1.6	0.43	**J**
108-10-1	4-Methyl-2-pentanone	0.87	5.1	0.87	0.37	**U**
108-88-3	Toluene	**6.9**	2.7	0.87	0.33	
591-78-6	2-Hexanone	0.87	5.1	0.87	0.34	**U**
124-48-1	Dibromochloromethane	0.87	2.7	0.87	0.36	**U**
106-93-4	1,2-Dibromoethane	0.87	2.7	0.87	0.32	**U**
127-18-4	Tetrachloroethene	**3.1**	2.7	0.87	0.35	
100-41-4	Ethylbenzene	**4.4**	2.7	0.87	0.38	
179601-23-1	m,p-Xylenes	**25**	5.1	1.7	0.71	
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.7	1.6	0.44	**U**
95-47-6	o-Xylene	**6.7**	2.7	0.87	0.39	
108-67-8	1,3,5-Trimethylbenzene	**7.5**	2.7	0.87	0.39	
95-63-6	1,2,4-Trimethylbenzene	**35**	2.7	0.87	0.38	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	**6.1**	2.7	1.6	0.66	
1330-20-7	Xylenes, Total	**32**	5.1	1.7	0.71	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00928

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.96

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.76**	2.2	1.4	0.55	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**23**	2.2	1.4	0.37	
74-87-3	Chloromethane	1.4	2.2	1.4	0.36	**U**
75-01-4	Vinyl Chloride	0.72	2.2	0.72	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.37	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**19**	22	3.5	1.6	**J**
67-64-1	Acetone	**9.1**	22	11	5.1	**J**
75-69-4	Trichlorofluoromethane	**2.1**	2.2	1.4	0.34	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.1**	4.2	2.7	0.93	**J**
75-09-2	Methylene Chloride	**4.6**	2.2	1.4	0.63	
76-13-1	Trichlorotrifluoroethane	**1.1**	2.2	0.72	0.32	**J**
75-15-0	Carbon Disulfide	**4.0**	4.2	2.3	0.68	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**3.6**	4.2	1.4	0.46	**J**
141-78-6	Ethyl Acetate	**7.0**	4.2	2.7	1.2	
110-54-3	n-Hexane	**0.90**	2.2	1.4	0.46	**J**
67-66-3	Chloroform	**34**	2.2	0.72	0.30	
109-99-9	Tetrahydrofuran (THF)	**9.4**	4.2	0.72	0.28	
107-06-2	1,2-Dichloroethane	0.72	2.2	0.72	0.25	**U**
71-43-2	Benzene	**0.55**	2.2	0.72	0.33	**J**
56-23-5	Carbon Tetrachloride	**13**	2.2	0.72	0.31	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-145-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00928

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.96

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.4	4.2	1.4	0.63	**U**
75-27-4	Bromodichloromethane	**3.2**	2.2	0.72	0.33	
79-01-6	Trichloroethene	0.72	2.2	0.72	0.30	**U**
123-91-1	1,4-Dioxane	0.72	2.2	0.72	0.27	**U**
142-82-5	n-Heptane	**0.85**	2.2	1.4	0.36	**J**
108-10-1	4-Methyl-2-pentanone	0.72	4.2	0.72	0.31	**U**
108-88-3	Toluene	**4.4**	2.2	0.72	0.27	
591-78-6	2-Hexanone	**0.38**	4.2	0.72	0.28	**J**
124-48-1	Dibromochloromethane	0.72	2.2	0.72	0.30	**U**
106-93-4	1,2-Dibromoethane	0.72	2.2	0.72	0.26	**U**
127-18-4	Tetrachloroethene	**2.0**	2.2	0.72	0.29	**J**
100-41-4	Ethylbenzene	**1.2**	2.2	0.72	0.32	**J**
179601-23-1	m,p-Xylenes	**6.9**	4.2	1.4	0.59	
75-25-2	Bromoform	1.4	2.2	1.4	0.46	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.36	**U**
95-47-6	o-Xylene	**2.0**	2.2	0.72	0.33	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.1**	2.2	0.72	0.33	**J**
95-63-6	1,2,4-Trimethylbenzene	**9.9**	2.2	0.72	0.31	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.2	1.4	0.55	**U**
91-20-3	Naphthalene	**3.0**	2.2	1.3	0.55	
1330-20-7	Xylenes, Total	**8.9**	4.2	1.4	0.59	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00926

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.83

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.62	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**57**	2.5	1.5	0.41	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	U
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	U
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	U
75-00-3	Chloroethane	1.5	2.5	1.5	0.31	U
64-17-5	Ethanol	**3.0**	25	3.9	1.8	J
67-64-1	Acetone	13	25	13	5.7	U
75-69-4	Trichlorofluoromethane	**4.7**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	4.8	3.0	1.0	U
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.71	U
76-13-1	Trichlorotrifluoroethane	**2.5**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	**4.7**	4.8	2.6	0.76	J
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	U
78-93-3	2-Butanone (MEK)	**0.87**	4.8	1.5	0.52	J
141-78-6	Ethyl Acetate	**8.2**	4.8	3.1	1.3	
110-54-3	n-Hexane	**0.62**	2.5	1.5	0.52	J
67-66-3	Chloroform	**1.9**	2.5	0.81	0.34	J
109-99-9	Tetrahydrofuran (THF)	**2.6**	4.8	0.81	0.32	J
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	U
71-43-2	Benzene	**0.62**	2.5	0.81	0.37	J
56-23-5	Carbon Tetrachloride	**3.2**	2.4	0.81	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00926

Initial Pressure (psig): -3.90 Final Pressure (psig): 5.83

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.71	**U**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**1.7**	2.5	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.81	4.8	0.81	0.35	**U**
108-88-3	Toluene	**5.1**	2.5	0.81	0.31	
591-78-6	2-Hexanone	0.81	4.8	0.81	0.31	**U**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.29	**U**
127-18-4	Tetrachloroethene	**0.35**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**2.9**	2.5	0.81	0.36	
179601-23-1	m,p-Xylenes	**17**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**4.5**	2.5	0.81	0.37	
108-67-8	1,3,5-Trimethylbenzene	**5.0**	2.5	0.81	0.37	
95-63-6	1,2,4-Trimethylbenzene	**22**	2.5	0.81	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**4.3**	2.5	1.5	0.62	
1330-20-7	Xylenes, Total	**21**	4.8	1.6	0.67	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00972

Initial Pressure (psig): -3.15 Final Pressure (psig): 6.00

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.64**	2.3	1.4	0.58	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**200**	2.3	1.4	0.39	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.76	2.4	0.76	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.30	**U**
64-17-5	Ethanol	**1.8**	24	3.7	1.7	**J**
67-64-1	Acetone	**6.1**	23	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**24**	2.3	1.4	0.36	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.8	4.5	2.8	0.98	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.67	**U**
76-13-1	Trichlorotrifluoroethane	**6.7**	2.4	0.76	0.34	
75-15-0	Carbon Disulfide	**6.5**	4.5	2.4	0.72	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**0.87**	4.5	1.4	0.49	**J**
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.3	**U**
110-54-3	n-Hexane	1.4	2.3	1.4	0.49	**U**
67-66-3	Chloroform	**1.1**	2.4	0.76	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**1.2**	4.5	0.76	0.30	**J**
107-06-2	1,2-Dichloroethane	0.76	2.3	0.76	0.26	**U**
71-43-2	Benzene	**1.2**	2.3	0.76	0.34	**J**
56-23-5	Carbon Tetrachloride	**0.69**	2.3	0.76	0.33	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00972

Initial Pressure (psig): -3.15 Final Pressure (psig): 6.00

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.67	**U**
75-27-4	Bromodichloromethane	0.76	2.3	0.76	0.34	**U**
79-01-6	Trichloroethene	0.76	2.3	0.76	0.32	**U**
123-91-1	1,4-Dioxane	0.76	2.3	0.76	0.28	**U**
142-82-5	n-Heptane	**0.48**	2.3	1.4	0.38	**J**
108-10-1	4-Methyl-2-pentanone	0.76	4.5	0.76	0.33	**U**
108-88-3	Toluene	**2.0**	2.3	0.76	0.29	**J**
591-78-6	2-Hexanone	0.76	4.5	0.76	0.30	**U**
124-48-1	Dibromochloromethane	0.76	2.3	0.76	0.31	**U**
106-93-4	1,2-Dibromoethane	0.76	2.3	0.76	0.28	**U**
127-18-4	Tetrachloroethene	**0.90**	2.3	0.76	0.31	**J**
100-41-4	Ethylbenzene	**1.0**	2.3	0.76	0.34	**J**
179601-23-1	m,p-Xylenes	**5.5**	4.5	1.5	0.63	
75-25-2	Bromoform	1.4	2.4	1.4	0.49	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**1.6**	2.4	0.76	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.5**	2.4	0.76	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**7.9**	2.3	0.76	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.58	**U**
91-20-3	Naphthalene	**2.5**	2.3	1.4	0.58	
1330-20-7	Xylenes, Total	**7.2**	4.5	1.5	0.63	

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.92

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.6	1.6	0.65	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**230**	2.6	1.6	0.44	
74-87-3	Chloromethane	**33**	2.6	1.6	0.43	
75-01-4	Vinyl Chloride	**9.4**	2.7	0.85	0.29	
106-99-0	1,3-Butadiene	**0.60**	2.6	1.6	0.44	**J**
75-00-3	Chloroethane	**7.7**	2.6	1.6	0.33	
64-17-5	Ethanol	**3.9**	27	4.2	1.9	**J**
67-64-1	Acetone	14	26	14	6.0	**U**
75-69-4	Trichlorofluoromethane	**27**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.0	3.2	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**7.5**	2.7	0.85	0.38	
75-15-0	Carbon Disulfide	**390**	5.0	2.7	0.80	
75-34-3	1,1-Dichloroethane	**6.2**	2.7	1.7	0.39	
78-93-3	2-Butanone (MEK)	**7.2**	5.0	1.6	0.55	
141-78-6	Ethyl Acetate	3.3	5.0	3.3	1.4	**U**
110-54-3	n-Hexane	**10**	2.6	1.6	0.55	
67-66-3	Chloroform	**0.80**	2.7	0.85	0.36	**J**
109-99-9	Tetrahydrofuran (THF)	**53**	5.0	0.85	0.34	
107-06-2	1,2-Dichloroethane	**2.9**	2.6	0.85	0.30	
71-43-2	Benzene	**130**	2.6	0.85	0.39	
56-23-5	Carbon Tetrachloride	0.85	2.6	0.85	0.37	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV121-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00889

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.92

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**18**	5.0	1.7	0.75	
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.39	**U**
79-01-6	Trichloroethene	0.85	2.6	0.85	0.36	**U**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.32	**U**
142-82-5	n-Heptane	**4.3**	2.6	1.6	0.43	
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.37	**U**
108-88-3	Toluene	**500**	2.6	0.85	0.33	
591-78-6	2-Hexanone	0.85	5.0	0.85	0.33	**U**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**1.6**	2.6	0.85	0.35	**J**
100-41-4	Ethylbenzene	**29**	2.6	0.85	0.38	
179601-23-1	m,p-Xylenes	**41**	5.0	1.7	0.70	
75-25-2	Bromoform	1.6	2.7	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**13**	2.7	0.85	0.39	
108-67-8	1,3,5-Trimethylbenzene	**2.0**	2.7	0.85	0.39	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.2**	2.6	0.85	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.65	**U**
1330-20-7	Xylenes, Total	**54**	5.0	1.7	0.70	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01162

Initial Pressure (psig): -3.40 Final Pressure (psig): 6.28

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.4	1.5	0.60	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.4	1.5	0.40	J
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	U
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.27	U
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	U
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	U
64-17-5	Ethanol	**20**	25	3.9	1.7	J
67-64-1	Acetone	**6.9**	24	13	5.6	J
75-69-4	Trichlorofluoromethane	**1.0**	2.4	1.5	0.38	J
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.7	2.9	1.0	U
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.70	U
76-13-1	Trichlorotrifluoroethane	**0.45**	2.5	0.79	0.35	J
75-15-0	Carbon Disulfide	**1.0**	4.7	2.5	0.74	J
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	U
78-93-3	2-Butanone (MEK)	**3.5**	4.7	1.5	0.51	J
141-78-6	Ethyl Acetate	3.0	4.7	3.0	1.3	U
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	U
67-66-3	Chloroform	**260**	2.5	0.79	0.33	
109-99-9	Tetrahydrofuran (THF)	**0.48**	4.7	0.79	0.31	J
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	U
71-43-2	Benzene	0.79	2.4	0.79	0.36	U
56-23-5	Carbon Tetrachloride	**3.8**	2.4	0.79	0.34	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01162

Initial Pressure (psig): -3.40 Final Pressure (psig): 6.28

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.7	1.6	0.70	**U**
75-27-4	Bromodichloromethane	**22**	2.4	0.79	0.36	
79-01-6	Trichloroethene	**1.8**	2.4	0.79	0.33	**J**
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**0.51**	2.4	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.79	4.7	0.79	0.34	**U**
108-88-3	Toluene	**2.5**	2.4	0.79	0.30	
591-78-6	2-Hexanone	**0.49**	4.7	0.79	0.31	**J**
124-48-1	Dibromochloromethane	**0.59**	2.4	0.79	0.33	**J**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**2.3**	2.4	0.79	0.32	**J**
100-41-4	Ethylbenzene	**1.6**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**9.4**	4.7	1.6	0.65	
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**3.0**	2.5	0.79	0.36	
108-67-8	1,3,5-Trimethylbenzene	**3.6**	2.5	0.79	0.36	
95-63-6	1,2,4-Trimethylbenzene	**16**	2.4	0.79	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.60	**U**
91-20-3	Naphthalene	**6.5**	2.4	1.4	0.60	
1330-20-7	Xylenes, Total	**12**	4.7	1.6	0.65	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00931

Initial Pressure (psig): -4.39 Final Pressure (psig): 5.75

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.2**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	2.6	1.6	0.43	
74-87-3	Chloromethane	**0.81**	2.6	1.6	0.43	**J**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**14**	26	4.1	1.8	**J**
67-64-1	Acetone	**32**	26	13	5.9	
75-69-4	Trichlorofluoromethane	**1.1**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	5.0	3.1	1.1	**J**
75-09-2	Methylene Chloride	**2.3**	2.6	1.6	0.74	**J**
76-13-1	Trichlorotrifluoroethane	**0.59**	2.6	0.84	0.38	**J**
75-15-0	Carbon Disulfide	**1.1**	5.0	2.7	0.79	**J**
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**7.8**	5.0	1.6	0.54	
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	**0.55**	2.6	1.6	0.54	**J**
67-66-3	Chloroform	**400**	2.6	0.84	0.35	
109-99-9	Tetrahydrofuran (THF)	0.84	5.0	0.84	0.33	**U**
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	0.84	2.6	0.84	0.38	**U**
56-23-5	Carbon Tetrachloride	**14**	2.5	0.84	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-050-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00931

Initial Pressure (psig): -4.39 Final Pressure (psig): 5.75

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.74	**U**
75-27-4	Bromodichloromethane	**61**	2.6	0.84	0.38	
79-01-6	Trichloroethene	**1.3**	2.5	0.84	0.36	**J**
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	**0.79**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	**0.44**	5.0	0.84	0.36	**J**
108-88-3	Toluene	**3.5**	2.6	0.84	0.32	
591-78-6	2-Hexanone	**1.7**	5.0	0.84	0.33	**J**
124-48-1	Dibromochloromethane	**2.2**	2.6	0.84	0.35	**J**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**5.5**	2.6	0.84	0.34	
100-41-4	Ethylbenzene	**2.2**	2.6	0.84	0.37	**J**
179601-23-1	m,p-Xylenes	**13**	5.0	1.7	0.69	
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**4.6**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**8.3**	2.6	0.84	0.38	
95-63-6	1,2,4-Trimethylbenzene	**40**	2.6	0.84	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.64	**U**
91-20-3	Naphthalene	**7.5**	2.6	1.5	0.64	
1330-20-7	Xylenes, Total	**17**	5.0	1.7	0.69	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01241

Initial Pressure (psig): -3.88 Final Pressure (psig): 5.95

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**18**	2.5	1.5	0.62	
75-71-8	Dichlorodifluoromethane (CFC 12)	**9.2**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**38**	25	4.0	1.8	
67-64-1	Acetone	**27**	25	13	5.7	
75-69-4	Trichlorofluoromethane	**1.0**	2.4	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**140**	4.8	3.0	1.1	
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**0.59**	2.5	0.81	0.36	**J**
75-15-0	Carbon Disulfide	**5.6**	4.8	2.6	0.76	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**8.3**	4.8	1.5	0.53	
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**19**	2.5	0.81	0.34	
109-99-9	Tetrahydrofuran (THF)	**17**	4.8	0.81	0.32	
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	0.81	2.5	0.81	0.37	**U**
56-23-5	Carbon Tetrachloride	**14**	2.4	0.81	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-150-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01241

Initial Pressure (psig): -3.88 Final Pressure (psig): 5.95

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	**1.7**	2.5	0.81	0.37	**J**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**0.55**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	**0.42**	4.8	0.81	0.35	**J**
108-88-3	Toluene	**2.0**	2.5	0.81	0.31	**J**
591-78-6	2-Hexanone	**0.93**	4.8	0.81	0.32	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.30	**U**
127-18-4	Tetrachloroethene	**1.7**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**1.3**	2.5	0.81	0.36	**J**
179601-23-1	m,p-Xylenes	**7.3**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**2.2**	2.5	0.81	0.37	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.5**	2.5	0.81	0.37	**J**
95-63-6	1,2,4-Trimethylbenzene	**11**	2.5	0.81	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**3.8**	2.5	1.5	0.62	
1330-20-7	Xylenes, Total	**9.4**	4.8	1.6	0.67	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01231

Initial Pressure (psig): -4.38 Final Pressure (psig): 5.60

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.7**	2.6	1.6	0.64	
75-71-8	Dichlorodifluoromethane (CFC 12)	**33**	2.6	1.6	0.43	
74-87-3	Chloromethane	**1.1**	2.6	1.6	0.42	**J**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.43	**U**
75-00-3	Chloroethane	**2.1**	2.6	1.6	0.33	**J**
64-17-5	Ethanol	**32**	26	4.1	1.8	
67-64-1	Acetone	**9.6**	26	13	5.9	**J**
75-69-4	Trichlorofluoromethane	**2.6**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.1**	4.9	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**1.3**	2.6	0.84	0.37	**J**
75-15-0	Carbon Disulfide	**23**	4.9	2.7	0.79	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**8.6**	4.9	1.6	0.54	
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	**2.4**	2.6	1.6	0.54	**J**
67-66-3	Chloroform	**0.46**	2.6	0.84	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**2.8**	4.9	0.84	0.33	**J**
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**0.72**	2.6	0.84	0.38	**J**
56-23-5	Carbon Tetrachloride	**4.1**	2.5	0.84	0.36	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-250-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01231

Initial Pressure (psig): -4.38 Final Pressure (psig): 5.60

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	0.84	2.5	0.84	0.35	**U**
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	**2.0**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.84	4.9	0.84	0.36	**U**
108-88-3	Toluene	**3.5**	2.6	0.84	0.32	
591-78-6	2-Hexanone	**1.5**	4.9	0.84	0.33	**J**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.34	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	0.84	2.6	0.84	0.34	**U**
100-41-4	Ethylbenzene	**1.8**	2.6	0.84	0.37	**J**
179601-23-1	m,p-Xylenes	**9.0**	4.9	1.7	0.69	
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.42	**U**
95-47-6	o-Xylene	**2.9**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**2.7**	2.6	0.84	0.38	
95-63-6	1,2,4-Trimethylbenzene	**12**	2.6	0.84	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	**4.1**	2.6	1.5	0.64	
1330-20-7	Xylenes, Total	**12**	4.9	1.7	0.69	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -3.79 Final Pressure (psig): 6.03

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	2.5	1.5	0.62	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**100**	2.5	1.5	0.41	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.31	**U**
64-17-5	Ethanol	**7.2**	25	3.9	1.8	**J**
67-64-1	Acetone	**27**	25	13	5.7	
75-69-4	Trichlorofluoromethane	**11**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	4.8	3.0	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**2.7**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	**0.86**	4.8	2.6	0.76	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**4.1**	4.8	1.5	0.52	**J**
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	**14**	2.5	1.5	0.52	
67-66-3	Chloroform	**0.48**	2.5	0.81	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	0.81	4.8	0.81	0.32	**U**
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**10**	2.5	0.81	0.37	
56-23-5	Carbon Tetrachloride	**0.41**	2.4	0.81	0.35	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-350-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -3.79 Final Pressure (psig): 6.03

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**5.1**	4.8	1.6	0.71	
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**5.6**	2.5	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	**0.35**	4.8	0.81	0.35	**J**
108-88-3	Toluene	**17**	2.5	0.81	0.31	
591-78-6	2-Hexanone	**1.5**	4.8	0.81	0.31	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.29	**U**
127-18-4	Tetrachloroethene	**0.62**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**1.0**	2.5	0.81	0.36	**J**
179601-23-1	m,p-Xylenes	**5.5**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**0.60**	2.5	0.81	0.37	**J**
108-67-8	1,3,5-Trimethylbenzene	0.81	2.5	0.81	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.52**	2.5	0.81	0.35	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.62	**U**
1330-20-7	Xylenes, Total	**6.1**	4.8	1.6	0.67	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	31	50	31	13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**140**	50	31	8.4	
74-87-3	Chloromethane	**61**	50	31	8.3	
75-01-4	Vinyl Chloride	**12**	51	16	5.5	J
106-99-0	1,3-Butadiene	31	50	31	8.5	U
75-00-3	Chloroethane	**11**	50	31	6.4	J
64-17-5	Ethanol	**420**	510	81	36	J
67-64-1	Acetone	260	500	260	120	U
75-69-4	Trichlorofluoromethane	**15**	49	31	7.9	J
67-63-0	2-Propanol (Isopropyl Alcohol)	61	97	61	21	U
75-09-2	Methylene Chloride	31	50	31	15	U
76-13-1	Trichlorotrifluoroethane	16	51	16	7.4	U
75-15-0	Carbon Disulfide	**310**	97	52	16	
75-34-3	1,1-Dichloroethane	32	52	32	7.6	U
78-93-3	2-Butanone (MEK)	**54**	97	31	11	J
141-78-6	Ethyl Acetate	63	97	63	27	U
110-54-3	n-Hexane	**46**	50	31	11	J
67-66-3	Chloroform	**9.0**	51	16	6.9	J
109-99-9	Tetrahydrofuran (THF)	**210**	97	16	6.5	
107-06-2	1,2-Dichloroethane	16	50	16	5.7	U
71-43-2	Benzene	**180**	50	16	7.5	
56-23-5	Carbon Tetrachloride	16	49	16	7.2	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**64**	97	33	15	**J**
75-27-4	Bromodichloromethane	16	50	16	7.5	**U**
79-01-6	Trichloroethene	16	49	16	7.0	**U**
123-91-1	1,4-Dioxane	16	50	16	6.1	**U**
142-82-5	n-Heptane	**13**	50	31	8.2	**J**
108-10-1	4-Methyl-2-pentanone	16	97	16	7.1	**U**
108-88-3	Toluene	**760**	50	16	6.3	
591-78-6	2-Hexanone	16	97	16	6.4	**U**
124-48-1	Dibromochloromethane	16	50	16	6.8	**U**
106-93-4	1,2-Dibromoethane	16	50	16	6.0	**U**
127-18-4	Tetrachloroethene	16	50	16	6.7	**U**
100-41-4	Ethylbenzene	**38**	50	16	7.3	**J**
179601-23-1	m,p-Xylenes	**71**	97	33	14	**J**
75-25-2	Bromoform	31	51	31	11	**U**
100-42-5	Styrene	31	50	31	8.3	**U**
95-47-6	o-Xylene	**23**	51	16	7.5	**J**
108-67-8	1,3,5-Trimethylbenzene	16	51	16	7.5	**U**
95-63-6	1,2,4-Trimethylbenzene	**16**	50	16	7.2	**J**
120-82-1	1,2,4-Trichlorobenzene	31	97	31	13	**U**
91-20-3	Naphthalene	30	50	30	13	**U**
1330-20-7	Xylenes, Total	**93**	97	33	14	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.83

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.9**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.2**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**11**	24	3.8	1.7	**J**
67-64-1	Acetone	**51**	24	12	5.5	
75-69-4	Trichlorofluoromethane	**1.3**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	**6.8**	2.4	1.5	0.69	
76-13-1	Trichlorotrifluoroethane	**0.65**	2.4	0.78	0.35	**J**
75-15-0	Carbon Disulfide	2.5	4.6	2.5	0.74	**U**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**12**	4.6	1.5	0.51	
141-78-6	Ethyl Acetate	**2.9**	4.6	3.0	1.3	**J**
110-54-3	n-Hexane	**2.8**	2.4	1.5	0.51	
67-66-3	Chloroform	**510**	24	7.8	3.3	**D**
109-99-9	Tetrahydrofuran (THF)	**0.84**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**3.1**	2.4	0.78	0.35	
56-23-5	Carbon Tetrachloride	**4.7**	2.3	0.78	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-025-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00887

Initial Pressure (psig): -3.55 Final Pressure (psig): 5.83

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4.9**	4.6	1.6	0.69	
75-27-4	Bromodichloromethane	**270**	2.4	0.78	0.35	
79-01-6	Trichloroethene	**1.5**	2.3	0.78	0.33	**J**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**12**	2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	**2.3**	4.6	0.78	0.34	**J**
108-88-3	Toluene	**34**	2.4	0.78	0.30	
591-78-6	2-Hexanone	**6.6**	4.6	0.78	0.30	
124-48-1	Dibromochloromethane	**28**	2.4	0.78	0.32	
106-93-4	1,2-Dibromoethane	**0.90**	2.4	0.78	0.29	**J**
127-18-4	Tetrachloroethene	**3.3**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	**19**	2.4	0.78	0.35	
179601-23-1	m,p-Xylenes	**110**	4.6	1.6	0.64	
75-25-2	Bromoform	**0.78**	2.4	1.5	0.51	**J**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**35**	2.4	0.78	0.35	
108-67-8	1,3,5-Trimethylbenzene	**29**	2.4	0.78	0.35	
95-63-6	1,2,4-Trimethylbenzene	**120**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**37**	2.4	1.4	0.60	
1330-20-7	Xylenes, Total	**140**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102031

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12 - 4/13/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/16/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/8 - 5/10/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210508-MB	**97**	**105**	**98**	70-130	
Method Blank	P210509-MB	**93**	**107**	**109**	70-130	
Method Blank	P210510-MB	**95**	**105**	**104**	70-130	
Lab Control Sample	P210508-LCS	**94**	**100**	**98**	70-130	
Lab Control Sample	P210509-LCS	**92**	**101**	**108**	70-130	
Lab Control Sample	P210510-LCS	**92**	**100**	**101**	70-130	
Duplicate Lab Control Sample	P210508-DLCS	**94**	**100**	**97**	70-130	
Duplicate Lab Control Sample	P210509-DLCS	**91**	**101**	**104**	70-130	
Duplicate Lab Control Sample	P210510-DLCS	**94**	**100**	**101**	70-130	
SV115-250-212	P2102031-001	**97**	**104**	**103**	70-130	
SV115-350-212	P2102031-002	**98**	**103**	**101**	70-130	
SV115-450-212	P2102031-003	**93**	**105**	**103**	70-130	
SV120-025-212	P2102031-004	**95**	**104**	**104**	70-130	
SV120-025-612	P2102031-005	**98**	**104**	**101**	70-130	
SV120-050-212	P2102031-006	**96**	**104**	**101**	70-130	
SV120-150-212	P2102031-007	**97**	**102**	**101**	70-130	
SV120-250-212	P2102031-008	**97**	**104**	**103**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102031

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12 - 4/13/21
Analyst: Simon Cao/Wida Ang Date(s) Received: 4/16/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/8 - 5/10/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV120-350-212	P2102031-009	**93**	**105**	**105**	70-130	
SV120-450-212	P2102031-010	**93**	**105**	**107**	70-130	
SV121-025-212	P2102031-011	**93**	**106**	**108**	70-130	
SV121-050-212	P2102031-012	**93**	**105**	**114**	70-130	
SV121-145-612	P2102031-013	**94**	**105**	**115**	70-130	
SV121-145-212	P2102031-014	**93**	**105**	**112**	70-130	
SV121-250-212	P2102031-015	**94**	**104**	**109**	70-130	
SV121-350-212	P2102031-016	**95**	**103**	**107**	70-130	
SV121-450-212	P2102031-017	**94**	**104**	**103**	70-130	
SV122-025-212	P2102031-018	**96**	**104**	**102**	70-130	
SV122-050-212	P2102031-019	**97**	**104**	**103**	70-130	
SV122-150-212	P2102031-020	**95**	**104**	**103**	70-130	
SV122-250-212	P2102031-021	**95**	**103**	**103**	70-130	
SV122-350-212	P2102031-022	**96**	**105**	**103**	70-130	
SV122-450-212	P2102031-023	**94**	**105**	**102**	70-130	
SV122-450-212	P2102031-023DUP	**94**	**105**	**101**	70-130	
SV123-025-212	P2102031-024	**95**	**105**	**103**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	177	178	**84**	**85**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	184	183	**88**	**87**	59-128	1	25	
74-87-3	Chloromethane	206	212	207	**103**	**100**	59-132	3	25	
75-01-4	Vinyl Chloride	208	204	204	**98**	**98**	64-127	0	25	
106-99-0	1,3-Butadiene	210	228	228	**109**	**109**	66-134	0	25	
75-00-3	Chloroethane	204	207	209	**101**	**102**	63-127	1	25	
64-17-5	Ethanol	998	911	925	**91**	**93**	59-125	2	25	
67-64-1	Acetone	1,030	928	940	**90**	**91**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	182	183	**89**	**90**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	370	374	**91**	**92**	52-125	1	25	
75-09-2	Methylene Chloride	208	194	196	**93**	**94**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	195	197	**91**	**92**	66-126	1	25	
75-15-0	Carbon Disulfide	428	408	410	**95**	**96**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	190	193	**90**	**91**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	399	404	**97**	**98**	67-130	1	25	
141-78-6	Ethyl Acetate	422	522	534	**124**	**127**	65-128	2	25	
110-54-3	n-Hexane	212	180	184	**85**	**87**	63-120	2	25	
67-66-3	Chloroform	214	191	193	**89**	**90**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	367	373	**92**	**93**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	189	192	**91**	**92**	65-128	1	25	
71-43-2	Benzene	204	168	170	**82**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	191	191	**91**	**91**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	393	396	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	210	196	197	**93**	**94**	72-128	1	25	
79-01-6	Trichloroethene	206	193	194	**94**	**94**	71-123	0	25	
123-91-1	1,4-Dioxane	208	184	185	**88**	**89**	71-122	1	25	
142-82-5	n-Heptane	210	196	198	**93**	**94**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	415	420	**100**	**101**	67-130	1	25	
108-88-3	Toluene	206	186	186	**90**	**90**	66-119	0	25	
591-78-6	2-Hexanone	404	388	395	**96**	**98**	62-128	2	25	
124-48-1	Dibromochloromethane	210	219	219	**104**	**104**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	214	214	**103**	**103**	74-122	0	25	
127-18-4	Tetrachloroethene	206	190	191	**92**	**93**	66-124	1	25	
100-41-4	Ethylbenzene	206	195	196	**95**	**95**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	389	382	**94**	**93**	61-134	1	25	
75-25-2	Bromoform	208	224	226	**108**	**109**	66-139	0.9	25	
100-42-5	Styrene	206	191	191	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	206	193	194	**94**	**94**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	195	194	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	198	198	**97**	**97**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	390	393	**101**	**101**	55-142	0	25	
91-20-3	Naphthalene	198	209	211	**106**	**107**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	159	160	**76**	**76**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	186	181	**89**	**86**	59-128	3	25	
74-87-3	Chloromethane	206	187	190	**91**	**92**	59-132	1	25	
75-01-4	Vinyl Chloride	208	183	191	**88**	**92**	64-127	4	25	
106-99-0	1,3-Butadiene	210	199	209	**95**	**100**	66-134	5	25	
75-00-3	Chloroethane	204	180	189	**88**	**93**	63-127	6	25	
64-17-5	Ethanol	998	756	813	**76**	**81**	59-125	6	25	
67-64-1	Acetone	1,030	820	851	**80**	**83**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	185	182	**91**	**89**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	316	335	**77**	**82**	52-125	6	25	
75-09-2	Methylene Chloride	208	182	187	**88**	**90**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	199	197	**93**	**92**	66-126	1	25	
75-15-0	Carbon Disulfide	428	381	389	**89**	**91**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	174	180	**82**	**85**	68-126	4	25	
78-93-3	2-Butanone (MEK)	412	370	380	**90**	**92**	67-130	2	25	
141-78-6	Ethyl Acetate	422	468	488	**111**	**116**	65-128	4	25	
110-54-3	n-Hexane	212	160	167	**75**	**79**	63-120	5	25	
67-66-3	Chloroform	214	186	186	**87**	**87**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	341	351	**85**	**88**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	185	185	**89**	**89**	65-128	0	25	
71-43-2	Benzene	204	160	163	**78**	**80**	69-119	3	25	
56-23-5	Carbon Tetrachloride	210	200	196	**95**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210509-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	378	382	**91**	**92**	70-117	1	25	
75-27-4	Bromodichloromethane	210	194	194	**92**	**92**	72-128	0	25	
79-01-6	Trichloroethene	206	198	196	**96**	**95**	71-123	1	25	
123-91-1	1,4-Dioxane	208	179	180	**86**	**87**	71-122	1	25	
142-82-5	n-Heptane	210	186	189	**89**	**90**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	380	389	**91**	**94**	67-130	3	25	
108-88-3	Toluene	206	188	187	**91**	**91**	66-119	0	25	
591-78-6	2-Hexanone	404	358	370	**89**	**92**	62-128	3	25	
124-48-1	Dibromochloromethane	210	233	227	**111**	**108**	70-130	3	25	
106-93-4	1,2-Dibromoethane	208	222	219	**107**	**105**	74-122	2	25	
127-18-4	Tetrachloroethene	206	207	202	**100**	**98**	66-124	2	25	
100-41-4	Ethylbenzene	206	200	198	**97**	**96**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	402	396	**98**	**96**	61-134	2	25	
75-25-2	Bromoform	208	246	239	**118**	**115**	66-139	3	25	
100-42-5	Styrene	206	200	195	**97**	**95**	73-127	2	25	
95-47-6	o-Xylene	206	201	197	**98**	**96**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	207	201	**100**	**98**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	212	205	**104**	**100**	66-132	4	25	
120-82-1	1,2,4-Trichlorobenzene	388	446	425	**115**	**110**	55-142	4	25	
91-20-3	Naphthalene	198	234	225	**118**	**114**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	165	167	**79**	**80**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	174	175	**83**	**83**	59-128	0	25	
74-87-3	Chloromethane	206	193	194	**94**	**94**	59-132	0	25	
75-01-4	Vinyl Chloride	208	195	196	**94**	**94**	64-127	0	25	
106-99-0	1,3-Butadiene	210	217	217	**103**	**103**	66-134	0	25	
75-00-3	Chloroethane	204	201	201	**99**	**99**	63-127	0	25	
64-17-5	Ethanol	998	885	883	**89**	**88**	59-125	1	25	
67-64-1	Acetone	1,030	886	892	**86**	**87**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	175	176	**86**	**86**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	356	358	**87**	**88**	52-125	1	25	
75-09-2	Methylene Chloride	208	189	190	**91**	**91**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	189	191	**88**	**89**	66-126	1	25	
75-15-0	Carbon Disulfide	428	396	396	**93**	**93**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	184	185	**87**	**87**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	387	388	**94**	**94**	67-130	0	25	
141-78-6	Ethyl Acetate	422	506	512	**120**	**121**	65-128	0.8	25	
110-54-3	n-Hexane	212	174	174	**82**	**82**	63-120	0	25	
67-66-3	Chloroform	214	185	185	**86**	**86**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	353	356	**88**	**89**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	182	182	**88**	**88**	65-128	0	25	
71-43-2	Benzene	204	163	162	**80**	**79**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	183	183	**87**	**87**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Wida Ang Date Analyzed: 5/10/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	379	378	**91**	**91**	70-117	0	25	
75-27-4	Bromodichloromethane	210	190	189	**90**	**90**	72-128	0	25	
79-01-6	Trichloroethene	206	188	187	**91**	**91**	71-123	0	25	
123-91-1	1,4-Dioxane	208	178	178	**86**	**86**	71-122	0	25	
142-82-5	n-Heptane	210	189	188	**90**	**90**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	399	397	**96**	**95**	67-130	1	25	
108-88-3	Toluene	206	180	179	**87**	**87**	66-119	0	25	
591-78-6	2-Hexanone	404	372	373	**92**	**92**	62-128	0	25	
124-48-1	Dibromochloromethane	210	212	211	**101**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	209	208	**100**	**100**	74-122	0	25	
127-18-4	Tetrachloroethene	206	186	184	**90**	**89**	66-124	1	25	
100-41-4	Ethylbenzene	206	189	188	**92**	**91**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	368	375	**89**	**91**	61-134	2	25	
75-25-2	Bromoform	208	218	218	**105**	**105**	66-139	0	25	
100-42-5	Styrene	206	184	184	**89**	**89**	73-127	0	25	
95-47-6	o-Xylene	206	187	186	**91**	**90**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	188	188	**91**	**91**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	191	191	**94**	**94**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	382	383	**98**	**99**	55-142	1	25	
91-20-3	Naphthalene	198	203	205	**103**	**104**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	140	120	130	**15**	25	
Chloromethane	61	55	58	**10**	25	
Vinyl Chloride	12	10	11	**18**	25	**J**
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	11	9.1	10.05	**19**	25	**J**
Ethanol	420	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	15	13	14	**14**	25	**J**
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	310	280	295	**10**	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	54	46	50	**16**	25	**J**
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	46	36	41	**24**	25	**J**
Chloroform	9.0	ND	-	-	25	
Tetrahydrofuran (THF)	210	190	200	**10**	25	
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	180	150	165	**18**	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV122-450-212** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102031-023DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01169

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.51

Container Dilution Factor: 1.94

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	64	49	56.5	**27**	25	**J, R1**
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	13	9.5	11.25	**31**	25	**J, R1**
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	760	660	710	**14**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	ND	ND	-	-	25	
Ethylbenzene	38	33	35.5	**14**	25	**J**
m,p-Xylenes	71	59	65	**18**	25	**J**
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	23	19	21	**19**	25	**J**
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	16	13	14.5	**21**	25	**J**
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	93	78	85.5	**18**	25	**J**

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05082101.D
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 07:20
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	164385	9.15	736979	11.11	373615	15.45
	Upper Limit	230139	9.48	1031771	11.44	523061	15.78
	Lower Limit	98631	8.82	442187	10.78	224169	15.12
	Client Sample ID						
01	Method Blank	148479	9.12	668626	11.09	330128	15.44
02	Lab Control Sample	155558	9.15	694833	11.11	355554	15.45
03	Duplicate Lab Control Sample	154309	9.15	692917	11.11	356838	15.45
04	SV115-250-212	149624	9.12	679655	11.10	341020	15.45
05	SV115-350-212	151815	9.12	692522	11.10	349115	15.44
06	SV120-025-612	155989	9.13	710442	11.10	357450	15.44
07	SV120-050-212	158736	9.13	710449	11.10	355472	15.44
08	SV120-150-212	156925	9.12	712781	11.10	364964	15.44
09	SV120-250-212	155517	9.12	703102	11.10	356035	15.45
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05092101.D
Analyst: Simon Cao Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 00:38
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	129049		9.15		574074		11.11		287262		15.45	
	Upper Limit	180669		9.48		803704		11.44		402167		15.78	
	Lower Limit	77429		8.82		344444		10.78		172357		15.12	
	Client Sample ID												
01	Method Blank	121768		9.12		543474		11.10		256811		15.44	
02	Lab Control Sample	123388		9.15		547220		11.11		274297		15.45	
03	Duplicate Lab Control Sample	133910		9.15		595207		11.11		298893		15.45	
04	SV121-050-212	108769		9.13		478774		11.10		230597		15.45	
05	SV121-145-612	107587		9.12		476851		11.10		230806		15.44	
06	SV121-145-212	122605		9.12		542171		11.10		264827		15.45	
07	SV121-250-212	127327		9.12		571719		11.10		284758		15.45	
08	SV121-350-212	136437		9.12		611975		11.10		307054		15.45	
09													
10													
11													
12													
13													
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16													
17													
18													
19													
20													

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102031
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05102101.D
Analyst: Wida Ang Date Analyzed: 5/9/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 22:41
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	138696	9.15	621085	11.11	314467	15.45
	Upper Limit	194174	9.48	869519	11.44	440254	15.78
	Lower Limit	83218	8.82	372651	10.78	188680	15.12
	Client Sample ID						
01	Method Blank	132393	9.12	593835	11.09	289892	15.44
02	SV120-450-212	132625	9.12	586512	11.10	286952	15.45
03	SV121-025-212	131555	9.12	581689	11.10	278588	15.44
04	SV120-350-212	142422	9.13	637923	11.10	309540	15.45
05	SV115-450-212	150142	9.13	670578	11.10	325857	15.45
06	SV122-450-212	151977	9.12	676813	11.10	333222	15.45
07	SV120-025-212	146147	9.13	657097	11.10	324137	15.44
08	SV121-450-212	150984	9.13	675985	11.10	333723	15.45
09	SV122-025-212	152812	9.12	686411	11.10	342818	15.44
10	SV122-050-212	149308	9.13	681211	11.10	338908	15.45
11	SV122-150-212	147992	9.13	667348	11.10	334005	15.44
12	SV122-250-212	153664	9.12	687733	11.10	345513	15.44
13	SV122-350-212	151997	9.12	686486	11.10	340627	15.44
14	SV123-025-212	150139	9.13	675566	11.10	333495	15.45
15	SV120-025-612 (Dilution)	155951	9.12	703950	11.10	351932	15.44
16	SV120-050-212 (Dilution)	156837	9.12	701595	11.10	348567	15.44
17	SV122-450-212 (Lab Duplicate)	154940	9.12	690951	11.10	343943	15.45
18	SV123-025-212 (Dilution)	151788	9.12	682151	11.10	337401	15.44
19	Lab Control Sample	154584	9.15	693864	11.11	354863	15.45
20	Duplicate Lab Control Sample	154730	9.15	698999	11.11	355915	15.45

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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LABORATORY REPORT

May 24, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 16, 2021. For your reference, these analyses have been assigned our service request number P2102034.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 9:23 am, May 24, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102034
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 16, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Manual integrations were performed on the following samples and analytes. Refer to the raw data for additional information.

Sample Identifications	Analytes
P2002034-005, 007, 009,010,022	Propene
P2102034-016, 018,-019,022,023	Acetone

The analysis of sample SV123-050-212 (P2102034-001) for Chloroform and sample SV-132-245-212 (P2102034-009) for Dichlorodifluoromethane were initially performed within the recommended holding time. Reanalysis at a dilution was required and performed 8 days past the recommended holding time. The report includes results from the second analysis. The results for both analytes will be flagged appropriately.

The upper control criterion was exceeded for Ethyl Acetate in the LCS/DLCS ran on May 20, 2021. These runs were only for the dilutions required on Chloroform and Dichlorodifluoromethane so the data is not affected.

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Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102034
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or -trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client f-or its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102034
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/16/2021
Time Received: 10:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV123-050-212	P2102034-001	Air	4/12/2021	08:54	1SS00825	-3.24	9.65	X
SV123-150-212	P2102034-002	Air	4/12/2021	09:00	1SS00771	-3.21	7.37	X
SV123-250-212	P2102034-003	Air	4/12/2021	09:08	1SS00940	-2.52	7.04	X
SV123-350-212	P2102034-004	Air	4/12/2021	09:13	1SS00723	-1.15	6.42	X
SV123-450-212	P2102034-005	Air	4/12/2021	09:23	1SC01260	-2.21	9.60	X
SV131-025-212	P2102034-006	Air	4/13/2021	11:53	1SC01211	-3.09	9.51	X
SV131-055-212	P2102034-007	Air	4/13/2021	11:59	1SC00693	-3.48	6.72	X
SV131-150-212	P2102034-008	Air	4/13/2021	12:05	1SC01272	-2.83	7.10	X
SV131-245-212	P2102034-009	Air	4/13/2021	12:11	1SC01270	-2.99	6.97	X
SV131-350-212	P2102034-010	Air	4/13/2021	12:16	1SS00050	-4.32	5.59	X
SV131-450-212	P2102034-011	Air	4/13/2021	12:29	1SC01290	-2.95	6.71	X
SV132-025-212	P2102034-012	Air	4/12/2021	13:23	1SS01256	-4.62	6.75	X
SV132-050-212	P2102034-013	Air	4/12/2021	13:26	1SS01157	-3.39	6.36	X
SV132-175-212	P2102034-014	Air	4/12/2021	13:29	1SS01153	-3.29	6.71	X
SV132-250-212	P2102034-015	Air	4/12/2021	13:32	1SS01217	-4.32	6.16	X
SV132-350-212	P2102034-016	Air	4/12/2021	13:35	1SS01254	-4.16	6.45	X
SV132-450-212	P2102034-017	Air	4/12/2021	13:45	1SS01247	-4.43	7.55	X
SV134-025-212	P2102034-018	Air	4/12/2021	14:32	1SS01253	-3.55	9.36	X
SV134-050-212	P2102034-019	Air	4/12/2021	14:35	1SS01259	-4.22	9.22	X
SV134-170-212	P2102034-020	Air	4/12/2021	14:38	1SS01257	-3.86	8.14	X
SV134-250-212	P2102034-021	Air	4/12/2021	14:41	1SS01166	-4.11	6.68	X
SV134-350-612	P2102034-022	Air	4/12/2021	14:43	1SS01221	-2.87	8.51	X
SV134-350-212	P2102034-023	Air	4/12/2021	14:43	1SS01255	-4.65	6.33	X
SV134-450-212	P2102034-024	Air	4/12/2021	14:53	1SS01156	-3.32	9.28	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-02

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No.: P2102634

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facilty

Project Number: 62735DM02

P.O. # / Billing Information: 17682

ALS Contact: Hayden Akers
1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting:
Tara Lamond:
Amanda Smith:
Pam Moss:

Sampler (Print & Sign): Tyler Curley

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV123-050-212	1	4/12/2021	08:54	1SS00825	NA	-24.0	-1.5	1L	X	None
SV123-150-212	2	4/12/2021	09:00	1SS00771	NA	-23.5	-2.5	1L	X	None
SV123-250-212	3	4/12/2021	09:08	1SS00940	NA	-25.5	-1.5	1L	X	None
SV123-350-212	4	4/12/2021	09:13	1SS00723	NA	-25.0	0.0	1L	X	None
SV123-450-212	5	4/12/2021	09:23	1SC01260	NA	-21.5	-1.5	1L	X	None
SV131-025-212	6	4/13/2021	11:53	1SC01211	NA	-25.0	-2.5	1L	X	None
SV131-055-212	7	4/13/2021	11:59	1SC00693	NA	-21.0	-3.0	1L	X	None
SV131-150-212	8	4/13/2021	12:05	1SC01272	NA	-25.0	-2.0	1L	X	None
SV131-245-212	9	4/13/2021	12:11	1SC01270	NA	-25.5	-2.0	1L	X	None
SV131-350-212	10	4/13/2021	12:16	1SS00050	NA	-23.5	-4.0	1L	X	None
SV131-450-212	11	4/13/2021	12:29	1SC01290	NA	-26.0	-2.0	1L	X	None
SV132-025-212	12	4/12/2021	13:23	1SS01256	NA	-23.0	-3.0	1L	X	None

FedEx Tracking Number: 9719 9695 2239

Shipping information: Box number 4 of 6

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____
Tier II (Results + QC Summaries) ____
Tier III (Results + QC & Calibration Summaries) ____
Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature) — Date: 4-14-21 Time: 11:00
Received by: (Signature) — Date: 4-16-21 Time: 1000

Relinquished by: (Signature) — Date: Time:
Received by: (Signature) — Date: Time:

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-02

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No: 212034

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Faciltiy

Project Number: 62735DM02

ALS Contact: Hayden Akers
1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

P.O. # / Billing Information: 17682

Email Address for Result Reporting:
Tara Lamond:
Amanda Smith:
Pam Moss:

Sampler (Print & Sign): Tyler Curley

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV132-050-212	13	4/12/2021	13:26	1SS01157	NA	-26.0	-1.0	1L	X	None
SV132-175-212	14	4/12/2021	13:29	1SS01153	NA	-26.0	-2.0	1L	X	None
SV132-250-212	15	4/12/2021	13:32	1SS01217	NA	-26.5	-4.0	1L	X	None
SV132-350-212	16	4/12/2021	13:35	1SS01254	NA	-26.0	-4.5	1L	X	None
SV132-450-212	17	4/12/2021	13:45	1SS01247	NA	-23.0	-3.0	1L	X	None
SV134-025-212	18	4/12/2021	14:32	1SS01253	NA	-25.5	-3.0	1L	X	None
SV134-050-212	19	4/12/2021	14:35	1SS01259	NA	-24.5	-3.5	1L	X	None
SV134-170-212	20	4/12/2021	14:38	1SS01257	NA	-25.0	-4.5	1L	X	None
SV134-250-212	21	4/12/2021	14:41	1SS01166	NA	-25.0	-4.5	1L	X	None
SV134-350-612	22	4/12/2021	14:43	1SS01221	NA	-26.0	-2.0	1L	X	None
SV134-350-212	23	4/12/2021	14:43	1SS01255	NA	-25.0	-5.0	1L	X	None
SV134-450-212	24	4/12/2021	14:53	1SS01156	NA	-25.0	-3.0	1L	X	None

FedEX Tracking Number: 9719 9695 2239

Shipping information: Box number 4 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) _____ Tier III (Results + QC & Calibration Summaries) _____
Tier II (Results + QC Summaries) _____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-14-21	11:00		4-16-21	1000
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102034

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/2021 Date opened: 4/16/2021 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102034-001.01	1.0 L Source Silonite Canister					
P2102034-002.01	1.0 L Source Silonite Canister					
P2102034-003.01	1.0 L Source Silonite Canister					
P2102034-004.01	1.0 L Source Silonite Canister					
P2102034-005.01	1.0 L Source Can					
P2102034-006.01	1.0 L Source Can					
P2102034-007.01	1.0 L Source Can					
P2102034-008.01	1.0 L Source Can					
P2102034-009.01	1.0 L Source Can					
P2102034-010.01	1.0 L Source Silonite Canister					
P2102034-011.01	1.0 L Source Can					
P2102034-012.01	1.0 L Source Silonite Canister					
P2102034-013.01	1.0 L Source Silonite Canister					
P2102034-014.01	1.0 L Source Silonite Canister					
P2102034-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102034

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/2021 Date opened: 4/16/2021 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102034-016.01	1.0 L Source Silonite Canister					
P2102034-017.01	1.0 L Source Silonite Canister					
P2102034-018.01	1.0 L Source Silonite Canister					
P2102034-019.01	1.0 L Source Silonite Canister					
P2102034-020.01	1.0 L Source Silonite Canister					
P2102034-021.01	1.0 L Source Silonite Canister					
P2102034-022.01	1.0 L Source Silonite Canister					
P2102034-023.01	1.0 L Source Silonite Canister					
P2102034-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21 & 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00825

Initial Pressure (psig): -3.24 Final Pressure (psig): 9.65

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.99	1.6	0.99	0.40	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**10**	0.56	0.34	0.093	
74-87-3	Chloromethane	0.82	1.3	0.82	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.77	1.2	0.77	0.21	**U**
75-00-3	Chloroethane	0.64	1.0	0.64	0.13	**U**
64-17-5	Ethanol	**3.2**	15	2.3	1.0	**J**
67-64-1	Acetone	6.0	12	6.0	2.7	**U**
75-69-4	Trichlorofluoromethane	**1.2**	0.48	0.30	0.076	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.2	1.4	0.47	**U**
75-09-2	Methylene Chloride	**4.5**	0.79	0.49	0.23	
76-13-1	Trichlorotrifluoroethane	**0.35**	0.37	0.12	0.053	**J**
75-15-0	Carbon Disulfide	**0.39**	1.7	0.92	0.27	**J**
75-34-3	1,1-Dichloroethane	0.43	0.71	0.43	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.54**	1.8	0.58	0.20	**J**
141-78-6	Ethyl Acetate	0.96	1.5	0.96	0.41	**U**
110-54-3	n-Hexane	0.48	0.78	0.48	0.17	**U**
67-66-3	Chloroform	**160**	5.8	1.8	0.77	**D, H2**
109-99-9	Tetrahydrofuran (THF)	0.31	1.8	0.31	0.12	**U**
107-06-2	1,2-Dichloroethane	0.22	0.68	0.22	0.077	**U**
71-43-2	Benzene	**0.17**	0.86	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	**3.0**	0.43	0.14	0.062	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
H2 = Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21 & 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00825

Initial Pressure (psig): -3.24 Final Pressure (psig): 9.65

Container Dilution Factor: 2.12

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.52		1.5	0.52	0.23	**U**
75-27-4	Bromodichloromethane	**62**		0.41	0.13	0.061	
79-01-6	Trichloroethene	**0.64**		0.50	0.17	0.071	
123-91-1	1,4-Dioxane	0.25		0.77	0.25	0.093	**U**
142-82-5	n-Heptane	**0.24**		0.67	0.41	0.11	**J**
108-10-1	4-Methyl-2-pentanone	0.22		1.3	0.22	0.094	**U**
108-88-3	Toluene	**0.96**		0.73	0.24	0.091	
591-78-6	2-Hexanone	**0.24**		1.3	0.22	0.085	**J**
124-48-1	Dibromochloromethane	**5.7**		0.32	0.11	0.044	
106-93-4	1,2-Dibromoethane	0.12		0.36	0.12	0.043	**U**
127-18-4	Tetrachloroethene	**1.1**		0.41	0.13	0.054	
100-41-4	Ethylbenzene	**0.47**		0.63	0.21	0.092	**J**
179601-23-1	m,p-Xylenes	**2.7**		1.2	0.42	0.17	
75-25-2	Bromoform	**0.54**		0.27	0.16	0.056	
100-42-5	Styrene	0.40		0.65	0.40	0.11	**U**
95-47-6	o-Xylene	**0.91**		0.65	0.21	0.094	
108-67-8	1,3,5-Trimethylbenzene	**0.91**		0.57	0.18	0.083	
95-63-6	1,2,4-Trimethylbenzene	**3.9**		0.56	0.18	0.080	
120-82-1	1,2,4-Trichlorobenzene	0.23		0.71	0.23	0.093	**U**
91-20-3	Naphthalene	**0.89**		0.53	0.31	0.13	
1330-20-7	Xylenes, Total	**3.6**		1.2	0.42	0.17	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00771

Initial Pressure (psig): -3.21 Final Pressure (psig): 7.37

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.89	1.5	0.89	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.3**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.95	0.58	0.12	**U**
64-17-5	Ethanol	**1.8**	14	2.1	0.94	**J**
67-64-1	Acetone	**3.9**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.51**	0.44	0.27	0.069	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	2.0	1.2	0.43	**U**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.21**	0.33	0.11	0.048	**J**
75-15-0	Carbon Disulfide	**0.54**	1.5	0.83	0.25	**J**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**0.54**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	**0.78**	1.3	0.87	0.37	**J**
110-54-3	n-Hexane	0.44	0.71	0.44	0.15	**U**
67-66-3	Chloroform	**4.7**	0.52	0.17	0.070	
109-99-9	Tetrahydrofuran (THF)	0.28	1.6	0.28	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	**0.15**	0.78	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**1.8**	0.39	0.13	0.056	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00771

Initial Pressure (psig): -3.21 Final Pressure (psig): 7.37

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane		0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	**0.59**		0.37	0.12	0.055	
79-01-6	Trichloroethene		0.15	0.46	0.15	0.064	**U**
123-91-1	1,4-Dioxane		0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**0.23**		0.61	0.37	0.10	**J**
108-10-1	4-Methyl-2-pentanone		0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**0.82**		0.66	0.22	0.083	
591-78-6	2-Hexanone	**0.13**		1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane		0.096	0.29	0.096	0.039	**U**
106-93-4	1,2-Dibromoethane		0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.25**		0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.36**		0.57	0.19	0.083	**J**
179601-23-1	m,p-Xylenes	**2.0**		1.1	0.38	0.15	
75-25-2	Bromoform		0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene		0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	**0.65**		0.59	0.19	0.085	
108-67-8	1,3,5-Trimethylbenzene	**0.60**		0.52	0.17	0.075	
95-63-6	1,2,4-Trimethylbenzene	**2.9**		0.51	0.17	0.072	
120-82-1	1,2,4-Trichlorobenzene		0.21	0.65	0.21	0.084	**U**
91-20-3	Naphthalene	**1.0**		0.48	0.28	0.12	
1330-20-7	Xylenes, Total	**2.6**		1.1	0.38	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00940

Initial Pressure (psig): -2.52 Final Pressure (psig): 7.04

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.83	1.3	0.83	0.34	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**27**	0.47	0.29	0.078	
74-87-3	Chloromethane	0.69	1.1	0.69	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.92	0.30	0.099	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.54	0.88	0.54	0.11	**U**
64-17-5	Ethanol	2.0	13	2.0	0.87	**U**
67-64-1	Acetone	**2.5**	9.7	5.1	2.2	**J**
75-69-4	Trichlorofluoromethane	**2.2**	0.40	0.25	0.064	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.40	**U**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.78**	0.31	0.099	0.044	
75-15-0	Carbon Disulfide	0.77	1.4	0.77	0.23	**U**
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.086	**U**
78-93-3	2-Butanone (MEK)	0.48	1.5	0.48	0.17	**U**
141-78-6	Ethyl Acetate	0.80	1.2	0.80	0.35	**U**
110-54-3	n-Hexane	0.40	0.66	0.40	0.14	**U**
67-66-3	Chloroform	**1.4**	0.48	0.15	0.065	
109-99-9	Tetrahydrofuran (THF)	0.26	1.5	0.26	0.10	**U**
107-06-2	1,2-Dichloroethane	0.19	0.57	0.19	0.065	**U**
71-43-2	Benzene	0.24	0.72	0.24	0.11	**U**
56-23-5	Carbon Tetrachloride	**1.5**	0.36	0.12	0.052	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00940

Initial Pressure (psig): -2.52 Final Pressure (psig): 7.04

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane		0.44	1.3	0.44	0.19	**U**
75-27-4	Bromodichloromethane	**0.32**		0.35	0.11	0.051	**J**
79-01-6	Trichloroethene		0.14	0.42	0.14	0.060	**U**
123-91-1	1,4-Dioxane		0.21	0.64	0.21	0.078	**U**
142-82-5	n-Heptane	**0.12**		0.56	0.35	0.092	**J**
108-10-1	4-Methyl-2-pentanone		0.18	1.1	0.18	0.079	**U**
108-88-3	Toluene	**0.63**		0.61	0.20	0.077	
591-78-6	2-Hexanone		0.18	1.1	0.18	0.072	**U**
124-48-1	Dibromochloromethane		0.089	0.27	0.089	0.037	**U**
106-93-4	1,2-Dibromoethane		0.098	0.30	0.098	0.036	**U**
127-18-4	Tetrachloroethene	**0.057**		0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.26**		0.53	0.17	0.077	**J**
179601-23-1	m,p-Xylenes	**1.5**		1.0	0.35	0.14	
75-25-2	Bromoform		0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene		0.33	0.54	0.33	0.090	**U**
95-47-6	o-Xylene	**0.43**		0.54	0.17	0.079	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.42**		0.48	0.15	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.9**		0.47	0.15	0.067	
120-82-1	1,2,4-Trichlorobenzene		0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	**0.73**		0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**1.9**		1.0	0.35	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00723

Initial Pressure (psig): -1.15 Final Pressure (psig): 6.42

Container Dilution Factor: 1.56

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.54**	1.2	0.73	0.29	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**61**	0.41	0.25	0.069	
74-87-3	Chloromethane	0.60	0.98	0.60	0.16	**U**
75-01-4	Vinyl Chloride	0.26	0.81	0.26	0.087	**U**
106-99-0	1,3-Butadiene	0.56	0.92	0.56	0.16	**U**
75-00-3	Chloroethane	0.47	0.77	0.47	0.098	**U**
64-17-5	Ethanol	**6.7**	11	1.7	0.77	**J**
67-64-1	Acetone	**4.1**	8.5	4.4	2.0	**J**
75-69-4	Trichlorofluoromethane	**6.9**	0.35	0.22	0.056	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	1.6	1.0	0.35	**J**
75-09-2	Methylene Chloride	**1.8**	0.58	0.36	0.17	
76-13-1	Trichlorotrifluoroethane	**1.4**	0.27	0.087	0.039	
75-15-0	Carbon Disulfide	**1.5**	1.3	0.68	0.20	
75-34-3	1,1-Dichloroethane	0.32	0.52	0.32	0.075	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.3	0.42	0.15	**J**
141-78-6	Ethyl Acetate	**2.2**	1.1	0.70	0.30	
110-54-3	n-Hexane	**0.33**	0.58	0.35	0.12	**J**
67-66-3	Chloroform	**2.0**	0.42	0.14	0.057	
109-99-9	Tetrahydrofuran (THF)	**0.19**	1.3	0.22	0.089	**J**
107-06-2	1,2-Dichloroethane	0.16	0.50	0.16	0.057	**U**
71-43-2	Benzene	**0.19**	0.64	0.21	0.094	**J**
56-23-5	Carbon Tetrachloride	**0.20**	0.32	0.11	0.046	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00723

Initial Pressure (psig): -1.15 Final Pressure (psig): 6.42

Container Dilution Factor: 1.56

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.39	1.1	0.39	0.17	**U**
75-27-4	Bromodichloromethane	**0.075**	0.30	0.099	0.045	**J**
79-01-6	Trichloroethene	**0.083**	0.37	0.12	0.052	**J**
123-91-1	1,4-Dioxane	0.18	0.56	0.18	0.068	**U**
142-82-5	n-Heptane	**0.26**	0.50	0.30	0.081	**J**
108-10-1	4-Methyl-2-pentanone	0.16	0.95	0.16	0.069	**U**
108-88-3	Toluene	**1.4**	0.54	0.18	0.067	
591-78-6	2-Hexanone	0.16	0.95	0.16	0.063	**U**
124-48-1	Dibromochloromethane	0.078	0.24	0.078	0.032	**U**
106-93-4	1,2-Dibromoethane	**0.10**	0.26	0.086	0.031	**J**
127-18-4	Tetrachloroethene	**0.11**	0.30	0.098	0.040	**J**
100-41-4	Ethylbenzene	**0.76**	0.47	0.15	0.067	
179601-23-1	m,p-Xylenes	**4.5**	0.90	0.31	0.13	
75-25-2	Bromoform	0.12	0.20	0.12	0.042	**U**
100-42-5	Styrene	0.29	0.48	0.29	0.079	**U**
95-47-6	o-Xylene	**1.8**	0.48	0.15	0.069	
108-67-8	1,3,5-Trimethylbenzene	**2.2**	0.42	0.13	0.061	
95-63-6	1,2,4-Trimethylbenzene	**8.0**	0.41	0.13	0.059	
120-82-1	1,2,4-Trichlorobenzene	0.17	0.53	0.17	0.068	**U**
91-20-3	Naphthalene	**0.93**	0.39	0.23	0.097	
1330-20-7	Xylenes, Total	**6.3**	0.90	0.31	0.13	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01260

Initial Pressure (psig): -2.21 Final Pressure (psig): 9.60

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.9**	1.5	0.91	0.37	
75-71-8	Dichlorodifluoromethane (CFC 12)	**75**	0.51	0.32	0.086	
74-87-3	Chloromethane	0.76	1.2	0.76	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.1	0.71	0.19	**U**
75-00-3	Chloroethane	0.59	0.96	0.59	0.12	**U**
64-17-5	Ethanol	**1.9**	14	2.1	0.96	**J**
67-64-1	Acetone	5.5	11	5.5	2.5	**U**
75-69-4	Trichlorofluoromethane	**8.5**	0.44	0.28	0.070	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	2.0	1.2	0.44	**U**
75-09-2	Methylene Chloride	**0.80**	0.73	0.45	0.21	
76-13-1	Trichlorotrifluoroethane	**1.7**	0.34	0.11	0.048	
75-15-0	Carbon Disulfide	**1.3**	1.6	0.85	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**2.8**	1.7	0.53	0.18	
141-78-6	Ethyl Acetate	0.88	1.4	0.88	0.38	**U**
110-54-3	n-Hexane	0.44	0.72	0.44	0.15	**U**
67-66-3	Chloroform	**2.8**	0.53	0.17	0.071	
109-99-9	Tetrahydrofuran (THF)	**2.6**	1.7	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.63	0.20	0.071	**U**
71-43-2	Benzene	**1.0**	0.79	0.26	0.12	
56-23-5	Carbon Tetrachloride	**0.077**	0.40	0.13	0.057	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01260

Initial Pressure (psig): -2.21 Final Pressure (psig): 9.60

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2.8**	1.4	0.48	0.21	
75-27-4	Bromodichloromethane	**1.9**	0.38	0.12	0.056	
79-01-6	Trichloroethene	**0.13**	0.46	0.15	0.065	**J**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.085	**U**
142-82-5	n-Heptane	0.38	0.62	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.087	**U**
108-88-3	Toluene	**1.1**	0.67	0.22	0.084	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.079	**U**
124-48-1	Dibromochloromethane	**0.49**	0.30	0.097	0.040	
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.40**	0.37	0.12	0.050	
100-41-4	Ethylbenzene	**0.35**	0.58	0.19	0.084	**J**
179601-23-1	m,p-Xylenes	**1.8**	1.1	0.38	0.16	
75-25-2	Bromoform	**0.096**	0.25	0.15	0.052	**J**
100-42-5	Styrene	0.37	0.60	0.37	0.099	**U**
95-47-6	o-Xylene	**0.66**	0.60	0.19	0.086	
108-67-8	1,3,5-Trimethylbenzene	**0.74**	0.53	0.17	0.076	
95-63-6	1,2,4-Trimethylbenzene	**2.0**	0.52	0.17	0.073	
120-82-1	1,2,4-Trichlorobenzene	**0.11**	0.66	0.21	0.085	**J**
91-20-3	Naphthalene	**0.17**	0.48	0.29	0.12	**J**
1330-20-7	Xylenes, Total	**2.4**	1.1	0.38	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01211

Initial Pressure (psig): -3.09 Final Pressure (psig): 9.51

Container Dilution Factor: 2.09

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.93**	1.6	0.97	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**27**	0.55	0.34	0.092	
74-87-3	Chloromethane	0.81	1.3	0.81	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.76	1.2	0.76	0.21	**U**
75-00-3	Chloroethane	0.63	1.0	0.63	0.13	**U**
64-17-5	Ethanol	**1.2**	15	2.3	1.0	**J**
67-64-1	Acetone	**6.4**	11	5.9	2.6	**J**
75-69-4	Trichlorofluoromethane	**3.0**	0.47	0.30	0.075	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.47	**U**
75-09-2	Methylene Chloride	**0.27**	0.78	0.48	0.23	**J**
76-13-1	Trichlorotrifluoroethane	**4.2**	0.36	0.12	0.052	
75-15-0	Carbon Disulfide	**0.86**	1.7	0.91	0.27	**J**
75-34-3	1,1-Dichloroethane	0.43	0.70	0.43	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.92**	1.8	0.57	0.19	**J**
141-78-6	Ethyl Acetate	0.94	1.5	0.94	0.41	**U**
110-54-3	n-Hexane	**0.29**	0.77	0.47	0.16	**J**
67-66-3	Chloroform	**0.47**	0.57	0.18	0.076	**J**
109-99-9	Tetrahydrofuran (THF)	**0.21**	1.8	0.30	0.12	**J**
107-06-2	1,2-Dichloroethane	0.22	0.67	0.22	0.076	**U**
71-43-2	Benzene	**0.46**	0.85	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	**1.8**	0.42	0.14	0.061	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01211

Initial Pressure (psig): -3.09 Final Pressure (psig): 9.51

Container Dilution Factor: 2.09

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.31**	1.5	0.52	0.23	**J**
75-27-4	Bromodichloromethane	0.13	0.41	0.13	0.060	**U**
79-01-6	Trichloroethene	0.17	0.50	0.17	0.070	**U**
123-91-1	1,4-Dioxane	0.25	0.75	0.25	0.091	**U**
142-82-5	n-Heptane	**0.77**	0.66	0.41	0.11	
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.093	**U**
108-88-3	Toluene	**2.8**	0.72	0.24	0.090	
591-78-6	2-Hexanone	0.22	1.3	0.22	0.084	**U**
124-48-1	Dibromochloromethane	0.10	0.32	0.10	0.043	**U**
106-93-4	1,2-Dibromoethane	0.12	0.35	0.12	0.042	**U**
127-18-4	Tetrachloroethene	**0.13**	0.40	0.13	0.053	**J**
100-41-4	Ethylbenzene	**0.82**	0.63	0.20	0.090	
179601-23-1	m,p-Xylenes	**4.7**	1.2	0.41	0.17	
75-25-2	Bromoform	0.16	0.27	0.16	0.056	**U**
100-42-5	Styrene	0.39	0.64	0.39	0.11	**U**
95-47-6	o-Xylene	**1.5**	0.64	0.20	0.093	
108-67-8	1,3,5-Trimethylbenzene	**1.6**	0.56	0.18	0.082	
95-63-6	1,2,4-Trimethylbenzene	**5.3**	0.55	0.18	0.079	
120-82-1	1,2,4-Trichlorobenzene	0.23	0.70	0.23	0.092	**U**
91-20-3	Naphthalene	**1.3**	0.52	0.31	0.13	
1330-20-7	Xylenes, Total	**6.3**	1.2	0.41	0.17	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-055-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00693

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.72

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.0**	1.4	0.89	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**31**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**15**	13	2.1	0.94	
67-64-1	Acetone	**25**	10	5.4	2.4	
75-69-4	Trichlorofluoromethane	**3.3**	0.43	0.27	0.069	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.5**	1.9	1.2	0.43	
75-09-2	Methylene Chloride	**0.81**	0.72	0.44	0.21	
76-13-1	Trichlorotrifluoroethane	**4.6**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	**8.1**	1.5	0.83	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**3.0**	1.6	0.52	0.18	
141-78-6	Ethyl Acetate	**15**	1.3	0.86	0.37	
110-54-3	n-Hexane	**1.9**	0.70	0.43	0.15	
67-66-3	Chloroform	**0.27**	0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	**0.58**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.070	**U**
71-43-2	Benzene	**0.54**	0.78	0.25	0.12	**J**
56-23-5	Carbon Tetrachloride	**2.2**	0.39	0.13	0.056	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-055-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00693

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.72

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2.2**	1.4	0.47	0.21	
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**1.8**	0.61	0.37	0.099	
108-10-1	4-Methyl-2-pentanone	**0.19**	1.2	0.20	0.085	**J**
108-88-3	Toluene	**3.4**	0.66	0.22	0.082	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.077	**U**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.074**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.27**	0.57	0.19	0.082	**J**
179601-23-1	m,p-Xylenes	**1.2**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**0.43**	0.58	0.19	0.085	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.28**	0.51	0.17	0.075	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.91**	0.51	0.17	0.072	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.64	0.21	0.084	**U**
91-20-3	Naphthalene	**0.14**	0.47	0.28	0.12	**J**
1330-20-7	Xylenes, Total	**1.6**	1.1	0.37	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01272

Initial Pressure (psig): -2.83 Final Pressure (psig): 7.10

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.38**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**95**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**1.3**	13	2.0	0.90	**J**
67-64-1	Acetone	**5.8**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**9.4**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**5.8**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**3.1**	1.5	0.80	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**0.69**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	**0.40**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**2.8**	1.6	0.27	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.56**	0.75	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**5.0**	0.37	0.12	0.054	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01272

Initial Pressure (psig): -2.83 Final Pressure (psig): 7.10

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**0.12**	0.44	0.15	0.062	**J**
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**0.26**	0.58	0.36	0.095	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.90**	0.63	0.21	0.079	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.067**	0.35	0.12	0.047	**J**
100-41-4	Ethylbenzene	**0.28**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**1.6**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**0.46**	0.56	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.47**	0.50	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.28**	0.46	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**2.0**	1.1	0.36	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-245-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21 & 5/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01270

Initial Pressure (psig): -2.99 Final Pressure (psig): 6.97

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.40**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**91**	4.9	3.0	0.81	**D, H2**
74-87-3	Chloromethane	0.72	1.2	0.72	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**4.9**	13	2.0	0.91	**J**
67-64-1	Acetone	**6.3**	10	5.3	2.3	**J**
75-69-4	Trichlorofluoromethane	**9.6**	0.42	0.26	0.067	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.43	0.69	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**3.8**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**3.1**	1.5	0.80	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**0.84**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	**0.87**	0.50	0.16	0.067	
109-99-9	Tetrahydrofuran (THF)	**5.0**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**1.7**	0.75	0.25	0.11	
56-23-5	Carbon Tetrachloride	**6.1**	0.38	0.13	0.054	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
H2 = Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-245-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21 & 5/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01270

Initial Pressure (psig): -2.99 Final Pressure (psig): 6.97

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.3	0.46	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**0.083**	0.44	0.15	0.062	**J**
123-91-1	1,4-Dioxane	**0.14**	0.67	0.22	0.081	**J**
142-82-5	n-Heptane	**0.26**	0.59	0.36	0.096	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.83**	0.64	0.21	0.080	
591-78-6	2-Hexanone	**0.16**	1.1	0.19	0.075	**J**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	0.12	0.35	0.12	0.047	**U**
100-41-4	Ethylbenzene	**0.27**	0.55	0.18	0.080	**J**
179601-23-1	m,p-Xylenes	**1.5**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.093	**U**
95-47-6	o-Xylene	**0.43**	0.56	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.45**	0.50	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	0.49	0.16	0.070	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.47**	0.46	0.27	0.11	
1330-20-7	Xylenes, Total	**2.0**	1.1	0.36	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS00050

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.59

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**110**	20	12	4.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1,100**	6.8	4.2	1.1	
74-87-3	Chloromethane	10	16	10	2.7	**U**
75-01-4	Vinyl Chloride	4.3	13	4.3	1.4	**U**
106-99-0	1,3-Butadiene	9.4	15	9.4	2.6	**U**
75-00-3	Chloroethane	7.9	13	7.9	1.6	**U**
64-17-5	Ethanol	29	180	29	13	**U**
67-64-1	Acetone	74	140	74	33	**U**
75-69-4	Trichlorofluoromethane	**170**	5.9	3.7	0.94	
67-63-0	2-Propanol (Isopropyl Alcohol)	17	26	17	5.8	**U**
75-09-2	Methylene Chloride	6.0	9.7	6.0	2.8	**U**
76-13-1	Trichlorotrifluoroethane	**46**	4.5	1.4	0.64	
75-15-0	Carbon Disulfide	**43**	21	11	3.3	
75-34-3	1,1-Dichloroethane	5.3	8.7	5.3	1.3	**U**
78-93-3	2-Butanone (MEK)	7.1	22	7.1	2.4	**U**
141-78-6	Ethyl Acetate	12	18	12	5.1	**U**
110-54-3	n-Hexane	**99**	9.6	5.9	2.0	
67-66-3	Chloroform	2.3	7.1	2.3	0.95	**U**
109-99-9	Tetrahydrofuran (THF)	3.7	22	3.7	1.5	**U**
107-06-2	1,2-Dichloroethane	2.7	8.4	2.7	0.95	**U**
71-43-2	Benzene	3.5	11	3.5	1.6	**U**
56-23-5	Carbon Tetrachloride	**1.9**	5.3	1.8	0.76	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS00050

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.59

Container Dilution Factor: 1.95

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**950**	19	6.4	2.8	
75-27-4	Bromodichloromethane	1.7	5.0	1.7	0.75	**U**
79-01-6	Trichloroethene	2.1	6.2	2.1	0.87	**U**
123-91-1	1,4-Dioxane	3.1	9.4	3.1	1.1	**U**
142-82-5	n-Heptane	5.1	8.3	5.1	1.3	**U**
108-10-1	4-Methyl-2-pentanone	2.7	16	2.7	1.2	**U**
108-88-3	Toluene	**2.0**	9.0	2.9	1.1	**J**
591-78-6	2-Hexanone	2.7	16	2.7	1.0	**U**
124-48-1	Dibromochloromethane	1.3	4.0	1.3	0.53	**U**
106-93-4	1,2-Dibromoethane	1.4	4.4	1.4	0.52	**U**
127-18-4	Tetrachloroethene	**2.5**	5.0	1.6	0.66	**J**
100-41-4	Ethylbenzene	2.5	7.8	2.5	1.1	**U**
179601-23-1	m,p-Xylenes	**2.8**	15	5.1	2.1	**J**
75-25-2	Bromoform	2.0	3.3	2.0	0.69	**U**
100-42-5	Styrene	4.9	7.9	4.9	1.3	**U**
95-47-6	o-Xylene	**2.5**	7.9	2.5	1.2	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.1**	7.0	2.2	1.0	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.7**	6.9	2.2	0.98	**J**
120-82-1	1,2,4-Trichlorobenzene	2.8	8.8	2.8	1.1	**U**
91-20-3	Naphthalene	3.8	6.5	3.8	1.6	**U**
1330-20-7	Xylenes, Total	**5.4**	15	5.1	2.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SC01290

Initial Pressure (psig): -2.95 Final Pressure (psig): 6.71

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	170	280	170	69	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1,300**	96	59	16	
74-87-3	Chloromethane	140	230	140	38	**U**
75-01-4	Vinyl Chloride	61	190	61	20	**U**
106-99-0	1,3-Butadiene	130	210	130	36	**U**
75-00-3	Chloroethane	110	180	110	23	**U**
64-17-5	Ethanol	400	2,600	400	180	**U**
67-64-1	Acetone	1,000	2,000	1,000	460	**U**
75-69-4	Trichlorofluoromethane	**190**	83	52	13	
67-63-0	2-Propanol (Isopropyl Alcohol)	230	370	230	81	**U**
75-09-2	Methylene Chloride	84	140	84	39	**U**
76-13-1	Trichlorotrifluoroethane	**51**	63	20	9.0	**J**
75-15-0	Carbon Disulfide	**110**	290	160	47	**J**
75-34-3	1,1-Dichloroethane	74	120	74	18	**U**
78-93-3	2-Butanone (MEK)	99	310	99	34	**U**
141-78-6	Ethyl Acetate	160	250	160	71	**U**
110-54-3	n-Hexane	**180**	130	83	28	
67-66-3	Chloroform	32	99	32	13	**U**
109-99-9	Tetrahydrofuran (THF)	52	310	52	21	**U**
107-06-2	1,2-Dichloroethane	38	120	38	13	**U**
71-43-2	Benzene	**1,400**	150	48	22	
56-23-5	Carbon Tetrachloride	25	74	25	11	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SC01290

Initial Pressure (psig): -2.95 Final Pressure (psig): 6.71

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**540**	260	90	40	
75-27-4	Bromodichloromethane	23	71	23	10	**U**
79-01-6	Trichloroethene	29	86	29	12	**U**
123-91-1	1,4-Dioxane	43	130	43	16	**U**
142-82-5	n-Heptane	**230**	120	71	19	
108-10-1	4-Methyl-2-pentanone	38	220	38	16	**U**
108-88-3	Toluene	**710**	130	41	16	
591-78-6	2-Hexanone	38	220	38	15	**U**
124-48-1	Dibromochloromethane	18	56	18	7.5	**U**
106-93-4	1,2-Dibromoethane	20	62	20	7.3	**U**
127-18-4	Tetrachloroethene	**36**	70	23	9.3	**J**
100-41-4	Ethylbenzene	**33**	110	36	16	**J**
179601-23-1	m,p-Xylenes	**73**	210	71	29	**J**
75-25-2	Bromoform	28	47	28	9.7	**U**
100-42-5	Styrene	68	110	68	18	**U**
95-47-6	o-Xylene	**34**	110	36	16	**J**
108-67-8	1,3,5-Trimethylbenzene	**26**	98	31	14	**J**
95-63-6	1,2,4-Trimethylbenzene	31	96	31	14	**U**
120-82-1	1,2,4-Trichlorobenzene	39	120	39	16	**U**
91-20-3	Naphthalene	54	90	54	23	**U**
1330-20-7	Xylenes, Total	**110**	210	71	29	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	20	32	20	8.0	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	6.9	11	6.9	1.9	**U**
74-87-3	Chloromethane	17	27	17	4.4	**U**
75-01-4	Vinyl Chloride	7.1	22	7.1	2.4	**U**
106-99-0	1,3-Butadiene	15	25	15	4.2	**U**
75-00-3	Chloroethane	13	21	13	2.7	**U**
64-17-5	Ethanol	47	300	47	21	**U**
67-64-1	Acetone	120	230	120	54	**U**
75-69-4	Trichlorofluoromethane	6.1	9.7	6.1	1.5	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	27	43	27	9.5	**U**
75-09-2	Methylene Chloride	9.8	16	9.8	4.6	**U**
76-13-1	Trichlorotrifluoroethane	**1.9**	7.4	2.4	1.1	**J**
75-15-0	Carbon Disulfide	18	34	18	5.5	**U**
75-34-3	1,1-Dichloroethane	8.7	14	8.7	2.1	**U**
78-93-3	2-Butanone (MEK)	12	36	12	4.0	**U**
141-78-6	Ethyl Acetate	19	30	19	8.3	**U**
110-54-3	n-Hexane	9.7	16	9.7	3.3	**U**
67-66-3	Chloroform	**2.4**	12	3.7	1.5	**J**
109-99-9	Tetrahydrofuran (THF)	6.1	36	6.1	2.4	**U**
107-06-2	1,2-Dichloroethane	4.5	14	4.5	1.6	**U**
71-43-2	Benzene	5.7	17	5.7	2.6	**U**
56-23-5	Carbon Tetrachloride	**1.3**	8.6	2.9	1.3	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	11	31	11	4.6	**U**
75-27-4	Bromodichloromethane	2.7	8.3	2.7	1.2	**U**
79-01-6	Trichloroethene	**1,400**	10	3.4	1.4	
123-91-1	1,4-Dioxane	5.0	15	5.0	1.9	**U**
142-82-5	n-Heptane	8.3	14	8.3	2.2	**U**
108-10-1	4-Methyl-2-pentanone	4.4	26	4.4	1.9	**U**
108-88-3	Toluene	4.8	15	4.8	1.8	**U**
591-78-6	2-Hexanone	4.4	26	4.4	1.7	**U**
124-48-1	Dibromochloromethane	2.1	6.5	2.1	0.88	**U**
106-93-4	1,2-Dibromoethane	2.4	7.2	2.4	0.86	**U**
127-18-4	Tetrachloroethene	**3.5**	8.2	2.7	1.1	**J**
100-41-4	Ethylbenzene	4.2	13	4.2	1.8	**U**
179601-23-1	m,p-Xylenes	8.3	25	8.3	3.4	**U**
75-25-2	Bromoform	3.3	5.5	3.3	1.1	**U**
100-42-5	Styrene	8.0	13	8.0	2.2	**U**
95-47-6	o-Xylene	4.2	13	4.2	1.9	**U**
108-67-8	1,3,5-Trimethylbenzene	3.7	11	3.7	1.7	**U**
95-63-6	1,2,4-Trimethylbenzene	3.7	11	3.7	1.6	**U**
120-82-1	1,2,4-Trichlorobenzene	4.6	14	4.6	1.9	**U**
91-20-3	Naphthalene	6.3	11	6.3	2.6	**U**
1330-20-7	Xylenes, Total	8.3	25	8.3	3.4	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.014 Liter(s)
Test Notes:
Container ID: 1SS01157

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.36

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	25	40	25	10	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	8.6	14	8.6	2.3	**U**
74-87-3	Chloromethane	21	33	21	5.5	**U**
75-01-4	Vinyl Chloride	8.8	28	8.8	3.0	**U**
106-99-0	1,3-Butadiene	19	31	19	5.3	**U**
75-00-3	Chloroethane	16	26	16	3.3	**U**
64-17-5	Ethanol	59	370	59	26	**U**
67-64-1	Acetone	150	290	150	67	**U**
75-69-4	Trichlorofluoromethane	7.6	12	7.6	1.9	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	34	54	34	12	**U**
75-09-2	Methylene Chloride	12	20	12	5.7	**U**
76-13-1	Trichlorotrifluoroethane	**2.3**	9.2	2.9	1.3	**J**
75-15-0	Carbon Disulfide	23	43	23	6.8	**U**
75-34-3	1,1-Dichloroethane	11	18	11	2.6	**U**
78-93-3	2-Butanone (MEK)	14	45	14	5.0	**U**
141-78-6	Ethyl Acetate	24	37	24	10	**U**
110-54-3	n-Hexane	12	20	12	4.1	**U**
67-66-3	Chloroform	**3.9**	14	4.6	1.9	**J**
109-99-9	Tetrahydrofuran (THF)	7.7	45	7.7	3.0	**U**
107-06-2	1,2-Dichloroethane	5.6	17	5.6	1.9	**U**
71-43-2	Benzene	7.1	22	7.1	3.2	**U**
56-23-5	Carbon Tetrachloride	**1.9**	11	3.6	1.6	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.014 Liter(s)
Test Notes:
Container ID: 1SS01157

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.36

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	13	39	13	5.8	**U**
75-27-4	Bromodichloromethane	3.4	10	3.4	1.5	**U**
79-01-6	Trichloroethene	**2,200**	13	4.2	1.8	
123-91-1	1,4-Dioxane	6.3	19	6.3	2.3	**U**
142-82-5	n-Heptane	10	17	10	2.8	**U**
108-10-1	4-Methyl-2-pentanone	5.5	32	5.5	2.4	**U**
108-88-3	Toluene	6.0	18	6.0	2.3	**U**
591-78-6	2-Hexanone	5.5	32	5.5	2.1	**U**
124-48-1	Dibromochloromethane	2.7	8.1	2.7	1.1	**U**
106-93-4	1,2-Dibromoethane	2.9	9.0	2.9	1.1	**U**
127-18-4	Tetrachloroethene	**7.4**	10	3.3	1.4	**J**
100-41-4	Ethylbenzene	5.2	16	5.2	2.3	**U**
179601-23-1	m,p-Xylenes	10	31	10	4.3	**U**
75-25-2	Bromoform	4.1	6.8	4.1	1.4	**U**
100-42-5	Styrene	10	16	10	2.7	**U**
95-47-6	o-Xylene	5.2	16	5.2	2.4	**U**
108-67-8	1,3,5-Trimethylbenzene	4.6	14	4.6	2.1	**U**
95-63-6	1,2,4-Trimethylbenzene	4.6	14	4.6	2.0	**U**
120-82-1	1,2,4-Trichlorobenzene	5.7	18	5.7	2.3	**U**
91-20-3	Naphthalene	7.9	13	7.9	3.3	**U**
1330-20-7	Xylenes, Total	10	31	10	4.3	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-175-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SS01153

Initial Pressure (psig): -3.29 Final Pressure (psig): 6.71

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	58	95	58	24	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	20	33	20	5.5	**U**
74-87-3	Chloromethane	49	79	49	13	**U**
75-01-4	Vinyl Chloride	21	65	21	7.0	**U**
106-99-0	1,3-Butadiene	45	74	45	12	**U**
75-00-3	Chloroethane	38	62	38	7.8	**U**
64-17-5	Ethanol	**150**	880	140	62	**J**
67-64-1	Acetone	360	690	360	160	**U**
75-69-4	Trichlorofluoromethane	18	28	18	4.5	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	80	130	80	28	**U**
75-09-2	Methylene Chloride	29	47	29	14	**U**
76-13-1	Trichlorotrifluoroethane	**3.7**	22	7.0	3.1	**J**
75-15-0	Carbon Disulfide	54	100	54	16	**U**
75-34-3	1,1-Dichloroethane	26	42	26	6.0	**U**
78-93-3	2-Butanone (MEK)	34	110	34	12	**U**
141-78-6	Ethyl Acetate	57	87	57	24	**U**
110-54-3	n-Hexane	28	46	28	9.8	**U**
67-66-3	Chloroform	11	34	11	4.6	**U**
109-99-9	Tetrahydrofuran (THF)	18	110	18	7.1	**U**
107-06-2	1,2-Dichloroethane	13	40	13	4.6	**U**
71-43-2	Benzene	17	51	17	7.6	**U**
56-23-5	Carbon Tetrachloride	**4.3**	25	8.5	3.7	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-175-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SS01153

Initial Pressure (psig): -3.29 Final Pressure (psig): 6.71

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	31	91	31	14	**U**
75-27-4	Bromodichloromethane	8.0	24	8.0	3.6	**U**
79-01-6	Trichloroethene	**5,600**	30	9.9	4.2	
123-91-1	1,4-Dioxane	15	45	15	5.5	**U**
142-82-5	n-Heptane	24	40	24	6.5	**U**
108-10-1	4-Methyl-2-pentanone	13	76	13	5.6	**U**
108-88-3	Toluene	14	43	14	5.4	**U**
591-78-6	2-Hexanone	13	77	13	5.1	**U**
124-48-1	Dibromochloromethane	6.3	19	6.3	2.6	**U**
106-93-4	1,2-Dibromoethane	6.9	21	6.9	2.5	**U**
127-18-4	Tetrachloroethene	**15**	24	7.9	3.2	**J**
100-41-4	Ethylbenzene	12	38	12	5.4	**U**
179601-23-1	m,p-Xylenes	25	72	25	10	**U**
75-25-2	Bromoform	9.7	16	9.7	3.3	**U**
100-42-5	Styrene	24	38	24	6.3	**U**
95-47-6	o-Xylene	12	38	12	5.6	**U**
108-67-8	1,3,5-Trimethylbenzene	11	34	11	4.9	**U**
95-63-6	1,2,4-Trimethylbenzene	11	33	11	4.7	**U**
120-82-1	1,2,4-Trichlorobenzene	14	42	14	5.5	**U**
91-20-3	Naphthalene	19	31	19	7.8	**U**
1330-20-7	Xylenes, Total	25	72	25	10	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	37	61	37	15	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	13	21	13	3.5	**U**
74-87-3	Chloromethane	31	51	31	8.4	**U**
75-01-4	Vinyl Chloride	13	42	13	4.5	**U**
106-99-0	1,3-Butadiene	29	47	29	8.0	**U**
75-00-3	Chloroethane	24	40	24	5.0	**U**
64-17-5	Ethanol	**62**	570	89	39	**J**
67-64-1	Acetone	230	440	230	100	**U**
75-69-4	Trichlorofluoromethane	11	18	11	2.9	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	52	82	52	18	**U**
75-09-2	Methylene Chloride	19	30	19	8.7	**U**
76-13-1	Trichlorotrifluoroethane	4.5	14	4.5	2.0	**U**
75-15-0	Carbon Disulfide	35	65	35	10	**U**
75-34-3	1,1-Dichloroethane	16	27	16	3.9	**U**
78-93-3	2-Butanone (MEK)	22	68	22	7.5	**U**
141-78-6	Ethyl Acetate	36	56	36	16	**U**
110-54-3	n-Hexane	18	30	18	6.3	**U**
67-66-3	Chloroform	**7.0**	22	7.0	2.9	**J**
109-99-9	Tetrahydrofuran (THF)	**52**	68	12	4.6	**J**
107-06-2	1,2-Dichloroethane	8.4	26	8.4	2.9	**U**
71-43-2	Benzene	11	33	11	4.8	**U**
56-23-5	Carbon Tetrachloride	5.4	16	5.4	2.4	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	20	58	20	8.8	**U**
75-27-4	Bromodichloromethane	5.1	16	5.1	2.3	**U**
79-01-6	Trichloroethene	**3,500**	19	6.4	2.7	
123-91-1	1,4-Dioxane	9.5	29	9.5	3.5	**U**
142-82-5	n-Heptane	16	26	16	4.2	**U**
108-10-1	4-Methyl-2-pentanone	8.3	49	8.3	3.6	**U**
108-88-3	Toluene	9.1	28	9.1	3.5	**U**
591-78-6	2-Hexanone	8.3	49	8.3	3.2	**U**
124-48-1	Dibromochloromethane	4.0	12	4.0	1.7	**U**
106-93-4	1,2-Dibromoethane	4.4	14	4.4	1.6	**U**
127-18-4	Tetrachloroethene	**7.7**	15	5.0	2.0	**J**
100-41-4	Ethylbenzene	7.9	24	7.9	3.5	**U**
179601-23-1	m,p-Xylenes	16	46	16	6.5	**U**
75-25-2	Bromoform	6.2	10	6.2	2.1	**U**
100-42-5	Styrene	15	25	15	4.1	**U**
95-47-6	o-Xylene	7.9	25	7.9	3.6	**U**
108-67-8	1,3,5-Trimethylbenzene	7.0	22	7.0	3.1	**U**
95-63-6	1,2,4-Trimethylbenzene	7.0	21	7.0	3.0	**U**
120-82-1	1,2,4-Trichlorobenzene	8.7	27	8.7	3.5	**U**
91-20-3	Naphthalene	12	20	12	5.0	**U**
1330-20-7	Xylenes, Total	16	46	16	6.5	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01254

Initial Pressure (psig): -4.16 Final Pressure (psig): 6.45

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**		1.5	0.93	0.38	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.34**		0.53	0.33	0.088	**J**
74-87-3	Chloromethane		0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride		0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene		0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane		0.61	0.99	0.61	0.13	**U**
64-17-5	Ethanol	**17**		14	2.2	0.99	
67-64-1	Acetone	**5.3**		11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.15**		0.46	0.29	0.072	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.5**		2.0	1.3	0.45	
75-09-2	Methylene Chloride		0.46	0.75	0.46	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.081**		0.35	0.11	0.050	**J**
75-15-0	Carbon Disulfide	**3.1**		1.6	0.87	0.26	
75-34-3	1,1-Dichloroethane		0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**3.4**		1.7	0.55	0.19	
141-78-6	Ethyl Acetate		0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane		0.46	0.74	0.46	0.16	**U**
67-66-3	Chloroform	**1.2**		0.55	0.17	0.073	
109-99-9	Tetrahydrofuran (THF)	**0.43**		1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane		0.21	0.65	0.21	0.073	**U**
71-43-2	Benzene	**0.74**		0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.13**		0.41	0.14	0.059	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01254

Initial Pressure (psig): -4.16 Final Pressure (psig): 6.45

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	**65**	0.48	0.16	0.067	
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	0.39	0.64	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.23**	0.69	0.23	0.087	**J**
591-78-6	2-Hexanone	**0.24**	1.2	0.21	0.081	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.16**	0.39	0.13	0.051	**J**
100-41-4	Ethylbenzene	0.20	0.60	0.20	0.087	**U**
179601-23-1	m,p-Xylenes	0.39	1.2	0.39	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.053	**U**
100-42-5	Styrene	0.38	0.61	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.61	0.20	0.089	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.076	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.12	**U**
1330-20-7	Xylenes, Total	0.39	1.2	0.39	0.16	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01247

Initial Pressure (psig): -4.43 Final Pressure (psig): 7.55

Container Dilution Factor: 2.17

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**61**		1.6	1.0	0.41	
75-71-8	Dichlorodifluoromethane (CFC 12)		0.35	0.57	0.35	0.095	**U**
74-87-3	Chloromethane	**3.8**		1.4	0.84	0.23	
75-01-4	Vinyl Chloride	**1.6**		1.1	0.36	0.12	
106-99-0	1,3-Butadiene		0.79	1.3	0.79	0.22	**U**
75-00-3	Chloroethane	**1.3**		1.1	0.66	0.14	
64-17-5	Ethanol	**24**		15	2.4	1.1	
67-64-1	Acetone	**20**		12	6.2	2.7	
75-69-4	Trichlorofluoromethane		0.31	0.49	0.31	0.078	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**170**		2.2	1.4	0.49	
75-09-2	Methylene Chloride	**0.23**		0.81	0.50	0.23	**J**
76-13-1	Trichlorotrifluoroethane	**0.088**		0.38	0.12	0.054	**J**
75-15-0	Carbon Disulfide	**12**		1.7	0.94	0.28	
75-34-3	1,1-Dichloroethane	**0.71**		0.72	0.44	0.10	**J**
78-93-3	2-Butanone (MEK)	**5.2**		1.8	0.59	0.20	
141-78-6	Ethyl Acetate		0.98	1.5	0.98	0.42	**U**
110-54-3	n-Hexane	**0.27**		0.80	0.49	0.17	**J**
67-66-3	Chloroform	**0.29**		0.59	0.19	0.079	**J**
109-99-9	Tetrahydrofuran (THF)	**9.5**		1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane	**0.37**		0.70	0.23	0.079	**J**
71-43-2	Benzene	**0.57**		0.88	0.29	0.13	**J**
56-23-5	Carbon Tetrachloride	**0.12**		0.44	0.15	0.064	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV132-450-212**	ALS Project ID:	P2102034
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102034-017
Test Code:	EPA TO-15	Date Collected:	4/12/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/16/21
Analyst:	Lusine Hakobyan	Date Analyzed:	5/7/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.40 Liter(s)
Test Notes:			0.040 Liter(s)
Container ID:	1SS01247		

Initial Pressure (psig): -4.43 Final Pressure (psig): 7.55

Container Dilution Factor: 2.17

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.54	1.6	0.54	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.062	**U**
79-01-6	Trichloroethene	**120**	5.2	1.7	0.73	**D**
123-91-1	1,4-Dioxane	0.26	0.78	0.26	0.095	**U**
142-82-5	n-Heptane	**0.15**	0.69	0.42	0.11	**J**
108-10-1	4-Methyl-2-pentanone	**0.25**	1.3	0.23	0.097	**J**
108-88-3	Toluene	**2.7**	0.75	0.24	0.094	
591-78-6	2-Hexanone	**0.29**	1.3	0.23	0.087	**J**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.045	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.044	**U**
127-18-4	Tetrachloroethene	**0.26**	0.42	0.14	0.055	**J**
100-41-4	Ethylbenzene	0.21	0.65	0.21	0.094	**U**
179601-23-1	m,p-Xylenes	**0.21**	1.2	0.42	0.17	**J**
75-25-2	Bromoform	0.17	0.28	0.17	0.058	**U**
100-42-5	Styrene	0.41	0.66	0.41	0.11	**U**
95-47-6	o-Xylene	0.21	0.66	0.21	0.096	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.59	0.19	0.085	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.085**	0.57	0.19	0.082	**J**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.73	0.23	0.095	**U**
91-20-3	Naphthalene	0.32	0.54	0.32	0.13	**U**
1330-20-7	Xylenes, Total	**0.21**	1.2	0.42	0.17	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01253

Initial Pressure (psig): -3.55 Final Pressure (psig): 9.36

Container Dilution Factor: 2.16

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.46**	1.6	1.0	0.41	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.50**	0.57	0.35	0.095	**J**
74-87-3	Chloromethane	0.84	1.4	0.84	0.22	**U**
75-01-4	Vinyl Chloride	0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene	0.78	1.3	0.78	0.21	**U**
75-00-3	Chloroethane	0.66	1.1	0.66	0.14	**U**
64-17-5	Ethanol	**12**	15	2.4	1.1	**J**
67-64-1	Acetone	**3.3**	12	6.1	2.7	**J**
75-69-4	Trichlorofluoromethane	**0.18**	0.49	0.31	0.078	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.56**	2.2	1.4	0.48	**J**
75-09-2	Methylene Chloride	0.50	0.81	0.50	0.23	**U**
76-13-1	Trichlorotrifluoroethane	**0.17**	0.37	0.12	0.054	**J**
75-15-0	Carbon Disulfide	**0.57**	1.7	0.94	0.28	**J**
75-34-3	1,1-Dichloroethane	0.44	0.72	0.44	0.10	**U**
78-93-3	2-Butanone (MEK)	**2.6**	1.8	0.59	0.20	
141-78-6	Ethyl Acetate	0.97	1.5	0.97	0.42	**U**
110-54-3	n-Hexane	0.49	0.80	0.49	0.17	**U**
67-66-3	Chloroform	0.19	0.59	0.19	0.079	**U**
109-99-9	Tetrahydrofuran (THF)	0.31	1.8	0.31	0.12	**U**
107-06-2	1,2-Dichloroethane	0.23	0.69	0.23	0.079	**U**
71-43-2	Benzene	0.29	0.88	0.29	0.13	**U**
56-23-5	Carbon Tetrachloride	0.15	0.44	0.15	0.064	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01253

Initial Pressure (psig): -3.55 Final Pressure (psig): 9.36

Container Dilution Factor: 2.16

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.53	1.6	0.53	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.062	**U**
79-01-6	Trichloroethene	**4.6**	0.51	0.17	0.072	
123-91-1	1,4-Dioxane	0.25	0.78	0.25	0.094	**U**
142-82-5	n-Heptane	0.42	0.69	0.42	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.096	**U**
108-88-3	Toluene	**0.19**	0.75	0.24	0.093	**J**
591-78-6	2-Hexanone	**0.18**	1.3	0.22	0.087	**J**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.044	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.044	**U**
127-18-4	Tetrachloroethene	**0.13**	0.41	0.14	0.055	**J**
100-41-4	Ethylbenzene	0.21	0.65	0.21	0.093	**U**
179601-23-1	m,p-Xylenes	0.42	1.2	0.42	0.17	**U**
75-25-2	Bromoform	0.17	0.28	0.17	0.057	**U**
100-42-5	Styrene	0.41	0.66	0.41	0.11	**U**
95-47-6	o-Xylene	0.21	0.66	0.21	0.096	**U**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.58	0.19	0.085	**U**
95-63-6	1,2,4-Trimethylbenzene	0.19	0.57	0.19	0.081	**U**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.73	0.23	0.095	**U**
91-20-3	Naphthalene	0.32	0.54	0.32	0.13	**U**
1330-20-7	Xylenes, Total	0.42	1.2	0.42	0.17	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01259

Initial Pressure (psig): -4.22 Final Pressure (psig): 9.22

Container Dilution Factor: 2.28

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.49**		1.7	1.1	0.43	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**		0.60	0.37	0.10	**J**
74-87-3	Chloromethane		0.88	1.4	0.88	0.24	**U**
75-01-4	Vinyl Chloride		0.38	1.2	0.38	0.13	**U**
106-99-0	1,3-Butadiene		0.82	1.3	0.82	0.23	**U**
75-00-3	Chloroethane		0.69	1.1	0.69	0.14	**U**
64-17-5	Ethanol	**9.6**		16	2.5	1.1	**J**
67-64-1	Acetone		6.5	12	6.5	2.9	**U**
75-69-4	Trichlorofluoromethane	**0.19**		0.52	0.32	0.082	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.63**		2.3	1.5	0.51	**J**
75-09-2	Methylene Chloride		0.53	0.85	0.53	0.25	**U**
76-13-1	Trichlorotrifluoroethane	**0.22**		0.39	0.13	0.057	**J**
75-15-0	Carbon Disulfide		0.99	1.8	0.99	0.29	**U**
75-34-3	1,1-Dichloroethane		0.46	0.76	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**1.9**		1.9	0.62	0.21	**J**
141-78-6	Ethyl Acetate		1.0	1.6	1.0	0.44	**U**
110-54-3	n-Hexane		0.52	0.84	0.52	0.18	**U**
67-66-3	Chloroform		0.20	0.62	0.20	0.083	**U**
109-99-9	Tetrahydrofuran (THF)		0.33	1.9	0.33	0.13	**U**
107-06-2	1,2-Dichloroethane		0.24	0.73	0.24	0.083	**U**
71-43-2	Benzene		0.30	0.93	0.30	0.14	**U**
56-23-5	Carbon Tetrachloride	**0.072**		0.46	0.15	0.067	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01259

Initial Pressure (psig): -4.22 Final Pressure (psig): 9.22

Container Dilution Factor: 2.28

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.56	1.7	0.56	0.25	**U**
75-27-4	Bromodichloromethane	0.14	0.44	0.14	0.066	**U**
79-01-6	Trichloroethene	**7.8**	0.54	0.18	0.076	
123-91-1	1,4-Dioxane	0.27	0.82	0.27	0.10	**U**
142-82-5	n-Heptane	0.45	0.72	0.45	0.12	**U**
108-10-1	4-Methyl-2-pentanone	0.24	1.4	0.24	0.10	**U**
108-88-3	Toluene	**0.12**	0.79	0.26	0.098	**J**
591-78-6	2-Hexanone	**0.17**	1.4	0.24	0.092	**J**
124-48-1	Dibromochloromethane	0.11	0.35	0.11	0.047	**U**
106-93-4	1,2-Dibromoethane	0.13	0.39	0.13	0.046	**U**
127-18-4	Tetrachloroethene	**0.19**	0.44	0.14	0.058	**J**
100-41-4	Ethylbenzene	0.22	0.68	0.22	0.098	**U**
179601-23-1	m,p-Xylenes	0.45	1.3	0.45	0.18	**U**
75-25-2	Bromoform	0.18	0.29	0.18	0.061	**U**
100-42-5	Styrene	0.43	0.70	0.43	0.12	**U**
95-47-6	o-Xylene	0.22	0.70	0.22	0.10	**U**
108-67-8	1,3,5-Trimethylbenzene	0.20	0.61	0.20	0.089	**U**
95-63-6	1,2,4-Trimethylbenzene	0.20	0.60	0.20	0.086	**U**
120-82-1	1,2,4-Trichlorobenzene	0.25	0.77	0.25	0.10	**U**
91-20-3	Naphthalene	0.34	0.57	0.34	0.14	**U**
1330-20-7	Xylenes, Total	0.45	1.3	0.45	0.18	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-170-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01257

Initial Pressure (psig): -3.86 Final Pressure (psig): 8.14

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.49**	1.6	0.98	0.40	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.46**	0.55	0.34	0.093	**J**
74-87-3	Chloromethane	0.82	1.3	0.82	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.76	1.2	0.76	0.21	**U**
75-00-3	Chloroethane	0.64	1.0	0.64	0.13	**U**
64-17-5	Ethanol	**11**	15	2.3	1.0	**J**
67-64-1	Acetone	**13**	12	6.0	2.7	
75-69-4	Trichlorofluoromethane	**0.17**	0.48	0.30	0.076	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.71**	2.1	1.4	0.47	**J**
75-09-2	Methylene Chloride	0.49	0.79	0.49	0.23	**U**
76-13-1	Trichlorotrifluoroethane	**0.33**	0.36	0.12	0.052	**J**
75-15-0	Carbon Disulfide	**2.0**	1.7	0.92	0.27	
75-34-3	1,1-Dichloroethane	0.43	0.70	0.43	0.10	**U**
78-93-3	2-Butanone (MEK)	**3.5**	1.8	0.57	0.20	
141-78-6	Ethyl Acetate	0.95	1.5	0.95	0.41	**U**
110-54-3	n-Hexane	0.48	0.78	0.48	0.16	**U**
67-66-3	Chloroform	**0.17**	0.57	0.18	0.077	**J**
109-99-9	Tetrahydrofuran (THF)	**0.87**	1.8	0.30	0.12	**J**
107-06-2	1,2-Dichloroethane	0.22	0.68	0.22	0.077	**U**
71-43-2	Benzene	**0.21**	0.86	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	**0.12**	0.43	0.14	0.062	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-170-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01257

Initial Pressure (psig): -3.86 Final Pressure (psig): 8.14

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.52	1.5	0.52	0.23	**U**
75-27-4	Bromodichloromethane	0.13	0.41	0.13	0.061	**U**
79-01-6	Trichloroethene	**27**	0.50	0.17	0.071	
123-91-1	1,4-Dioxane	0.25	0.76	0.25	0.092	**U**
142-82-5	n-Heptane	0.41	0.67	0.41	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.094	**U**
108-88-3	Toluene	**0.11**	0.73	0.24	0.091	**J**
591-78-6	2-Hexanone	**0.22**	1.3	0.22	0.085	**J**
124-48-1	Dibromochloromethane	0.11	0.32	0.11	0.043	**U**
106-93-4	1,2-Dibromoethane	0.12	0.36	0.12	0.043	**U**
127-18-4	Tetrachloroethene	**0.33**	0.40	0.13	0.054	**J**
100-41-4	Ethylbenzene	0.21	0.63	0.21	0.091	**U**
179601-23-1	m,p-Xylenes	0.41	1.2	0.41	0.17	**U**
75-25-2	Bromoform	0.16	0.27	0.16	0.056	**U**
100-42-5	Styrene	0.40	0.64	0.40	0.11	**U**
95-47-6	o-Xylene	0.21	0.64	0.21	0.094	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.57	0.18	0.083	**U**
95-63-6	1,2,4-Trimethylbenzene	0.18	0.56	0.18	0.079	**U**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.71	0.23	0.092	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.41	1.2	0.41	0.17	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01166

Initial Pressure (psig): -4.11 Final Pressure (psig): 6.68

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.94	1.5	0.94	0.38	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.33	0.53	0.33	0.089	**U**
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.0	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**2.1**	14	2.2	0.99	**J**
67-64-1	Acetone	5.7	11	5.7	2.6	**U**
75-69-4	Trichlorofluoromethane	0.29	0.46	0.29	0.073	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.35	0.11	0.050	**U**
75-15-0	Carbon Disulfide	0.88	1.6	0.88	0.26	**U**
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	0.55	1.7	0.55	0.19	**U**
141-78-6	Ethyl Acetate	0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	0.18	0.55	0.18	0.073	**U**
109-99-9	Tetrahydrofuran (THF)	0.29	1.7	0.29	0.11	**U**
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	0.27	0.82	0.27	0.12	**U**
56-23-5	Carbon Tetrachloride	0.14	0.41	0.14	0.059	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01166

Initial Pressure (psig): -4.11 Final Pressure (psig): 6.68

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	**0.37**	0.48	0.16	0.068	**J**
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	0.39	0.64	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.13**	0.70	0.23	0.087	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**21**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	**0.18**	0.60	0.20	0.087	**J**
179601-23-1	m,p-Xylenes	**0.52**	1.2	0.40	0.16	**J**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**0.17**	0.62	0.20	0.090	**J**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.14**	0.53	0.17	0.076	**J**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	**0.68**	1.2	0.40	0.16	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-612** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01221

Initial Pressure (psig): -2.87 Final Pressure (psig): 8.51

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.46**	1.5	0.91	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.40**	0.52	0.32	0.086	**J**
74-87-3	Chloromethane	0.76	1.2	0.76	0.20	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.71	1.2	0.71	0.19	**U**
75-00-3	Chloroethane	0.59	0.97	0.59	0.12	**U**
64-17-5	Ethanol	**17**	14	2.2	0.96	
67-64-1	Acetone	**3.6**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.14**	0.44	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.59**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	0.45	0.73	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.13**	0.34	0.11	0.049	**J**
75-15-0	Carbon Disulfide	**4.1**	1.6	0.85	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**2.7**	1.7	0.53	0.18	
141-78-6	Ethyl Acetate	**0.52**	1.4	0.88	0.38	**J**
110-54-3	n-Hexane	0.45	0.72	0.45	0.15	**U**
67-66-3	Chloroform	**0.20**	0.53	0.17	0.071	**J**
109-99-9	Tetrahydrofuran (THF)	**1.8**	1.7	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.63	0.21	0.071	**U**
71-43-2	Benzene	**0.32**	0.80	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.10**	0.40	0.13	0.058	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-612** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01221

Initial Pressure (psig): -2.87 Final Pressure (psig): 8.51

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.38	0.12	0.056	**U**
79-01-6	Trichloroethene	**15**	0.47	0.16	0.066	
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.086	**U**
142-82-5	n-Heptane	0.38	0.62	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.087	**U**
108-88-3	Toluene	**0.21**	0.68	0.22	0.085	**J**
591-78-6	2-Hexanone	**0.18**	1.2	0.20	0.079	**J**
124-48-1	Dibromochloromethane	0.098	0.30	0.098	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.13**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	0.19	0.59	0.19	0.085	**U**
179601-23-1	m,p-Xylenes	0.38	1.1	0.38	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.099	**U**
95-47-6	o-Xylene	0.19	0.60	0.19	0.087	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.66	0.21	0.086	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.38	1.1	0.38	0.16	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01255

Initial Pressure (psig): -4.65 Final Pressure (psig): 6.33

Container Dilution Factor: 2.09

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.68**	1.6	0.97	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.40**	0.55	0.34	0.092	**J**
74-87-3	Chloromethane	0.81	1.3	0.81	0.22	**U**
75-01-4	Vinyl Chloride	0.35	1.1	0.35	0.12	**U**
106-99-0	1,3-Butadiene	0.76	1.2	0.76	0.21	**U**
75-00-3	Chloroethane	0.63	1.0	0.63	0.13	**U**
64-17-5	Ethanol	**12**	15	2.3	1.0	**J**
67-64-1	Acetone	**3.2**	11	5.9	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.14**	0.47	0.30	0.075	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.74**	2.1	1.3	0.47	**J**
75-09-2	Methylene Chloride	0.48	0.78	0.48	0.23	**U**
76-13-1	Trichlorotrifluoroethane	**0.13**	0.36	0.12	0.052	**J**
75-15-0	Carbon Disulfide	**3.5**	1.7	0.91	0.27	
75-34-3	1,1-Dichloroethane	0.43	0.70	0.43	0.10	**U**
78-93-3	2-Butanone (MEK)	**3.1**	1.8	0.57	0.19	
141-78-6	Ethyl Acetate	0.94	1.5	0.94	0.41	**U**
110-54-3	n-Hexane	0.47	0.77	0.47	0.16	**U**
67-66-3	Chloroform	**0.20**	0.57	0.18	0.076	**J**
109-99-9	Tetrahydrofuran (THF)	**1.8**	1.8	0.30	0.12	
107-06-2	1,2-Dichloroethane	0.22	0.67	0.22	0.076	**U**
71-43-2	Benzene	**0.29**	0.85	0.28	0.13	**J**
56-23-5	Carbon Tetrachloride	**0.096**	0.42	0.14	0.061	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01255

Initial Pressure (psig): -4.65 Final Pressure (psig): 6.33

Container Dilution Factor: 2.09

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.52	1.5	0.52	0.23	**U**
75-27-4	Bromodichloromethane	0.13	0.41	0.13	0.060	**U**
79-01-6	Trichloroethene	**15**	0.50	0.17	0.070	
123-91-1	1,4-Dioxane	0.25	0.75	0.25	0.091	**U**
142-82-5	n-Heptane	0.41	0.66	0.41	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.22	1.3	0.22	0.093	**U**
108-88-3	Toluene	**0.14**	0.72	0.24	0.090	**J**
591-78-6	2-Hexanone	**0.21**	1.3	0.22	0.084	**J**
124-48-1	Dibromochloromethane	0.10	0.32	0.10	0.043	**U**
106-93-4	1,2-Dibromoethane	0.12	0.35	0.12	0.042	**U**
127-18-4	Tetrachloroethene	**0.12**	0.40	0.13	0.053	**J**
100-41-4	Ethylbenzene	0.20	0.63	0.20	0.090	**U**
179601-23-1	m,p-Xylenes	0.41	1.2	0.41	0.17	**U**
75-25-2	Bromoform	0.16	0.27	0.16	0.056	**U**
100-42-5	Styrene	0.39	0.64	0.39	0.11	**U**
95-47-6	o-Xylene	0.20	0.64	0.20	0.093	**U**
108-67-8	1,3,5-Trimethylbenzene	0.18	0.56	0.18	0.082	**U**
95-63-6	1,2,4-Trimethylbenzene	0.18	0.55	0.18	0.079	**U**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.70	0.23	0.092	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.41	1.2	0.41	0.17	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01156

Initial Pressure (psig): -3.32 Final Pressure (psig): 9.28

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	13	21	13	5.3	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	4.6	7.4	4.6	1.2	**U**
74-87-3	Chloromethane	11	18	11	2.9	**U**
75-01-4	Vinyl Chloride	4.7	15	4.7	1.6	**U**
106-99-0	1,3-Butadiene	10	17	10	2.8	**U**
75-00-3	Chloroethane	8.5	14	8.5	1.8	**U**
64-17-5	Ethanol	31	200	31	14	**U**
67-64-1	Acetone	80	150	80	36	**U**
75-69-4	Trichlorofluoromethane	4.0	6.4	4.0	1.0	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	18	29	18	6.3	**U**
75-09-2	Methylene Chloride	6.5	11	6.5	3.0	**U**
76-13-1	Trichlorotrifluoroethane	1.6	4.9	1.6	0.70	**U**
75-15-0	Carbon Disulfide	**13**	23	12	3.6	**J**
75-34-3	1,1-Dichloroethane	5.7	9.4	5.7	1.4	**U**
78-93-3	2-Butanone (MEK)	7.6	24	7.6	2.6	**U**
141-78-6	Ethyl Acetate	13	20	13	5.5	**U**
110-54-3	n-Hexane	**37**	10	6.4	2.2	
67-66-3	Chloroform	2.4	7.6	2.4	1.0	**U**
109-99-9	Tetrahydrofuran (THF)	4.1	24	4.1	1.6	**U**
107-06-2	1,2-Dichloroethane	3.0	9.0	3.0	1.0	**U**
71-43-2	Benzene	**41**	11	3.7	1.7	
56-23-5	Carbon Tetrachloride	1.9	5.7	1.9	0.83	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01156

Initial Pressure (psig): -3.32 Final Pressure (psig): 9.28

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**27**	20	7.0	3.1	
75-27-4	Bromodichloromethane	1.8	5.5	1.8	0.81	**U**
79-01-6	Trichloroethene	**2.8**	6.7	2.2	0.94	**J**
123-91-1	1,4-Dioxane	3.3	10	3.3	1.2	**U**
142-82-5	n-Heptane	**4.0**	8.9	5.5	1.5	**J**
108-10-1	4-Methyl-2-pentanone	2.9	17	2.9	1.3	**U**
108-88-3	Toluene	**4.8**	9.7	3.2	1.2	**J**
591-78-6	2-Hexanone	2.9	17	2.9	1.1	**U**
124-48-1	Dibromochloromethane	1.4	4.3	1.4	0.58	**U**
106-93-4	1,2-Dibromoethane	1.6	4.8	1.6	0.57	**U**
127-18-4	Tetrachloroethene	1.8	5.4	1.8	0.72	**U**
100-41-4	Ethylbenzene	2.8	8.4	2.8	1.2	**U**
179601-23-1	m,p-Xylenes	5.5	16	5.5	2.3	**U**
75-25-2	Bromoform	2.2	3.6	2.2	0.75	**U**
100-42-5	Styrene	5.3	8.6	5.3	1.4	**U**
95-47-6	o-Xylene	**4.1**	8.6	2.8	1.2	**J**
108-67-8	1,3,5-Trimethylbenzene	**7.0**	7.6	2.4	1.1	**J**
95-63-6	1,2,4-Trimethylbenzene	2.4	7.4	2.4	1.1	**U**
120-82-1	1,2,4-Trichlorobenzene	3.0	9.5	3.0	1.2	**U**
91-20-3	Naphthalene	4.2	7.0	4.2	1.7	**U**
1330-20-7	Xylenes, Total	**4.1**	16	5.5	2.3	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	**0.23**	2.8	0.44	0.20	**J**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102034

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/12 - 4/13/21
Analyst: Lusine Hakobyan Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/6 - 5/20/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210506-MB	**97**	**99**	**103**	70-130	
Method Blank	P210507-MB	**96**	**98**	**103**	70-130	
Method Blank	P210520-MB	**97**	**106**	**103**	70-130	
Lab Control Sample	P210506-LCS	**97**	**99**	**105**	70-130	
Lab Control Sample	P210507-LCS	**97**	**98**	**105**	70-130	
Lab Control Sample	P210520-LCS	**94**	**104**	**106**	70-130	
Duplicate Lab Control Sample	P210506-DLCS	**95**	**98**	**106**	70-130	
Duplicate Lab Control Sample	P210507-DLCS	**95**	**98**	**105**	70-130	
Duplicate Lab Control Sample	P210520-DLCS	**93**	**107**	**106**	70-130	
SV123-050-212	P2102034-001	**97**	**98**	**103**	70-130	
SV123-150-212	P2102034-002	**97**	**97**	**103**	70-130	
SV123-250-212	P2102034-003	**97**	**98**	**103**	70-130	
SV123-350-212	P2102034-004	**96**	**98**	**104**	70-130	
SV123-450-212	P2102034-005	**97**	**95**	**103**	70-130	
SV131-025-212	P2102034-006	**97**	**98**	**103**	70-130	
SV131-055-212	P2102034-007	**97**	**98**	**104**	70-130	
SV131-150-212	P2102034-008	**96**	**98**	**105**	70-130	
SV131-245-212	P2102034-009	**97**	**98**	**103**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102034

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/12 - 4/13/21
Analyst: Lusine Hakobyan Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/6 - 5/20/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV131-350-212	P2102034-010	**96**	**93**	**99**	70-130	
SV131-450-212	P2102034-011	**97**	**91**	**104**	70-130	
SV132-025-212	P2102034-012	**97**	**98**	**103**	70-130	
SV132-025-212	P2102034-012DUP	**97**	**98**	**102**	70-130	
SV132-050-212	P2102034-013	**98**	**98**	**103**	70-130	
SV132-175-212	P2102034-014	**98**	**97**	**101**	70-130	
SV132-250-212	P2102034-015	**99**	**96**	**100**	70-130	
SV132-250-212	P2102034-015DUP	**100**	**95**	**99**	70-130	
SV132-350-212	P2102034-016	**97**	**98**	**102**	70-130	
SV132-450-212	P2102034-017	**97**	**98**	**102**	70-130	
SV134-025-212	P2102034-018	**97**	**98**	**102**	70-130	
SV134-050-212	P2102034-019	**98**	**97**	**102**	70-130	
SV134-170-212	P2102034-020	**99**	**94**	**98**	70-130	
SV134-250-212	P2102034-021	**100**	**94**	**98**	70-130	
SV134-350-612	P2102034-022	**101**	**93**	**98**	70-130	
SV134-350-212	P2102034-023	**101**	**95**	**98**	70-130	
SV134-450-212	P2102034-024	**100**	**89**	**95**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	116	116	**95**	**95**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.1	37.0	**87**	**87**	59-128	0	25	
74-87-3	Chloromethane	99.8	84.3	81.3	**84**	**81**	59-132	4	25	
75-01-4	Vinyl Chloride	81.4	71.7	71.7	**88**	**88**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	92.5	92.1	**97**	**97**	66-134	0	25	
75-00-3	Chloroethane	77.3	69.7	70.5	**90**	**91**	63-127	1	25	
64-17-5	Ethanol	530	429	433	**81**	**82**	59-125	1	25	
67-64-1	Acetone	435	372	374	**86**	**86**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	32.0	32.3	**88**	**89**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	145	145	**87**	**87**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	54.0	54.5	**90**	**91**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.9	25.4	**89**	**91**	66-126	2	25	
75-15-0	Carbon Disulfide	137	126	128	**92**	**93**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	46.0	46.5	**88**	**89**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	138	139	**99**	**99**	67-130	0	25	
141-78-6	Ethyl Acetate	117	145	146	**124**	**125**	65-128	0.8	25	
110-54-3	n-Hexane	60.2	48.4	48.7	**80**	**81**	63-120	1	25	
67-66-3	Chloroform	43.8	38.2	38.7	**87**	**88**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	120	122	**88**	**90**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	45.8	46.4	**89**	**90**	65-128	1	25	
71-43-2	Benzene	63.9	56.7	57.9	**89**	**91**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	30.4	31.2	**91**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	109	111	**90**	**92**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	29.5	30.1	**94**	**96**	72-128	2	25	
79-01-6	Trichloroethene	38.3	35.0	35.9	**91**	**94**	71-123	3	25	
123-91-1	1,4-Dioxane	57.7	56.2	57.5	**97**	**100**	71-122	3	25	
142-82-5	n-Heptane	51.3	46.2	47.2	**90**	**92**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	99.3	101	**97**	**99**	67-130	2	25	
108-88-3	Toluene	54.7	49.8	50.1	**91**	**92**	66-119	1	25	
591-78-6	2-Hexanone	98.7	96.8	97.8	**98**	**99**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.9	25.3	**101**	**102**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	26.3	26.7	**97**	**99**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	28.9	29.2	**95**	**96**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	43.8	44.4	**92**	**94**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	85.3	88.1	**90**	**93**	61-134	3	25	
75-25-2	Bromoform	20.1	21.4	21.9	**106**	**109**	66-139	3	25	
100-42-5	Styrene	48.4	48.0	48.5	**99**	**100**	73-127	1	25	
95-47-6	o-Xylene	47.4	43.5	43.9	**92**	**93**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.7	40.1	**95**	**96**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.5	40.0	**95**	**96**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	57.3	58.6	**110**	**112**	55-142	2	25	
91-20-3	Naphthalene	37.8	44.6	45.8	**118**	**121**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	121	115	**99**	**94**	57-136	5	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.9	36.6	**89**	**86**	59-128	3	25	
74-87-3	Chloromethane	99.8	80.1	79.5	**80**	**80**	59-132	0	25	
75-01-4	Vinyl Chloride	81.4	71.2	67.8	**87**	**83**	64-127	5	25	
106-99-0	1,3-Butadiene	95.0	91.7	87.7	**97**	**92**	66-134	5	25	
75-00-3	Chloroethane	77.3	70.1	68.9	**91**	**89**	63-127	2	25	
64-17-5	Ethanol	530	430	424	**81**	**80**	59-125	1	25	
67-64-1	Acetone	435	377	367	**87**	**84**	58-128	4	25	
75-69-4	Trichlorofluoromethane	36.3	32.7	31.9	**90**	**88**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	143	140	**86**	**84**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	54.9	53.8	**92**	**90**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.2	25.0	**90**	**90**	66-126	0	25	
75-15-0	Carbon Disulfide	137	128	126	**93**	**92**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	46.8	45.9	**89**	**88**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	139	137	**99**	**98**	67-130	1	25	
141-78-6	Ethyl Acetate	117	146	144	**125**	**123**	65-128	2	25	
110-54-3	n-Hexane	60.2	48.8	48.1	**81**	**80**	63-120	1	25	
67-66-3	Chloroform	43.8	38.7	38.4	**88**	**88**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	121	120	**89**	**88**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	46.6	45.9	**91**	**89**	65-128	2	25	
71-43-2	Benzene	63.9	57.6	57.3	**90**	**90**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	31.0	31.1	**93**	**93**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	110	110	**91**	**91**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	30.1	29.9	**96**	**95**	72-128	1	25	
79-01-6	Trichloroethene	38.3	35.6	35.5	**93**	**93**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	57.2	56.8	**99**	**98**	71-122	1	25	
142-82-5	n-Heptane	51.3	46.6	46.5	**91**	**91**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	101	99.4	**99**	**97**	67-130	2	25	
108-88-3	Toluene	54.7	49.9	49.6	**91**	**91**	66-119	0	25	
591-78-6	2-Hexanone	98.7	96.9	96.0	**98**	**97**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	25.1	25.1	**102**	**102**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	26.5	26.3	**98**	**97**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	29.0	28.9	**95**	**95**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	44.1	43.8	**93**	**92**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	87.3	86.9	**92**	**92**	61-134	0	25	
75-25-2	Bromoform	20.1	21.6	21.7	**107**	**108**	66-139	0.9	25	
100-42-5	Styrene	48.4	47.9	47.7	**99**	**99**	73-127	0	25	
95-47-6	o-Xylene	47.4	43.6	43.3	**92**	**91**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.8	39.5	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.7	39.5	**96**	**95**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	57.7	57.8	**110**	**111**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	44.8	44.9	**119**	**119**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	118	116	**97**	**95**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.6	38.2	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	99.8	90.1	83.3	**90**	**83**	59-132	8	25	
75-01-4	Vinyl Chloride	81.4	86.8	90.1	**107**	**111**	64-127	4	25	
106-99-0	1,3-Butadiene	95.0	99.0	98.9	**104**	**104**	66-134	0	25	
75-00-3	Chloroethane	77.3	75.4	74.4	**98**	**96**	63-127	2	25	
64-17-5	Ethanol	530	474	465	**89**	**88**	59-125	1	25	
67-64-1	Acetone	435	388	384	**89**	**88**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	33.0	32.8	**91**	**90**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	144	142	**87**	**86**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	58.3	58.0	**97**	**97**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.1	26.1	**94**	**94**	66-126	0	25	
75-15-0	Carbon Disulfide	137	136	136	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	49.3	49.0	**94**	**94**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	148	148	**106**	**106**	67-130	0	25	
141-78-6	Ethyl Acetate	117	153	152	**131**	**130**	65-128	0.8	25	**L**
110-54-3	n-Hexane	60.2	54.8	54.0	**91**	**90**	63-120	1	25	
67-66-3	Chloroform	43.8	40.5	40.6	**92**	**93**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	131	131	**96**	**96**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	47.0	46.7	**91**	**91**	65-128	0	25	
71-43-2	Benzene	63.9	60.3	59.8	**94**	**94**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	30.1	29.7	**90**	**89**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	116	115	**96**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.7	29.2	**95**	**93**	72-128	2	25	
79-01-6	Trichloroethene	38.3	36.5	36.2	**95**	**95**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	59.6	59.0	**103**	**102**	71-122	1	25	
142-82-5	n-Heptane	51.3	49.2	49.5	**96**	**96**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	102	101	**100**	**99**	67-130	1	25	
108-88-3	Toluene	54.7	53.2	55.0	**97**	**101**	66-119	4	25	
591-78-6	2-Hexanone	98.7	102	102	**103**	**103**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	25.4	25.4	**103**	**103**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	28.2	28.4	**104**	**105**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	28.2	28.4	**93**	**93**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	47.3	47.3	**100**	**100**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	93.2	92.5	**98**	**97**	61-134	1	25	
75-25-2	Bromoform	20.1	21.6	21.7	**107**	**108**	66-139	0.9	25	
100-42-5	Styrene	48.4	50.8	51.2	**105**	**106**	73-127	0.9	25	
95-47-6	o-Xylene	47.4	47.0	47.3	**99**	**100**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	40.8	41.8	**97**	**100**	67-130	3	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.9	40.6	**99**	**98**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	58.8	59.6	**112**	**114**	55-142	2	25	
91-20-3	Naphthalene	37.8	45.7	46.1	**121**	**122**	57-138	0.8	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	1.9	1.8	1.85	**5**	25	**J**
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	ND	ND	-	-	25	
Chloroform	2.4	2.4	2.4	**0**	25	**J**
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	ND	ND	-	-	25	
Carbon Tetrachloride	1.3	1.3	1.3	**0**	25	**J**

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	ND	ND	-	-	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	1,400	1,400	1400	**0**	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	ND	ND	-	-	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	3.5	3.4	3.45	**3**	25	**J**
Ethylbenzene	ND	ND	-	-	25	
m,p-Xylenes	ND	ND	-	-	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	ND	ND	-	-	25	
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	62	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	ND	ND	-	-	25	
Chloroform	7.0	6.5	6.75	**7**	25	**J**
Tetrahydrofuran (THF)	52	51	51.5	**2**	25	**J**
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	ND	ND	-	-	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	ND	ND	-	-	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	3,500	3,600	3550	**3**	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	ND	ND	-	-	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	7.7	7.3	7.5	**5**	25	**J**
Ethylbenzene	ND	ND	-	-	25	
m,p-Xylenes	ND	ND	-	-	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	ND	ND	-	-	25	
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21 & 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00825

Initial Pressure (psig): -3.24 Final Pressure (psig): 9.65

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.7	2.8	1.7	0.69	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**52**	2.8	1.7	0.46	
74-87-3	Chloromethane	1.7	2.8	1.7	0.46	**U**
75-01-4	Vinyl Chloride	0.90	2.8	0.90	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.47	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.35	**U**
64-17-5	Ethanol	**6.0**	28	4.4	2.0	**J**
67-64-1	Acetone	14	28	14	6.4	**U**
75-69-4	Trichlorofluoromethane	**6.8**	2.7	1.7	0.43	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.3	5.3	3.3	1.2	**U**
75-09-2	Methylene Chloride	**16**	2.8	1.7	0.80	
76-13-1	Trichlorotrifluoroethane	**2.7**	2.8	0.90	0.40	**J**
75-15-0	Carbon Disulfide	**1.2**	5.3	2.9	0.85	**J**
75-34-3	1,1-Dichloroethane	1.7	2.9	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**1.6**	5.3	1.7	0.58	**J**
141-78-6	Ethyl Acetate	3.4	5.3	3.4	1.5	**U**
110-54-3	n-Hexane	1.7	2.8	1.7	0.58	**U**
67-66-3	Chloroform	**760**	28	9.0	3.8	**D, H2**
109-99-9	Tetrahydrofuran (THF)	0.90	5.3	0.90	0.36	**U**
107-06-2	1,2-Dichloroethane	0.90	2.8	0.90	0.31	**U**
71-43-2	Benzene	**0.55**	2.8	0.90	0.41	**J**
56-23-5	Carbon Tetrachloride	**19**	2.7	0.90	0.39	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
H2 = Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21 & 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00825

Initial Pressure (psig): -3.24 Final Pressure (psig): 9.65

Container Dilution Factor: 2.12

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.3	1.8	0.80	**U**
75-27-4	Bromodichloromethane	**410**	2.8	0.90	0.41	
79-01-6	Trichloroethene	**3.5**	2.7	0.90	0.38	
123-91-1	1,4-Dioxane	0.90	2.8	0.90	0.33	**U**
142-82-5	n-Heptane	**0.98**	2.8	1.7	0.45	**J**
108-10-1	4-Methyl-2-pentanone	0.90	5.3	0.90	0.39	**U**
108-88-3	Toluene	**3.6**	2.8	0.90	0.34	
591-78-6	2-Hexanone	**0.96**	5.3	0.90	0.35	**J**
124-48-1	Dibromochloromethane	**48**	2.8	0.90	0.37	
106-93-4	1,2-Dibromoethane	0.90	2.8	0.90	0.33	**U**
127-18-4	Tetrachloroethene	**7.5**	2.8	0.90	0.37	
100-41-4	Ethylbenzene	**2.0**	2.8	0.90	0.40	**J**
179601-23-1	m,p-Xylenes	**12**	5.3	1.8	0.74	
75-25-2	Bromoform	**5.6**	2.8	1.7	0.58	
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	**4.0**	2.8	0.90	0.41	
108-67-8	1,3,5-Trimethylbenzene	**4.5**	2.8	0.90	0.41	
95-63-6	1,2,4-Trimethylbenzene	**19**	2.8	0.90	0.39	
120-82-1	1,2,4-Trichlorobenzene	1.7	5.3	1.7	0.69	**U**
91-20-3	Naphthalene	**4.7**	2.8	1.6	0.69	
1330-20-7	Xylenes, Total	**16**	5.3	1.8	0.74	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00771

Initial Pressure (psig): -3.21 Final Pressure (psig): 7.37

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.62	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**36**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	U
75-01-4	Vinyl Chloride	0.82	2.5	0.82	0.27	U
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	U
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	U
64-17-5	Ethanol	**3.4**	25	4.0	1.8	J
67-64-1	Acetone	**9.3**	25	13	5.8	J
75-69-4	Trichlorofluoromethane	**2.9**	2.4	1.5	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	4.8	3.0	1.1	U
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	U
76-13-1	Trichlorotrifluoroethane	**1.6**	2.5	0.82	0.36	J
75-15-0	Carbon Disulfide	**1.7**	4.8	2.6	0.77	J
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	U
78-93-3	2-Butanone (MEK)	**1.6**	4.8	1.5	0.53	J
141-78-6	Ethyl Acetate	**2.8**	4.8	3.1	1.3	J
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	U
67-66-3	Chloroform	**23**	2.5	0.82	0.34	
109-99-9	Tetrahydrofuran (THF)	0.82	4.8	0.82	0.32	U
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	U
71-43-2	Benzene	**0.49**	2.5	0.82	0.37	J
56-23-5	Carbon Tetrachloride	**11**	2.4	0.82	0.36	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00771

Initial Pressure (psig): -3.21 Final Pressure (psig): 7.37

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	**4.0**	2.5	0.82	0.37	
79-01-6	Trichloroethene	0.82	2.4	0.82	0.35	**U**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	**0.95**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**3.1**	2.5	0.82	0.31	
591-78-6	2-Hexanone	**0.55**	4.8	0.82	0.32	**J**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**1.7**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	**1.6**	2.5	0.82	0.36	**J**
179601-23-1	m,p-Xylenes	**8.5**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**2.8**	2.5	0.82	0.37	
108-67-8	1,3,5-Trimethylbenzene	**3.0**	2.5	0.82	0.37	
95-63-6	1,2,4-Trimethylbenzene	**14**	2.5	0.82	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**5.2**	2.5	1.5	0.62	
1330-20-7	Xylenes, Total	**11**	4.8	1.6	0.67	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00940

Initial Pressure (psig): -2.52 Final Pressure (psig): 7.04

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.4	2.3	1.4	0.58	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**130**	2.3	1.4	0.39	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.76	2.4	0.76	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	3.7	24	3.7	1.6	**U**
67-64-1	Acetone	**5.9**	23	12	5.3	**J**
75-69-4	Trichlorofluoromethane	**12**	2.3	1.4	0.36	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.8	4.5	2.8	0.98	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.67	**U**
76-13-1	Trichlorotrifluoroethane	**6.0**	2.4	0.76	0.34	
75-15-0	Carbon Disulfide	2.4	4.5	2.4	0.71	**U**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	1.4	4.5	1.4	0.49	**U**
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.2	**U**
110-54-3	n-Hexane	1.4	2.3	1.4	0.49	**U**
67-66-3	Chloroform	**6.7**	2.4	0.76	0.32	
109-99-9	Tetrahydrofuran (THF)	0.76	4.5	0.76	0.30	**U**
107-06-2	1,2-Dichloroethane	0.76	2.3	0.76	0.26	**U**
71-43-2	Benzene	0.76	2.3	0.76	0.34	**U**
56-23-5	Carbon Tetrachloride	**9.4**	2.3	0.76	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00940

Initial Pressure (psig): -2.52 Final Pressure (psig): 7.04

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.67	**U**
75-27-4	Bromodichloromethane	**2.2**	2.3	0.76	0.34	**J**
79-01-6	Trichloroethene	0.76	2.3	0.76	0.32	**U**
123-91-1	1,4-Dioxane	0.76	2.3	0.76	0.28	**U**
142-82-5	n-Heptane	**0.51**	2.3	1.4	0.38	**J**
108-10-1	4-Methyl-2-pentanone	0.76	4.5	0.76	0.32	**U**
108-88-3	Toluene	**2.4**	2.3	0.76	0.29	
591-78-6	2-Hexanone	0.76	4.5	0.76	0.29	**U**
124-48-1	Dibromochloromethane	0.76	2.3	0.76	0.31	**U**
106-93-4	1,2-Dibromoethane	0.76	2.3	0.76	0.28	**U**
127-18-4	Tetrachloroethene	**0.39**	2.3	0.76	0.31	**J**
100-41-4	Ethylbenzene	**1.1**	2.3	0.76	0.33	**J**
179601-23-1	m,p-Xylenes	**6.4**	4.5	1.5	0.62	
75-25-2	Bromoform	1.4	2.4	1.4	0.49	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**1.9**	2.4	0.76	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.1**	2.4	0.76	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**9.1**	2.3	0.76	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.58	**U**
91-20-3	Naphthalene	**3.8**	2.3	1.4	0.58	
1330-20-7	Xylenes, Total	**8.3**	4.5	1.5	0.62	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00723

Initial Pressure (psig): -1.15 Final Pressure (psig): 6.42

Container Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.92**	2.0	1.2	0.51	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**300**	2.0	1.2	0.34	
74-87-3	Chloromethane	1.2	2.0	1.2	0.34	**U**
75-01-4	Vinyl Chloride	0.66	2.1	0.66	0.22	**U**
106-99-0	1,3-Butadiene	1.2	2.0	1.2	0.34	**U**
75-00-3	Chloroethane	1.2	2.0	1.2	0.26	**U**
64-17-5	Ethanol	**13**	21	3.2	1.4	**J**
67-64-1	Acetone	**9.8**	20	11	4.7	**J**
75-69-4	Trichlorofluoromethane	**39**	2.0	1.2	0.32	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.0**	3.9	2.5	0.86	**J**
75-09-2	Methylene Chloride	**6.2**	2.0	1.2	0.59	
76-13-1	Trichlorotrifluoroethane	**11**	2.1	0.66	0.30	
75-15-0	Carbon Disulfide	**4.7**	3.9	2.1	0.62	
75-34-3	1,1-Dichloroethane	1.3	2.1	1.3	0.30	**U**
78-93-3	2-Butanone (MEK)	**3.4**	3.9	1.2	0.43	**J**
141-78-6	Ethyl Acetate	**7.9**	3.9	2.5	1.1	
110-54-3	n-Hexane	**1.2**	2.0	1.2	0.43	**J**
67-66-3	Chloroform	**10**	2.1	0.66	0.28	
109-99-9	Tetrahydrofuran (THF)	**0.56**	3.9	0.66	0.26	**J**
107-06-2	1,2-Dichloroethane	0.66	2.0	0.66	0.23	**U**
71-43-2	Benzene	**0.62**	2.0	0.66	0.30	**J**
56-23-5	Carbon Tetrachloride	**1.2**	2.0	0.66	0.29	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00723

Initial Pressure (psig): -1.15 Final Pressure (psig): 6.42

Container Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.3	3.9	1.3	0.59	**U**
75-27-4	Bromodichloromethane	**0.50**	2.0	0.66	0.30	**J**
79-01-6	Trichloroethene	**0.44**	2.0	0.66	0.28	**J**
123-91-1	1,4-Dioxane	0.66	2.0	0.66	0.25	**U**
142-82-5	n-Heptane	**1.0**	2.0	1.2	0.33	**J**
108-10-1	4-Methyl-2-pentanone	0.66	3.9	0.66	0.28	**U**
108-88-3	Toluene	**5.3**	2.0	0.66	0.25	
591-78-6	2-Hexanone	0.66	3.9	0.66	0.26	**U**
124-48-1	Dibromochloromethane	0.66	2.0	0.66	0.27	**U**
106-93-4	1,2-Dibromoethane	**0.79**	2.0	0.66	0.24	**J**
127-18-4	Tetrachloroethene	**0.76**	2.0	0.66	0.27	**J**
100-41-4	Ethylbenzene	**3.3**	2.0	0.66	0.29	
179601-23-1	m,p-Xylenes	**19**	3.9	1.3	0.55	
75-25-2	Bromoform	1.2	2.1	1.2	0.43	**U**
100-42-5	Styrene	1.2	2.0	1.2	0.34	**U**
95-47-6	o-Xylene	**8.0**	2.1	0.66	0.30	
108-67-8	1,3,5-Trimethylbenzene	**11**	2.1	0.66	0.30	
95-63-6	1,2,4-Trimethylbenzene	**39**	2.0	0.66	0.29	
120-82-1	1,2,4-Trichlorobenzene	1.2	3.9	1.2	0.51	**U**
91-20-3	Naphthalene	**4.9**	2.0	1.2	0.51	
1330-20-7	Xylenes, Total	**27**	3.9	1.3	0.55	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01260

Initial Pressure (psig): -2.21 Final Pressure (psig): 9.60

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.2**	2.5	1.6	0.63	
75-71-8	Dichlorodifluoromethane (CFC 12)	**370**	2.5	1.6	0.42	
74-87-3	Chloromethane	1.6	2.5	1.6	0.42	**U**
75-01-4	Vinyl Chloride	0.83	2.6	0.83	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	1.6	2.5	1.6	0.32	**U**
64-17-5	Ethanol	**3.7**	26	4.0	1.8	**J**
67-64-1	Acetone	13	25	13	5.9	**U**
75-69-4	Trichlorofluoromethane	**48**	2.5	1.6	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	4.9	3.1	1.1	**U**
75-09-2	Methylene Chloride	**2.8**	2.5	1.6	0.73	
76-13-1	Trichlorotrifluoroethane	**13**	2.6	0.83	0.37	
75-15-0	Carbon Disulfide	**4.1**	4.9	2.6	0.78	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**8.2**	4.9	1.6	0.54	
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.5	1.6	0.54	**U**
67-66-3	Chloroform	**14**	2.6	0.83	0.35	
109-99-9	Tetrahydrofuran (THF)	**7.8**	4.9	0.83	0.33	
107-06-2	1,2-Dichloroethane	0.83	2.5	0.83	0.29	**U**
71-43-2	Benzene	**3.3**	2.5	0.83	0.38	
56-23-5	Carbon Tetrachloride	**0.48**	2.5	0.83	0.36	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV123-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01260

Initial Pressure (psig): -2.21 Final Pressure (psig): 9.60

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**9.5**	4.9	1.7	0.73	
75-27-4	Bromodichloromethane	**13**	2.5	0.83	0.38	
79-01-6	Trichloroethene	**0.71**	2.5	0.83	0.35	**J**
123-91-1	1,4-Dioxane	0.83	2.5	0.83	0.31	**U**
142-82-5	n-Heptane	1.6	2.5	1.6	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.83	4.9	0.83	0.36	**U**
108-88-3	Toluene	**4.1**	2.5	0.83	0.32	
591-78-6	2-Hexanone	0.83	4.9	0.83	0.32	**U**
124-48-1	Dibromochloromethane	**4.1**	2.5	0.83	0.34	
106-93-4	1,2-Dibromoethane	0.83	2.5	0.83	0.30	**U**
127-18-4	Tetrachloroethene	**2.7**	2.5	0.83	0.34	
100-41-4	Ethylbenzene	**1.5**	2.5	0.83	0.37	**J**
179601-23-1	m,p-Xylenes	**7.7**	4.9	1.7	0.68	
75-25-2	Bromoform	**0.99**	2.6	1.6	0.54	**J**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	**2.9**	2.6	0.83	0.38	
108-67-8	1,3,5-Trimethylbenzene	**3.6**	2.6	0.83	0.38	
95-63-6	1,2,4-Trimethylbenzene	**10**	2.5	0.83	0.36	
120-82-1	1,2,4-Trichlorobenzene	**0.82**	4.9	1.6	0.63	**J**
91-20-3	Naphthalene	**0.90**	2.5	1.5	0.63	**J**
1330-20-7	Xylenes, Total	**11**	4.9	1.7	0.68	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01211

Initial Pressure (psig): -3.09 Final Pressure (psig): 9.51

Container Dilution Factor: 2.09

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.6**	2.7	1.7	0.68	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**140**	2.7	1.7	0.45	
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.89	2.8	0.89	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.34	**U**
64-17-5	Ethanol	**2.3**	28	4.3	1.9	**J**
67-64-1	Acetone	**15**	27	14	6.3	**J**
75-69-4	Trichlorofluoromethane	**17**	2.7	1.7	0.42	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.3	5.2	3.3	1.1	**U**
75-09-2	Methylene Chloride	**0.93**	2.7	1.7	0.78	**J**
76-13-1	Trichlorotrifluoroethane	**32**	2.8	0.89	0.40	
75-15-0	Carbon Disulfide	**2.7**	5.2	2.8	0.84	**J**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**2.7**	5.2	1.7	0.57	**J**
141-78-6	Ethyl Acetate	3.4	5.2	3.4	1.5	**U**
110-54-3	n-Hexane	**1.0**	2.7	1.7	0.57	**J**
67-66-3	Chloroform	**2.3**	2.8	0.89	0.37	**J**
109-99-9	Tetrahydrofuran (THF)	**0.63**	5.2	0.89	0.35	**J**
107-06-2	1,2-Dichloroethane	0.89	2.7	0.89	0.31	**U**
71-43-2	Benzene	**1.5**	2.7	0.89	0.40	**J**
56-23-5	Carbon Tetrachloride	**12**	2.7	0.89	0.39	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-006

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01211

Initial Pressure (psig): -3.09 Final Pressure (psig): 9.51

Container Dilution Factor: 2.09

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.1**	5.2	1.8	0.78	**J**
75-27-4	Bromodichloromethane	0.89	2.7	0.89	0.40	**U**
79-01-6	Trichloroethene	0.89	2.7	0.89	0.38	**U**
123-91-1	1,4-Dioxane	0.89	2.7	0.89	0.33	**U**
142-82-5	n-Heptane	**3.2**	2.7	1.7	0.44	
108-10-1	4-Methyl-2-pentanone	0.89	5.2	0.89	0.38	**U**
108-88-3	Toluene	**10**	2.7	0.89	0.34	
591-78-6	2-Hexanone	0.89	5.2	0.89	0.34	**U**
124-48-1	Dibromochloromethane	0.89	2.7	0.89	0.37	**U**
106-93-4	1,2-Dibromoethane	0.89	2.7	0.89	0.32	**U**
127-18-4	Tetrachloroethene	**0.85**	2.7	0.89	0.36	**J**
100-41-4	Ethylbenzene	**3.6**	2.7	0.89	0.39	
179601-23-1	m,p-Xylenes	**20**	5.2	1.8	0.73	
75-25-2	Bromoform	1.7	2.8	1.7	0.57	**U**
100-42-5	Styrene	1.7	2.7	1.7	0.45	**U**
95-47-6	o-Xylene	**6.7**	2.8	0.89	0.40	
108-67-8	1,3,5-Trimethylbenzene	**8.1**	2.8	0.89	0.40	
95-63-6	1,2,4-Trimethylbenzene	**26**	2.7	0.89	0.39	
120-82-1	1,2,4-Trichlorobenzene	1.7	5.2	1.7	0.68	**U**
91-20-3	Naphthalene	**6.8**	2.7	1.6	0.68	
1330-20-7	Xylenes, Total	**27**	5.2	1.8	0.73	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-055-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00693

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.72

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.4**	2.5	1.5	0.62	
75-71-8	Dichlorodifluoromethane (CFC 12)	**150**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**27**	25	4.0	1.8	
67-64-1	Acetone	**59**	25	13	5.7	
75-69-4	Trichlorofluoromethane	**19**	2.4	1.5	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	**11**	4.8	3.0	1.1	
75-09-2	Methylene Chloride	**2.8**	2.5	1.5	0.72	
76-13-1	Trichlorotrifluoroethane	**35**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	**25**	4.8	2.6	0.76	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**8.8**	4.8	1.5	0.53	
141-78-6	Ethyl Acetate	**53**	4.8	3.1	1.3	
110-54-3	n-Hexane	**6.6**	2.5	1.5	0.53	
67-66-3	Chloroform	**1.3**	2.5	0.81	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**1.7**	4.8	0.81	0.32	**J**
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**1.7**	2.5	0.81	0.37	**J**
56-23-5	Carbon Tetrachloride	**14**	2.4	0.81	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-055-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-007

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00693

Initial Pressure (psig): -3.48 Final Pressure (psig): 6.72

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**7.4**	4.8	1.6	0.72	
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**7.2**	2.5	1.5	0.41	
108-10-1	4-Methyl-2-pentanone	**0.77**	4.8	0.81	0.35	**J**
108-88-3	Toluene	**13**	2.5	0.81	0.31	
591-78-6	2-Hexanone	0.81	4.8	0.81	0.32	**U**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.30	**U**
127-18-4	Tetrachloroethene	**0.50**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**1.2**	2.5	0.81	0.36	**J**
179601-23-1	m,p-Xylenes	**5.2**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**1.9**	2.5	0.81	0.37	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.4**	2.5	0.81	0.37	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.5**	2.5	0.81	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**0.74**	2.5	1.5	0.62	**J**
1330-20-7	Xylenes, Total	**7.1**	4.8	1.6	0.67	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01272

Initial Pressure (psig): -2.83 Final Pressure (psig): 7.10

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.65**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**470**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**2.5**	24	3.8	1.7	**J**
67-64-1	Acetone	**14**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**53**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.6	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**45**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**9.5**	4.6	2.5	0.74	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**2.0**	4.6	1.5	0.51	**J**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	**1.9**	2.4	0.78	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	**8.3**	4.6	0.78	0.31	
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**1.8**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**31**	2.3	0.78	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-150-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-008

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01272

Initial Pressure (psig): -2.83 Final Pressure (psig): 7.10

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**0.63**	2.3	0.78	0.33	**J**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**1.1**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.34	**U**
108-88-3	Toluene	**3.4**	2.4	0.78	0.30	
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.29	**U**
127-18-4	Tetrachloroethene	**0.46**	2.4	0.78	0.32	**J**
100-41-4	Ethylbenzene	**1.2**	2.4	0.78	0.35	**J**
179601-23-1	m,p-Xylenes	**6.7**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**2.0**	2.4	0.78	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.3**	2.4	0.78	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.9**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**1.5**	2.4	1.4	0.60	**J**
1330-20-7	Xylenes, Total	**8.7**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-245-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21 & 5/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01270

Initial Pressure (psig): -2.99 Final Pressure (psig): 6.97

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.68**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**450**	24	15	4.0	**D, H2**
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**9.3**	25	3.8	1.7	**J**
67-64-1	Acetone	**15**	24	12	5.6	**J**
75-69-4	Trichlorofluoromethane	**54**	2.4	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.6	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**29**	2.5	0.79	0.35	
75-15-0	Carbon Disulfide	**9.7**	4.6	2.5	0.74	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**2.5**	4.6	1.5	0.51	**J**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	**4.2**	2.5	0.79	0.33	
109-99-9	Tetrahydrofuran (THF)	**15**	4.6	0.79	0.31	
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	**U**
71-43-2	Benzene	**5.4**	2.4	0.79	0.36	
56-23-5	Carbon Tetrachloride	**38**	2.4	0.79	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
H2 = Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-245-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-009

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21 & 5/20/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01270

Initial Pressure (psig): -2.99 Final Pressure (psig): 6.97

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	**0.44**	2.4	0.79	0.33	**J**
123-91-1	1,4-Dioxane	**0.49**	2.4	0.79	0.29	**J**
142-82-5	n-Heptane	**1.1**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	0.79	4.6	0.79	0.34	**U**
108-88-3	Toluene	**3.1**	2.4	0.79	0.30	
591-78-6	2-Hexanone	**0.66**	4.6	0.79	0.31	**J**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.32	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	0.79	2.4	0.79	0.32	**U**
100-41-4	Ethylbenzene	**1.2**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**6.7**	4.6	1.6	0.65	
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**1.9**	2.5	0.79	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.2**	2.5	0.79	0.36	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.9**	2.4	0.79	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**2.5**	2.4	1.4	0.60	
1330-20-7	Xylenes, Total	**8.5**	4.6	1.6	0.65	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS00050

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.59

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**180**	34	21	8.5	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5,600**	34	21	5.7	
74-87-3	Chloromethane	21	34	21	5.6	**U**
75-01-4	Vinyl Chloride	11	34	11	3.7	**U**
106-99-0	1,3-Butadiene	21	34	21	5.7	**U**
75-00-3	Chloroethane	21	34	21	4.3	**U**
64-17-5	Ethanol	54	340	54	24	**U**
67-64-1	Acetone	180	340	180	78	**U**
75-69-4	Trichlorofluoromethane	**980**	33	21	5.3	
67-63-0	2-Propanol (Isopropyl Alcohol)	41	65	41	14	**U**
75-09-2	Methylene Chloride	21	34	21	9.8	**U**
76-13-1	Trichlorotrifluoroethane	**350**	34	11	4.9	
75-15-0	Carbon Disulfide	**130**	65	35	10	
75-34-3	1,1-Dichloroethane	21	35	21	5.1	**U**
78-93-3	2-Butanone (MEK)	21	65	21	7.2	**U**
141-78-6	Ethyl Acetate	42	65	42	18	**U**
110-54-3	n-Hexane	**350**	34	21	7.2	
67-66-3	Chloroform	11	34	11	4.6	**U**
109-99-9	Tetrahydrofuran (THF)	11	65	11	4.4	**U**
107-06-2	1,2-Dichloroethane	11	34	11	3.8	**U**
71-43-2	Benzene	11	34	11	5.0	**U**
56-23-5	Carbon Tetrachloride	**12**	33	11	4.8	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-010

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS00050

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.59

Container Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3,300**	65	22	9.8	
75-27-4	Bromodichloromethane	11	34	11	5.0	**U**
79-01-6	Trichloroethene	11	33	11	4.7	**U**
123-91-1	1,4-Dioxane	11	34	11	4.1	**U**
142-82-5	n-Heptane	21	34	21	5.5	**U**
108-10-1	4-Methyl-2-pentanone	11	65	11	4.7	**U**
108-88-3	Toluene	**7.5**	34	11	4.2	**J**
591-78-6	2-Hexanone	11	65	11	4.3	**U**
124-48-1	Dibromochloromethane	11	34	11	4.6	**U**
106-93-4	1,2-Dibromoethane	11	34	11	4.0	**U**
127-18-4	Tetrachloroethene	**17**	34	11	4.5	**J**
100-41-4	Ethylbenzene	11	34	11	4.9	**U**
179601-23-1	m,p-Xylenes	**12**	65	22	9.1	**J**
75-25-2	Bromoform	21	34	21	7.2	**U**
100-42-5	Styrene	21	34	21	5.6	**U**
95-47-6	o-Xylene	**11**	34	11	5.0	**J**
108-67-8	1,3,5-Trimethylbenzene	**5.5**	34	11	5.0	**J**
95-63-6	1,2,4-Trimethylbenzene	**13**	34	11	4.8	**J**
120-82-1	1,2,4-Trichlorobenzene	21	65	21	8.5	**U**
91-20-3	Naphthalene	20	34	20	8.5	**U**
1330-20-7	Xylenes, Total	**23**	65	22	9.1	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SC01290

Initial Pressure (psig): -2.95 Final Pressure (psig): 6.71

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	290	470	290	120	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**6,600**	470	290	79	
74-87-3	Chloromethane	290	470	290	78	**U**
75-01-4	Vinyl Chloride	150	480	150	52	**U**
106-99-0	1,3-Butadiene	290	470	290	80	**U**
75-00-3	Chloroethane	290	470	290	60	**U**
64-17-5	Ethanol	760	4,800	760	340	**U**
67-64-1	Acetone	2,500	4,700	2,500	1,100	**U**
75-69-4	Trichlorofluoromethane	**1,100**	460	290	74	
67-63-0	2-Propanol (Isopropyl Alcohol)	570	910	570	200	**U**
75-09-2	Methylene Chloride	290	470	290	140	**U**
76-13-1	Trichlorotrifluoroethane	**390**	480	150	69	**J**
75-15-0	Carbon Disulfide	**340**	910	490	150	**J**
75-34-3	1,1-Dichloroethane	300	490	300	71	**U**
78-93-3	2-Butanone (MEK)	290	910	290	100	**U**
141-78-6	Ethyl Acetate	590	910	590	250	**U**
110-54-3	n-Hexane	**630**	470	290	100	
67-66-3	Chloroform	150	480	150	65	**U**
109-99-9	Tetrahydrofuran (THF)	150	910	150	61	**U**
107-06-2	1,2-Dichloroethane	150	470	150	54	**U**
71-43-2	Benzene	**4,500**	470	150	70	
56-23-5	Carbon Tetrachloride	150	460	150	67	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV131-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-011

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SC01290

Initial Pressure (psig): -2.95 Final Pressure (psig): 6.71

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,900**	910	310	140	
75-27-4	Bromodichloromethane	150	470	150	70	**U**
79-01-6	Trichloroethene	150	460	150	66	**U**
123-91-1	1,4-Dioxane	150	470	150	57	**U**
142-82-5	n-Heptane	**940**	470	290	77	
108-10-1	4-Methyl-2-pentanone	150	910	150	66	**U**
108-88-3	Toluene	**2,700**	470	150	59	
591-78-6	2-Hexanone	150	910	150	60	**U**
124-48-1	Dibromochloromethane	150	470	150	64	**U**
106-93-4	1,2-Dibromoethane	150	470	150	56	**U**
127-18-4	Tetrachloroethene	**240**	470	150	63	**J**
100-41-4	Ethylbenzene	**140**	470	150	68	**J**
179601-23-1	m,p-Xylenes	**320**	910	310	130	**J**
75-25-2	Bromoform	290	480	290	100	**U**
100-42-5	Styrene	290	470	290	78	**U**
95-47-6	o-Xylene	**150**	480	150	70	**J**
108-67-8	1,3,5-Trimethylbenzene	**130**	480	150	70	**J**
95-63-6	1,2,4-Trimethylbenzene	150	470	150	67	**U**
120-82-1	1,2,4-Trichlorobenzene	290	910	290	120	**U**
91-20-3	Naphthalene	280	470	280	120	**U**
1330-20-7	Xylenes, Total	**460**	910	310	130	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	34	55	34	14	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	34	55	34	9.3	**U**
74-87-3	Chloromethane	34	55	34	9.2	**U**
75-01-4	Vinyl Chloride	18	56	18	6.1	**U**
106-99-0	1,3-Butadiene	34	55	34	9.4	**U**
75-00-3	Chloroethane	34	55	34	7.0	**U**
64-17-5	Ethanol	88	560	88	39	**U**
67-64-1	Acetone	290	550	290	130	**U**
75-69-4	Trichlorofluoromethane	34	54	34	8.6	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	67	110	67	23	**U**
75-09-2	Methylene Chloride	34	55	34	16	**U**
76-13-1	Trichlorotrifluoroethane	**14**	56	18	8.1	**J**
75-15-0	Carbon Disulfide	58	110	58	17	**U**
75-34-3	1,1-Dichloroethane	35	58	35	8.3	**U**
78-93-3	2-Butanone (MEK)	34	110	34	12	**U**
141-78-6	Ethyl Acetate	69	110	69	30	**U**
110-54-3	n-Hexane	34	55	34	12	**U**
67-66-3	Chloroform	**12**	56	18	7.6	**J**
109-99-9	Tetrahydrofuran (THF)	18	110	18	7.1	**U**
107-06-2	1,2-Dichloroethane	18	55	18	6.3	**U**
71-43-2	Benzene	18	55	18	8.2	**U**
56-23-5	Carbon Tetrachloride	**8.3**	54	18	7.9	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	36	110	36	16	**U**
75-27-4	Bromodichloromethane	18	55	18	8.2	**U**
79-01-6	Trichloroethene	**7,600**	54	18	7.7	
123-91-1	1,4-Dioxane	18	55	18	6.7	**U**
142-82-5	n-Heptane	34	55	34	9.1	**U**
108-10-1	4-Methyl-2-pentanone	18	110	18	7.8	**U**
108-88-3	Toluene	18	55	18	6.9	**U**
591-78-6	2-Hexanone	18	110	18	7.0	**U**
124-48-1	Dibromochloromethane	18	55	18	7.5	**U**
106-93-4	1,2-Dibromoethane	18	55	18	6.6	**U**
127-18-4	Tetrachloroethene	**23**	55	18	7.3	**J**
100-41-4	Ethylbenzene	18	55	18	8.0	**U**
179601-23-1	m,p-Xylenes	36	110	36	15	**U**
75-25-2	Bromoform	34	56	34	12	**U**
100-42-5	Styrene	34	55	34	9.2	**U**
95-47-6	o-Xylene	18	56	18	8.2	**U**
108-67-8	1,3,5-Trimethylbenzene	18	56	18	8.2	**U**
95-63-6	1,2,4-Trimethylbenzene	18	55	18	7.9	**U**
120-82-1	1,2,4-Trichlorobenzene	34	110	34	14	**U**
91-20-3	Naphthalene	33	55	33	14	**U**
1330-20-7	Xylenes, Total	36	110	36	15	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.014 Liter(s)
Test Notes:
Container ID: 1SS01157

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.36

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	43	69	43	17	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	43	69	43	12	**U**
74-87-3	Chloromethane	43	69	43	11	**U**
75-01-4	Vinyl Chloride	23	70	23	7.6	**U**
106-99-0	1,3-Butadiene	43	69	43	12	**U**
75-00-3	Chloroethane	43	69	43	8.8	**U**
64-17-5	Ethanol	110	700	110	49	**U**
67-64-1	Acetone	360	690	360	160	**U**
75-69-4	Trichlorofluoromethane	43	68	43	11	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	84	130	84	29	**U**
75-09-2	Methylene Chloride	43	69	43	20	**U**
76-13-1	Trichlorotrifluoroethane	**18**	70	23	10	**J**
75-15-0	Carbon Disulfide	72	130	72	21	**U**
75-34-3	1,1-Dichloroethane	44	72	44	10	**U**
78-93-3	2-Butanone (MEK)	43	130	43	15	**U**
141-78-6	Ethyl Acetate	86	130	86	37	**U**
110-54-3	n-Hexane	43	69	43	15	**U**
67-66-3	Chloroform	**19**	70	23	9.4	**J**
109-99-9	Tetrahydrofuran (THF)	23	130	23	8.9	**U**
107-06-2	1,2-Dichloroethane	23	69	23	7.8	**U**
71-43-2	Benzene	23	69	23	10	**U**
56-23-5	Carbon Tetrachloride	**12**	68	23	9.8	**J**

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ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.014 Liter(s)
Test Notes:
Container ID: 1SS01157

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.36

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	45	130	45	20	**U**
75-27-4	Bromodichloromethane	23	69	23	10	**U**
79-01-6	Trichloroethene	**12,000**	68	23	9.6	
123-91-1	1,4-Dioxane	23	69	23	8.4	**U**
142-82-5	n-Heptane	43	69	43	11	**U**
108-10-1	4-Methyl-2-pentanone	23	130	23	9.7	**U**
108-88-3	Toluene	23	69	23	8.6	**U**
591-78-6	2-Hexanone	23	130	23	8.8	**U**
124-48-1	Dibromochloromethane	23	69	23	9.3	**U**
106-93-4	1,2-Dibromoethane	23	69	23	8.2	**U**
127-18-4	Tetrachloroethene	**50**	69	23	9.2	**J**
100-41-4	Ethylbenzene	23	69	23	10	**U**
179601-23-1	m,p-Xylenes	45	130	45	19	**U**
75-25-2	Bromoform	43	70	43	15	**U**
100-42-5	Styrene	43	69	43	11	**U**
95-47-6	o-Xylene	23	70	23	10	**U**
108-67-8	1,3,5-Trimethylbenzene	23	70	23	10	**U**
95-63-6	1,2,4-Trimethylbenzene	23	69	23	9.8	**U**
120-82-1	1,2,4-Trichlorobenzene	43	130	43	17	**U**
91-20-3	Naphthalene	41	69	41	17	**U**
1330-20-7	Xylenes, Total	45	130	45	19	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-175-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SS01153

Initial Pressure (psig): -3.29 Final Pressure (psig): 6.71

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	100	160	100	41	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	100	160	100	27	**U**
74-87-3	Chloromethane	100	160	100	27	**U**
75-01-4	Vinyl Chloride	53	170	53	18	**U**
106-99-0	1,3-Butadiene	100	160	100	28	**U**
75-00-3	Chloroethane	100	160	100	21	**U**
64-17-5	Ethanol	**290**	1,700	260	120	**J**
67-64-1	Acetone	850	1,600	850	380	**U**
75-69-4	Trichlorofluoromethane	100	160	100	25	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	200	310	200	69	**U**
75-09-2	Methylene Chloride	100	160	100	47	**U**
76-13-1	Trichlorotrifluoroethane	**28**	170	53	24	**J**
75-15-0	Carbon Disulfide	170	310	170	50	**U**
75-34-3	1,1-Dichloroethane	100	170	100	24	**U**
78-93-3	2-Butanone (MEK)	100	310	100	34	**U**
141-78-6	Ethyl Acetate	200	310	200	88	**U**
110-54-3	n-Hexane	100	160	100	34	**U**
67-66-3	Chloroform	53	170	53	22	**U**
109-99-9	Tetrahydrofuran (THF)	53	310	53	21	**U**
107-06-2	1,2-Dichloroethane	53	160	53	18	**U**
71-43-2	Benzene	53	160	53	24	**U**
56-23-5	Carbon Tetrachloride	**27**	160	53	23	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-175-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SS01153

Initial Pressure (psig): -3.29 Final Pressure (psig): 6.71

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	110	310	110	47	**U**
75-27-4	Bromodichloromethane	53	160	53	24	**U**
79-01-6	Trichloroethene	**30,000**	160	53	23	
123-91-1	1,4-Dioxane	53	160	53	20	**U**
142-82-5	n-Heptane	100	160	100	27	**U**
108-10-1	4-Methyl-2-pentanone	53	310	53	23	**U**
108-88-3	Toluene	53	160	53	20	**U**
591-78-6	2-Hexanone	53	310	53	21	**U**
124-48-1	Dibromochloromethane	53	160	53	22	**U**
106-93-4	1,2-Dibromoethane	53	160	53	19	**U**
127-18-4	Tetrachloroethene	**100**	160	53	22	**J**
100-41-4	Ethylbenzene	53	160	53	24	**U**
179601-23-1	m,p-Xylenes	110	310	110	44	**U**
75-25-2	Bromoform	100	170	100	34	**U**
100-42-5	Styrene	100	160	100	27	**U**
95-47-6	o-Xylene	53	170	53	24	**U**
108-67-8	1,3,5-Trimethylbenzene	53	170	53	24	**U**
95-63-6	1,2,4-Trimethylbenzene	53	160	53	23	**U**
120-82-1	1,2,4-Trichlorobenzene	100	310	100	41	**U**
91-20-3	Naphthalene	97	160	97	41	**U**
1330-20-7	Xylenes, Total	110	310	110	44	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	64	100	64	26	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	64	100	64	17	**U**
74-87-3	Chloromethane	64	100	64	17	**U**
75-01-4	Vinyl Chloride	34	110	34	11	**U**
106-99-0	1,3-Butadiene	64	100	64	18	**U**
75-00-3	Chloroethane	64	100	64	13	**U**
64-17-5	Ethanol	**120**	1,100	170	74	**J**
67-64-1	Acetone	540	1,000	540	240	**U**
75-69-4	Trichlorofluoromethane	64	100	64	16	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	130	200	130	44	**U**
75-09-2	Methylene Chloride	64	100	64	30	**U**
76-13-1	Trichlorotrifluoroethane	34	110	34	15	**U**
75-15-0	Carbon Disulfide	110	200	110	32	**U**
75-34-3	1,1-Dichloroethane	66	110	66	16	**U**
78-93-3	2-Butanone (MEK)	64	200	64	22	**U**
141-78-6	Ethyl Acetate	130	200	130	56	**U**
110-54-3	n-Hexane	64	100	64	22	**U**
67-66-3	Chloroform	**34**	110	34	14	**J**
109-99-9	Tetrahydrofuran (THF)	**150**	200	34	13	**J**
107-06-2	1,2-Dichloroethane	34	100	34	12	**U**
71-43-2	Benzene	34	100	34	15	**U**
56-23-5	Carbon Tetrachloride	34	100	34	15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	68	200	68	30	**U**
75-27-4	Bromodichloromethane	34	100	34	15	**U**
79-01-6	Trichloroethene	**19,000**	100	34	14	
123-91-1	1,4-Dioxane	34	100	34	13	**U**
142-82-5	n-Heptane	64	100	64	17	**U**
108-10-1	4-Methyl-2-pentanone	34	200	34	15	**U**
108-88-3	Toluene	34	100	34	13	**U**
591-78-6	2-Hexanone	34	200	34	13	**U**
124-48-1	Dibromochloromethane	34	100	34	14	**U**
106-93-4	1,2-Dibromoethane	34	100	34	12	**U**
127-18-4	Tetrachloroethene	**52**	100	34	14	**J**
100-41-4	Ethylbenzene	34	100	34	15	**U**
179601-23-1	m,p-Xylenes	68	200	68	28	**U**
75-25-2	Bromoform	64	110	64	22	**U**
100-42-5	Styrene	64	100	64	17	**U**
95-47-6	o-Xylene	34	110	34	15	**U**
108-67-8	1,3,5-Trimethylbenzene	34	110	34	15	**U**
95-63-6	1,2,4-Trimethylbenzene	34	100	34	15	**U**
120-82-1	1,2,4-Trichlorobenzene	64	200	64	26	**U**
91-20-3	Naphthalene	62	100	62	26	**U**
1330-20-7	Xylenes, Total	68	200	68	28	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01254

Initial Pressure (psig): -4.16 Final Pressure (psig): 6.45

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.7**	2.6	1.6	0.65	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.7**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.7	0.85	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**32**	27	4.2	1.9	
67-64-1	Acetone	**13**	26	14	6.0	**J**
75-69-4	Trichlorofluoromethane	**0.83**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.1**	5.0	3.2	1.1	
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**0.62**	2.7	0.85	0.38	**J**
75-15-0	Carbon Disulfide	**9.8**	5.0	2.7	0.80	
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**10**	5.0	1.6	0.55	
141-78-6	Ethyl Acetate	3.3	5.0	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**5.7**	2.7	0.85	0.36	
109-99-9	Tetrahydrofuran (THF)	**1.3**	5.0	0.85	0.34	**J**
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.30	**U**
71-43-2	Benzene	**2.4**	2.6	0.85	0.39	**J**
56-23-5	Carbon Tetrachloride	**0.84**	2.6	0.85	0.37	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01254

Initial Pressure (psig): -4.16 Final Pressure (psig): 6.45

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.39	**U**
79-01-6	Trichloroethene	**350**	2.6	0.85	0.36	
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.37	**U**
108-88-3	Toluene	**0.85**	2.6	0.85	0.33	**J**
591-78-6	2-Hexanone	**0.97**	5.0	0.85	0.33	**J**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**1.1**	2.6	0.85	0.35	**J**
100-41-4	Ethylbenzene	0.85	2.6	0.85	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.0	1.7	0.70	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.85	2.7	0.85	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.85	2.7	0.85	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.85	2.6	0.85	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.65	**U**
1330-20-7	Xylenes, Total	1.7	5.0	1.7	0.70	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01247

Initial Pressure (psig): -4.43 Final Pressure (psig): 7.55

Container Dilution Factor: 2.17

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**110**	2.8	1.7	0.71	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.7	2.8	1.7	0.47	**U**
74-87-3	Chloromethane	**7.8**	2.8	1.7	0.47	
75-01-4	Vinyl Chloride	**4.2**	2.9	0.92	0.31	
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	**3.4**	2.8	1.7	0.36	
64-17-5	Ethanol	**46**	29	4.5	2.0	
67-64-1	Acetone	**47**	28	15	6.5	
75-69-4	Trichlorofluoromethane	1.7	2.8	1.7	0.44	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**410**	5.4	3.4	1.2	
75-09-2	Methylene Chloride	**0.81**	2.8	1.7	0.81	**J**
76-13-1	Trichlorotrifluoroethane	**0.67**	2.9	0.92	0.41	**J**
75-15-0	Carbon Disulfide	**39**	5.4	2.9	0.87	
75-34-3	1,1-Dichloroethane	**2.9**	2.9	1.8	0.42	**J**
78-93-3	2-Butanone (MEK)	**15**	5.4	1.7	0.60	
141-78-6	Ethyl Acetate	3.5	5.4	3.5	1.5	**U**
110-54-3	n-Hexane	**0.94**	2.8	1.7	0.60	**J**
67-66-3	Chloroform	**1.4**	2.9	0.92	0.39	**J**
109-99-9	Tetrahydrofuran (THF)	**28**	5.4	0.92	0.36	
107-06-2	1,2-Dichloroethane	**1.5**	2.8	0.92	0.32	**J**
71-43-2	Benzene	**1.8**	2.8	0.92	0.42	**J**
56-23-5	Carbon Tetrachloride	**0.73**	2.8	0.92	0.40	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01247

Initial Pressure (psig): -4.43 Final Pressure (psig): 7.55

Container Dilution Factor: 2.17

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.4	1.8	0.81	**U**
75-27-4	Bromodichloromethane	0.92	2.8	0.92	0.42	**U**
79-01-6	Trichloroethene	**660**	28	9.2	3.9	**D**
123-91-1	1,4-Dioxane	0.92	2.8	0.92	0.34	**U**
142-82-5	n-Heptane	**0.61**	2.8	1.7	0.46	**J**
108-10-1	4-Methyl-2-pentanone	**1.0**	5.4	0.92	0.40	**J**
108-88-3	Toluene	**10**	2.8	0.92	0.35	
591-78-6	2-Hexanone	**1.2**	5.4	0.92	0.36	**J**
124-48-1	Dibromochloromethane	0.92	2.8	0.92	0.38	**U**
106-93-4	1,2-Dibromoethane	0.92	2.8	0.92	0.34	**U**
127-18-4	Tetrachloroethene	**1.8**	2.8	0.92	0.37	**J**
100-41-4	Ethylbenzene	0.92	2.8	0.92	0.41	**U**
179601-23-1	m,p-Xylenes	**0.91**	5.4	1.8	0.76	**J**
75-25-2	Bromoform	1.7	2.9	1.7	0.60	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.47	**U**
95-47-6	o-Xylene	0.92	2.9	0.92	0.42	**U**
108-67-8	1,3,5-Trimethylbenzene	0.92	2.9	0.92	0.42	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.42**	2.8	0.92	0.40	**J**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.4	1.7	0.71	**U**
91-20-3	Naphthalene	1.7	2.8	1.7	0.71	**U**
1330-20-7	Xylenes, Total	**0.91**	5.4	1.8	0.76	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01253

Initial Pressure (psig): -3.55 Final Pressure (psig): 9.36

Container Dilution Factor: 2.16

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.79**	2.8	1.7	0.70	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.8	1.7	0.47	**J**
74-87-3	Chloromethane	1.7	2.8	1.7	0.46	**U**
75-01-4	Vinyl Chloride	0.92	2.9	0.92	0.31	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**22**	29	4.5	2.0	**J**
67-64-1	Acetone	**7.9**	28	15	6.5	**J**
75-69-4	Trichlorofluoromethane	**1.0**	2.8	1.7	0.44	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	5.4	3.4	1.2	**J**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.81	**U**
76-13-1	Trichlorotrifluoroethane	**1.3**	2.9	0.92	0.41	**J**
75-15-0	Carbon Disulfide	**1.8**	5.4	2.9	0.86	**J**
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**7.5**	5.4	1.7	0.59	
141-78-6	Ethyl Acetate	3.5	5.4	3.5	1.5	**U**
110-54-3	n-Hexane	1.7	2.8	1.7	0.59	**U**
67-66-3	Chloroform	0.92	2.9	0.92	0.38	**U**
109-99-9	Tetrahydrofuran (THF)	0.92	5.4	0.92	0.36	**U**
107-06-2	1,2-Dichloroethane	0.92	2.8	0.92	0.32	**U**
71-43-2	Benzene	0.92	2.8	0.92	0.42	**U**
56-23-5	Carbon Tetrachloride	0.92	2.8	0.92	0.40	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-018

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01253

Initial Pressure (psig): -3.55 Final Pressure (psig): 9.36

Container Dilution Factor: 2.16

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.4	1.8	0.81	**U**
75-27-4	Bromodichloromethane	0.92	2.8	0.92	0.42	**U**
79-01-6	Trichloroethene	**25**	2.8	0.92	0.39	
123-91-1	1,4-Dioxane	0.92	2.8	0.92	0.34	**U**
142-82-5	n-Heptane	1.7	2.8	1.7	0.46	**U**
108-10-1	4-Methyl-2-pentanone	0.92	5.4	0.92	0.39	**U**
108-88-3	Toluene	**0.73**	2.8	0.92	0.35	**J**
591-78-6	2-Hexanone	**0.73**	5.4	0.92	0.36	**J**
124-48-1	Dibromochloromethane	0.92	2.8	0.92	0.38	**U**
106-93-4	1,2-Dibromoethane	0.92	2.8	0.92	0.33	**U**
127-18-4	Tetrachloroethene	**0.87**	2.8	0.92	0.37	**J**
100-41-4	Ethylbenzene	0.92	2.8	0.92	0.41	**U**
179601-23-1	m,p-Xylenes	1.8	5.4	1.8	0.76	**U**
75-25-2	Bromoform	1.7	2.9	1.7	0.59	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.46	**U**
95-47-6	o-Xylene	0.92	2.9	0.92	0.42	**U**
108-67-8	1,3,5-Trimethylbenzene	0.92	2.9	0.92	0.42	**U**
95-63-6	1,2,4-Trimethylbenzene	0.92	2.8	0.92	0.40	**U**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.4	1.7	0.70	**U**
91-20-3	Naphthalene	1.7	2.8	1.7	0.70	**U**
1330-20-7	Xylenes, Total	1.8	5.4	1.8	0.76	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01259

Initial Pressure (psig): -4.22 Final Pressure (psig): 9.22

Container Dilution Factor: 2.28

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.85**	3.0	1.8	0.74	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	3.0	1.8	0.50	**J**
74-87-3	Chloromethane	1.8	3.0	1.8	0.49	**U**
75-01-4	Vinyl Chloride	0.97	3.0	0.97	0.32	**U**
106-99-0	1,3-Butadiene	1.8	3.0	1.8	0.50	**U**
75-00-3	Chloroethane	1.8	3.0	1.8	0.38	**U**
64-17-5	Ethanol	**18**	30	4.7	2.1	**J**
67-64-1	Acetone	15	30	15	6.8	**U**
75-69-4	Trichlorofluoromethane	**1.0**	2.9	1.8	0.46	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	5.7	3.6	1.3	**J**
75-09-2	Methylene Chloride	1.8	3.0	1.8	0.86	**U**
76-13-1	Trichlorotrifluoroethane	**1.7**	3.0	0.97	0.43	**J**
75-15-0	Carbon Disulfide	3.1	5.7	3.1	0.91	**U**
75-34-3	1,1-Dichloroethane	1.9	3.1	1.9	0.44	**U**
78-93-3	2-Butanone (MEK)	**5.6**	5.7	1.8	0.63	**J**
141-78-6	Ethyl Acetate	3.7	5.7	3.7	1.6	**U**
110-54-3	n-Hexane	1.8	3.0	1.8	0.63	**U**
67-66-3	Chloroform	0.97	3.0	0.97	0.40	**U**
109-99-9	Tetrahydrofuran (THF)	0.97	5.7	0.97	0.38	**U**
107-06-2	1,2-Dichloroethane	0.97	3.0	0.97	0.34	**U**
71-43-2	Benzene	0.97	3.0	0.97	0.44	**U**
56-23-5	Carbon Tetrachloride	**0.45**	2.9	0.97	0.42	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-050-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01259

Initial Pressure (psig): -4.22 Final Pressure (psig): 9.22

Container Dilution Factor: 2.28

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.7	1.9	0.86	**U**
75-27-4	Bromodichloromethane	0.97	3.0	0.97	0.44	**U**
79-01-6	Trichloroethene	**42**	2.9	0.97	0.41	
123-91-1	1,4-Dioxane	0.97	3.0	0.97	0.36	**U**
142-82-5	n-Heptane	1.8	3.0	1.8	0.48	**U**
108-10-1	4-Methyl-2-pentanone	0.97	5.7	0.97	0.42	**U**
108-88-3	Toluene	**0.45**	3.0	0.97	0.37	**J**
591-78-6	2-Hexanone	**0.70**	5.7	0.97	0.38	**J**
124-48-1	Dibromochloromethane	0.97	3.0	0.97	0.40	**U**
106-93-4	1,2-Dibromoethane	0.97	3.0	0.97	0.35	**U**
127-18-4	Tetrachloroethene	**1.3**	3.0	0.97	0.39	**J**
100-41-4	Ethylbenzene	0.97	3.0	0.97	0.43	**U**
179601-23-1	m,p-Xylenes	1.9	5.7	1.9	0.80	**U**
75-25-2	Bromoform	1.8	3.0	1.8	0.63	**U**
100-42-5	Styrene	1.8	3.0	1.8	0.49	**U**
95-47-6	o-Xylene	0.97	3.0	0.97	0.44	**U**
108-67-8	1,3,5-Trimethylbenzene	0.97	3.0	0.97	0.44	**U**
95-63-6	1,2,4-Trimethylbenzene	0.97	3.0	0.97	0.42	**U**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.7	1.8	0.74	**U**
91-20-3	Naphthalene	1.8	3.0	1.8	0.74	**U**
1330-20-7	Xylenes, Total	1.9	5.7	1.9	0.80	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-170-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01257

Initial Pressure (psig): -3.86 Final Pressure (psig): 8.14

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.84**	2.7	1.7	0.69	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.7	1.7	0.46	**J**
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.90	2.8	0.90	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.35	**U**
64-17-5	Ethanol	**21**	28	4.4	2.0	**J**
67-64-1	Acetone	**32**	27	14	6.3	
75-69-4	Trichlorofluoromethane	**0.93**	2.7	1.7	0.43	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	5.3	3.3	1.2	**J**
75-09-2	Methylene Chloride	1.7	2.7	1.7	0.79	**U**
76-13-1	Trichlorotrifluoroethane	**2.5**	2.8	0.90	0.40	**J**
75-15-0	Carbon Disulfide	**6.2**	5.3	2.8	0.84	
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**10**	5.3	1.7	0.58	
141-78-6	Ethyl Acetate	3.4	5.3	3.4	1.5	**U**
110-54-3	n-Hexane	1.7	2.7	1.7	0.58	**U**
67-66-3	Chloroform	**0.83**	2.8	0.90	0.37	**J**
109-99-9	Tetrahydrofuran (THF)	**2.6**	5.3	0.90	0.35	**J**
107-06-2	1,2-Dichloroethane	0.90	2.7	0.90	0.31	**U**
71-43-2	Benzene	**0.69**	2.7	0.90	0.41	**J**
56-23-5	Carbon Tetrachloride	**0.78**	2.7	0.90	0.39	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-170-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01257

Initial Pressure (psig): -3.86 Final Pressure (psig): 8.14

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.3	1.8	0.79	**U**
75-27-4	Bromodichloromethane	0.90	2.7	0.90	0.41	**U**
79-01-6	Trichloroethene	**140**	2.7	0.90	0.38	
123-91-1	1,4-Dioxane	0.90	2.7	0.90	0.33	**U**
142-82-5	n-Heptane	1.7	2.7	1.7	0.45	**U**
108-10-1	4-Methyl-2-pentanone	0.90	5.3	0.90	0.39	**U**
108-88-3	Toluene	**0.43**	2.7	0.90	0.34	**J**
591-78-6	2-Hexanone	**0.88**	5.3	0.90	0.35	**J**
124-48-1	Dibromochloromethane	0.90	2.7	0.90	0.37	**U**
106-93-4	1,2-Dibromoethane	0.90	2.7	0.90	0.33	**U**
127-18-4	Tetrachloroethene	**2.2**	2.7	0.90	0.36	**J**
100-41-4	Ethylbenzene	0.90	2.7	0.90	0.40	**U**
179601-23-1	m,p-Xylenes	1.8	5.3	1.8	0.74	**U**
75-25-2	Bromoform	1.7	2.8	1.7	0.58	**U**
100-42-5	Styrene	1.7	2.7	1.7	0.45	**U**
95-47-6	o-Xylene	0.90	2.8	0.90	0.41	**U**
108-67-8	1,3,5-Trimethylbenzene	0.90	2.8	0.90	0.41	**U**
95-63-6	1,2,4-Trimethylbenzene	0.90	2.7	0.90	0.39	**U**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.3	1.7	0.69	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.69	**U**
1330-20-7	Xylenes, Total	1.8	5.3	1.8	0.74	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01166

Initial Pressure (psig): -4.11 Final Pressure (psig): 6.68

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.6	1.6	0.66	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1.6	2.6	1.6	0.44	**U**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**3.9**	27	4.2	1.9	**J**
67-64-1	Acetone	14	26	14	6.1	**U**
75-69-4	Trichlorofluoromethane	1.6	2.6	1.6	0.41	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.1	3.2	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.76	**U**
76-13-1	Trichlorotrifluoroethane	0.86	2.7	0.86	0.38	**U**
75-15-0	Carbon Disulfide	2.7	5.1	2.7	0.81	**U**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	1.6	5.1	1.6	0.56	**U**
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.56	**U**
67-66-3	Chloroform	0.86	2.7	0.86	0.36	**U**
109-99-9	Tetrahydrofuran (THF)	0.86	5.1	0.86	0.34	**U**
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	0.86	2.6	0.86	0.39	**U**
56-23-5	Carbon Tetrachloride	0.86	2.6	0.86	0.37	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01166

Initial Pressure (psig): -4.11 Final Pressure (psig): 6.68

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.76	**U**
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	**2.0**	2.6	0.86	0.36	**J**
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**0.47**	2.6	0.86	0.33	**J**
591-78-6	2-Hexanone	0.86	5.1	0.86	0.33	**U**
124-48-1	Dibromochloromethane	0.86	2.6	0.86	0.35	**U**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**140**	2.6	0.86	0.35	
100-41-4	Ethylbenzene	**0.77**	2.6	0.86	0.38	**J**
179601-23-1	m,p-Xylenes	**2.2**	5.1	1.7	0.71	**J**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**0.72**	2.7	0.86	0.39	**J**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.71**	2.6	0.86	0.37	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	**3.0**	5.1	1.7	0.71	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-612** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01221

Initial Pressure (psig): -2.87 Final Pressure (psig): 8.51

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.79**	2.5	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	2.5	1.6	0.43	**J**
74-87-3	Chloromethane	1.6	2.5	1.6	0.42	**U**
75-01-4	Vinyl Chloride	0.83	2.6	0.83	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	**U**
75-00-3	Chloroethane	1.6	2.5	1.6	0.32	**U**
64-17-5	Ethanol	**32**	26	4.1	1.8	
67-64-1	Acetone	**8.6**	25	13	5.9	**J**
75-69-4	Trichlorofluoromethane	**0.77**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	4.9	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.5	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**1.0**	2.6	0.83	0.37	**J**
75-15-0	Carbon Disulfide	**13**	4.9	2.6	0.78	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**8.0**	4.9	1.6	0.54	
141-78-6	Ethyl Acetate	**1.9**	4.9	3.2	1.4	**J**
110-54-3	n-Hexane	1.6	2.5	1.6	0.54	**U**
67-66-3	Chloroform	**1.0**	2.6	0.83	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**5.4**	4.9	0.83	0.33	
107-06-2	1,2-Dichloroethane	0.83	2.5	0.83	0.29	**U**
71-43-2	Benzene	**1.0**	2.5	0.83	0.38	**J**
56-23-5	Carbon Tetrachloride	**0.65**	2.5	0.83	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-612** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01221

Initial Pressure (psig): -2.87 Final Pressure (psig): 8.51

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	4.9	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.83	2.5	0.83	0.38	**U**
79-01-6	Trichloroethene	**80**	2.5	0.83	0.35	
123-91-1	1,4-Dioxane	0.83	2.5	0.83	0.31	**U**
142-82-5	n-Heptane	1.6	2.5	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.83	4.9	0.83	0.36	**U**
108-88-3	Toluene	**0.81**	2.5	0.83	0.32	**J**
591-78-6	2-Hexanone	**0.74**	4.9	0.83	0.32	**J**
124-48-1	Dibromochloromethane	0.83	2.5	0.83	0.34	**U**
106-93-4	1,2-Dibromoethane	0.83	2.5	0.83	0.30	**U**
127-18-4	Tetrachloroethene	**0.85**	2.5	0.83	0.34	**J**
100-41-4	Ethylbenzene	0.83	2.5	0.83	0.37	**U**
179601-23-1	m,p-Xylenes	1.7	4.9	1.7	0.69	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	0.83	2.6	0.83	0.38	**U**
108-67-8	1,3,5-Trimethylbenzene	0.83	2.6	0.83	0.38	**U**
95-63-6	1,2,4-Trimethylbenzene	0.83	2.5	0.83	0.36	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.64	**U**
1330-20-7	Xylenes, Total	1.7	4.9	1.7	0.69	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01255

Initial Pressure (psig): -4.65 Final Pressure (psig): 6.33

Container Dilution Factor: 2.09

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.2**	2.7	1.7	0.68	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	2.7	1.7	0.45	**J**
74-87-3	Chloromethane	1.7	2.7	1.7	0.45	**U**
75-01-4	Vinyl Chloride	0.89	2.8	0.89	0.30	**U**
106-99-0	1,3-Butadiene	1.7	2.7	1.7	0.46	**U**
75-00-3	Chloroethane	1.7	2.7	1.7	0.34	**U**
64-17-5	Ethanol	**23**	28	4.3	1.9	**J**
67-64-1	Acetone	**7.7**	27	14	6.3	**J**
75-69-4	Trichlorofluoromethane	**0.79**	2.7	1.7	0.42	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	5.2	3.3	1.1	**J**
75-09-2	Methylene Chloride	1.7	2.7	1.7	0.78	**U**
76-13-1	Trichlorotrifluoroethane	**1.0**	2.8	0.89	0.40	**J**
75-15-0	Carbon Disulfide	**11**	5.2	2.8	0.84	
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.41	**U**
78-93-3	2-Butanone (MEK)	**9.1**	5.2	1.7	0.57	
141-78-6	Ethyl Acetate	3.4	5.2	3.4	1.5	**U**
110-54-3	n-Hexane	1.7	2.7	1.7	0.57	**U**
67-66-3	Chloroform	**0.96**	2.8	0.89	0.37	**J**
109-99-9	Tetrahydrofuran (THF)	**5.3**	5.2	0.89	0.35	
107-06-2	1,2-Dichloroethane	0.89	2.7	0.89	0.31	**U**
71-43-2	Benzene	**0.93**	2.7	0.89	0.40	**J**
56-23-5	Carbon Tetrachloride	**0.60**	2.7	0.89	0.39	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-350-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01255

Initial Pressure (psig): -4.65 Final Pressure (psig): 6.33

Container Dilution Factor: 2.09

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.2	1.8	0.78	**U**
75-27-4	Bromodichloromethane	0.89	2.7	0.89	0.40	**U**
79-01-6	Trichloroethene	**79**	2.7	0.89	0.38	
123-91-1	1,4-Dioxane	0.89	2.7	0.89	0.33	**U**
142-82-5	n-Heptane	1.7	2.7	1.7	0.44	**U**
108-10-1	4-Methyl-2-pentanone	0.89	5.2	0.89	0.38	**U**
108-88-3	Toluene	**0.52**	2.7	0.89	0.34	**J**
591-78-6	2-Hexanone	**0.84**	5.2	0.89	0.34	**J**
124-48-1	Dibromochloromethane	0.89	2.7	0.89	0.37	**U**
106-93-4	1,2-Dibromoethane	0.89	2.7	0.89	0.32	**U**
127-18-4	Tetrachloroethene	**0.83**	2.7	0.89	0.36	**J**
100-41-4	Ethylbenzene	0.89	2.7	0.89	0.39	**U**
179601-23-1	m,p-Xylenes	1.8	5.2	1.8	0.73	**U**
75-25-2	Bromoform	1.7	2.8	1.7	0.57	**U**
100-42-5	Styrene	1.7	2.7	1.7	0.45	**U**
95-47-6	o-Xylene	0.89	2.8	0.89	0.40	**U**
108-67-8	1,3,5-Trimethylbenzene	0.89	2.8	0.89	0.40	**U**
95-63-6	1,2,4-Trimethylbenzene	0.89	2.7	0.89	0.39	**U**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.2	1.7	0.68	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.68	**U**
1330-20-7	Xylenes, Total	1.8	5.2	1.8	0.73	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01156

Initial Pressure (psig): -3.32 Final Pressure (psig): 9.28

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	23	37	23	9.1	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	23	37	23	6.1	**U**
74-87-3	Chloromethane	23	37	23	6.0	**U**
75-01-4	Vinyl Chloride	12	37	12	4.0	**U**
106-99-0	1,3-Butadiene	23	37	23	6.2	**U**
75-00-3	Chloroethane	23	37	23	4.6	**U**
64-17-5	Ethanol	58	370	58	26	**U**
67-64-1	Acetone	190	370	190	84	**U**
75-69-4	Trichlorofluoromethane	23	36	23	5.7	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	44	70	44	15	**U**
75-09-2	Methylene Chloride	23	37	23	11	**U**
76-13-1	Trichlorotrifluoroethane	12	37	12	5.3	**U**
75-15-0	Carbon Disulfide	**41**	70	38	11	**J**
75-34-3	1,1-Dichloroethane	23	38	23	5.5	**U**
78-93-3	2-Butanone (MEK)	23	70	23	7.7	**U**
141-78-6	Ethyl Acetate	46	70	46	20	**U**
110-54-3	n-Hexane	**130**	37	23	7.7	
67-66-3	Chloroform	12	37	12	5.0	**U**
109-99-9	Tetrahydrofuran (THF)	12	70	12	4.7	**U**
107-06-2	1,2-Dichloroethane	12	37	12	4.1	**U**
71-43-2	Benzene	**130**	37	12	5.4	
56-23-5	Carbon Tetrachloride	12	36	12	5.2	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV134-450-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.030 Liter(s)
Test Notes:
Container ID: 1SS01156

Initial Pressure (psig): -3.32 Final Pressure (psig): 9.28

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**92**	70	24	11	
75-27-4	Bromodichloromethane	12	37	12	5.4	**U**
79-01-6	Trichloroethene	**15**	36	12	5.1	**J**
123-91-1	1,4-Dioxane	12	37	12	4.4	**U**
142-82-5	n-Heptane	**16**	37	23	6.0	**J**
108-10-1	4-Methyl-2-pentanone	12	70	12	5.1	**U**
108-88-3	Toluene	**18**	37	12	4.6	**J**
591-78-6	2-Hexanone	12	70	12	4.6	**U**
124-48-1	Dibromochloromethane	12	37	12	4.9	**U**
106-93-4	1,2-Dibromoethane	12	37	12	4.4	**U**
127-18-4	Tetrachloroethene	12	37	12	4.9	**U**
100-41-4	Ethylbenzene	12	37	12	5.3	**U**
179601-23-1	m,p-Xylenes	24	70	24	9.8	**U**
75-25-2	Bromoform	23	37	23	7.7	**U**
100-42-5	Styrene	23	37	23	6.0	**U**
95-47-6	o-Xylene	**18**	37	12	5.4	**J**
108-67-8	1,3,5-Trimethylbenzene	**35**	37	12	5.4	**J**
95-63-6	1,2,4-Trimethylbenzene	12	37	12	5.2	**U**
120-82-1	1,2,4-Trichlorobenzene	23	70	23	9.1	**U**
91-20-3	Naphthalene	22	37	22	9.1	**U**
1330-20-7	Xylenes, Total	**18**	70	24	9.8	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	**0.44**	5.3	0.83	0.37	**J**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102034

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/12 - 4/13/21
Analyst: Lusine Hakobyan Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/6 - 5/20/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210506-MB	**96**	**99**	**103**	70-130	
Method Blank	P210507-MB	**96**	**98**	**103**	70-130	
Method Blank	P210520-MB	**97**	**106**	**103**	70-130	
Lab Control Sample	P210506-LCS	**96**	**99**	**105**	70-130	
Lab Control Sample	P210507-LCS	**96**	**98**	**105**	70-130	
Lab Control Sample	P210520-LCS	**94**	**104**	**106**	70-130	
Duplicate Lab Control Sample	P210506-DLCS	**96**	**99**	**106**	70-130	
Duplicate Lab Control Sample	P210507-DLCS	**95**	**98**	**105**	70-130	
Duplicate Lab Control Sample	P210520-DLCS	**93**	**107**	**106**	70-130	
SV123-050-212	P2102034-001	**97**	**98**	**103**	70-130	
SV123-150-212	P2102034-002	**98**	**97**	**103**	70-130	
SV123-250-212	P2102034-003	**97**	**97**	**103**	70-130	
SV123-350-212	P2102034-004	**96**	**98**	**104**	70-130	
SV123-450-212	P2102034-005	**97**	**95**	**103**	70-130	
SV131-025-212	P2102034-006	**97**	**98**	**103**	70-130	
SV131-055-212	P2102034-007	**96**	**98**	**104**	70-130	
SV131-150-212	P2102034-008	**96**	**98**	**105**	70-130	
SV131-245-212	P2102034-009	**97**	**97**	**103**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102034

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/12 - 4/13/21
Analyst: Lusine Hakobyan Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/6 - 5/20/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV131-350-212	P2102034-010	**96**	**92**	**99**	70-130	
SV131-450-212	P2102034-011	**97**	**91**	**104**	70-130	
SV132-025-212	P2102034-012	**97**	**98**	**103**	70-130	
SV132-025-212	P2102034-012DUP	**98**	**98**	**102**	70-130	
SV132-050-212	P2102034-013	**98**	**98**	**103**	70-130	
SV132-175-212	P2102034-014	**99**	**97**	**101**	70-130	
SV132-250-212	P2102034-015	**100**	**96**	**100**	70-130	
SV132-250-212	P2102034-015DUP	**100**	**95**	**99**	70-130	
SV132-350-212	P2102034-016	**97**	**97**	**102**	70-130	
SV132-450-212	P2102034-017	**96**	**98**	**102**	70-130	
SV134-025-212	P2102034-018	**97**	**99**	**102**	70-130	
SV134-050-212	P2102034-019	**98**	**97**	**102**	70-130	
SV134-170-212	P2102034-020	**100**	**95**	**98**	70-130	
SV134-250-212	P2102034-021	**101**	**94**	**98**	70-130	
SV134-350-612	P2102034-022	**101**	**94**	**98**	70-130	
SV134-350-212	P2102034-023	**101**	**95**	**98**	70-130	
SV134-450-212	P2102034-024	**101**	**89**	**95**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	199	199	**95**	**95**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	183	183	**87**	**87**	59-128	0	25	
74-87-3	Chloromethane	206	174	168	**84**	**82**	59-132	2	25	
75-01-4	Vinyl Chloride	208	183	183	**88**	**88**	64-127	0	25	
106-99-0	1,3-Butadiene	210	205	204	**98**	**97**	66-134	1	25	
75-00-3	Chloroethane	204	184	186	**90**	**91**	63-127	1	25	
64-17-5	Ethanol	998	807	815	**81**	**82**	59-125	1	25	
67-64-1	Acetone	1,030	884	888	**86**	**86**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	180	181	**88**	**89**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	356	357	**87**	**88**	52-125	1	25	
75-09-2	Methylene Chloride	208	188	189	**90**	**91**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	191	194	**89**	**91**	66-126	2	25	
75-15-0	Carbon Disulfide	428	393	398	**92**	**93**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	186	188	**88**	**89**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	406	410	**99**	**100**	67-130	1	25	
141-78-6	Ethyl Acetate	422	521	526	**123**	**125**	65-128	2	25	
110-54-3	n-Hexane	212	171	172	**81**	**81**	63-120	0	25	
67-66-3	Chloroform	214	187	189	**87**	**88**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	355	360	**89**	**90**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	185	188	**89**	**90**	65-128	1	25	
71-43-2	Benzene	204	181	185	**89**	**91**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	191	196	**91**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	374	383	**90**	**92**	70-117	2	25	
75-27-4	Bromodichloromethane	210	197	202	**94**	**96**	72-128	2	25	
79-01-6	Trichloroethene	206	188	193	**91**	**94**	71-123	3	25	
123-91-1	1,4-Dioxane	208	203	207	**98**	**100**	71-122	2	25	
142-82-5	n-Heptane	210	189	193	**90**	**92**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	407	415	**98**	**100**	67-130	2	25	
108-88-3	Toluene	206	188	189	**91**	**92**	66-119	1	25	
591-78-6	2-Hexanone	404	396	400	**98**	**99**	62-128	1	25	
124-48-1	Dibromochloromethane	210	212	216	**101**	**103**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	202	205	**97**	**99**	74-122	2	25	
127-18-4	Tetrachloroethene	206	196	198	**95**	**96**	66-124	1	25	
100-41-4	Ethylbenzene	206	190	193	**92**	**94**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	370	382	**90**	**93**	61-134	3	25	
75-25-2	Bromoform	208	221	226	**106**	**109**	66-139	3	25	
100-42-5	Styrene	206	204	206	**99**	**100**	73-127	1	25	
95-47-6	o-Xylene	206	189	190	**92**	**92**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	195	197	**95**	**96**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	194	196	**95**	**96**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	425	435	**110**	**112**	55-142	2	25	
91-20-3	Naphthalene	198	234	240	**118**	**121**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	208	198	**99**	**94**	57-136	5	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	187	181	**89**	**86**	59-128	3	25	
74-87-3	Chloromethane	206	165	164	**80**	**80**	59-132	0	25	
75-01-4	Vinyl Chloride	208	182	173	**88**	**83**	64-127	6	25	
106-99-0	1,3-Butadiene	210	203	194	**97**	**92**	66-134	5	25	
75-00-3	Chloroethane	204	185	182	**91**	**89**	63-127	2	25	
64-17-5	Ethanol	998	810	799	**81**	**80**	59-125	1	25	
67-64-1	Acetone	1,030	895	871	**87**	**85**	58-128	2	25	
75-69-4	Trichlorofluoromethane	204	184	179	**90**	**88**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	351	345	**86**	**85**	52-125	1	25	
75-09-2	Methylene Chloride	208	191	187	**92**	**90**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	193	192	**90**	**90**	66-126	0	25	
75-15-0	Carbon Disulfide	428	398	391	**93**	**91**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	189	186	**89**	**88**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	410	404	**100**	**98**	67-130	2	25	
141-78-6	Ethyl Acetate	422	526	520	**125**	**123**	65-128	2	25	
110-54-3	n-Hexane	212	172	170	**81**	**80**	63-120	1	25	
67-66-3	Chloroform	214	189	187	**88**	**87**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	358	353	**90**	**88**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	189	186	**91**	**89**	65-128	2	25	
71-43-2	Benzene	204	184	183	**90**	**90**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	195	195	**93**	**93**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	380	379	**91**	**91**	70-117	0	25	
75-27-4	Bromodichloromethane	210	202	200	**96**	**95**	72-128	1	25	
79-01-6	Trichloroethene	206	191	191	**93**	**93**	71-123	0	25	
123-91-1	1,4-Dioxane	208	206	204	**99**	**98**	71-122	1	25	
142-82-5	n-Heptane	210	191	191	**91**	**91**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	412	407	**99**	**98**	67-130	1	25	
108-88-3	Toluene	206	188	187	**91**	**91**	66-119	0	25	
591-78-6	2-Hexanone	404	397	393	**98**	**97**	62-128	1	25	
124-48-1	Dibromochloromethane	210	214	214	**102**	**102**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	204	202	**98**	**97**	74-122	1	25	
127-18-4	Tetrachloroethene	206	197	196	**96**	**95**	66-124	1	25	
100-41-4	Ethylbenzene	206	191	190	**93**	**92**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	379	377	**92**	**92**	61-134	0	25	
75-25-2	Bromoform	208	223	224	**107**	**108**	66-139	0.9	25	
100-42-5	Styrene	206	204	203	**99**	**99**	73-127	0	25	
95-47-6	o-Xylene	206	189	188	**92**	**91**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	196	194	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	195	194	**96**	**95**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	428	429	**110**	**111**	55-142	0.9	25	
91-20-3	Naphthalene	198	235	235	**119**	**119**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	203	200	**97**	**95**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	196	189	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	206	186	172	**90**	**83**	59-132	8	25	
75-01-4	Vinyl Chloride	208	222	230	**107**	**111**	64-127	4	25	
106-99-0	1,3-Butadiene	210	219	219	**104**	**104**	66-134	0	25	
75-00-3	Chloroethane	204	199	196	**98**	**96**	63-127	2	25	
64-17-5	Ethanol	998	893	876	**89**	**88**	59-125	1	25	
67-64-1	Acetone	1,030	921	913	**89**	**89**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	185	184	**91**	**90**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	353	348	**87**	**85**	52-125	2	25	
75-09-2	Methylene Chloride	208	202	201	**97**	**97**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	200	200	**93**	**93**	66-126	0	25	
75-15-0	Carbon Disulfide	428	422	423	**99**	**99**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	199	198	**94**	**93**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	435	437	**106**	**106**	67-130	0	25	
141-78-6	Ethyl Acetate	422	553	546	**131**	**129**	65-128	2	25	**L**
110-54-3	n-Hexane	212	193	190	**91**	**90**	63-120	1	25	
67-66-3	Chloroform	214	198	198	**93**	**93**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	387	386	**97**	**97**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	190	189	**91**	**91**	65-128	0	25	
71-43-2	Benzene	204	193	191	**95**	**94**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	189	187	**90**	**89**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210520-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	399	395	**96**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	210	199	196	**95**	**93**	72-128	2	25	
79-01-6	Trichloroethene	206	196	195	**95**	**95**	71-123	0	25	
123-91-1	1,4-Dioxane	208	215	213	**103**	**102**	71-122	1	25	
142-82-5	n-Heptane	210	202	203	**96**	**97**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	418	415	**100**	**100**	67-130	0	25	
108-88-3	Toluene	206	200	207	**97**	**100**	66-119	3	25	
591-78-6	2-Hexanone	404	417	419	**103**	**104**	62-128	1	25	
124-48-1	Dibromochloromethane	210	216	217	**103**	**103**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	217	218	**104**	**105**	74-122	1	25	
127-18-4	Tetrachloroethene	206	191	193	**93**	**94**	66-124	1	25	
100-41-4	Ethylbenzene	206	206	205	**100**	**100**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	405	402	**98**	**98**	61-134	0	25	
75-25-2	Bromoform	208	223	225	**107**	**108**	66-139	0.9	25	
100-42-5	Styrene	206	216	218	**105**	**106**	73-127	0.9	25	
95-47-6	o-Xylene	206	204	205	**99**	**100**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	200	205	**97**	**100**	67-130	3	25	
95-63-6	1,2,4-Trimethylbenzene	204	201	200	**99**	**98**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	436	442	**112**	**114**	55-142	2	25	
91-20-3	Naphthalene	198	240	241	**121**	**122**	57-138	0.8	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	14	14	14	**0**	25	**J**
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	ND	ND	-	-	25	
Chloroform	12	12	12	**0**	25	**J**
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	ND	ND	-	-	25	
Carbon Tetrachloride	8.3	8.1	8.2	**2**	25	**J**

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-025-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-012DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01256

Initial Pressure (psig): -4.62 Final Pressure (psig): 6.75

Container Dilution Factor: 2.13

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	ND	ND	-	-	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	7,600	7,500	7550	**1**	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	ND	ND	-	-	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	23	23	23	**0**	25	**J**
Ethylbenzene	ND	ND	-	-	25	
m,p-Xylenes	ND	ND	-	-	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	ND	ND	-	-	25	
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	120	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	ND	ND	-	-	25	
Chloroform	34	32	33	**6**	25	**J**
Tetrahydrofuran (THF)	150	150	150	**0**	25	**J**
1,2-Dichloroethane	ND	ND	-	-	25	
Benzene	ND	ND	-	-	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV132-250-212** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102034-015DUP

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/16/21
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01217

Initial Pressure (psig): -4.32 Final Pressure (psig): 6.16

Container Dilution Factor: 2.01

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	ND	ND	-	-	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	19,000	19,000	19000	**0**	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	ND	ND	-	-	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	52	50	51	**4**	25	**J**
Ethylbenzene	ND	ND	-	-	25	
m,p-Xylenes	ND	ND	-	-	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	ND	ND	-	-	25	
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05062101.D
Analyst: Lusine Hakobyan Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 17:59
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	254209		11.22	1084088		13.33		147704		17.64	
	Upper Limit	355893		11.55	1517723		13.66		206786		17.97	
	Lower Limit	152525		10.89	650453		13.00		88622		17.31	
	Client Sample ID											
01	Method Blank	246729		11.20	1073232		13.32		146841		17.64	
02	Lab Control Sample	249339		11.22	1073100		13.34		146094		17.64	
03	Duplicate Lab Control Sample	245629		11.22	1047934		13.33		144093		17.64	
04	SV123-050-212	241068		11.20	1038586		13.32		145013		17.64	
05	SV123-150-212	234891		11.20	1032388		13.32		145088		17.64	
06	SV123-250-212	233521		11.20	1025754		13.32		143873		17.64	
07	SV123-350-212	233191		11.19	1013967		13.32		140396		17.64	
08	SV131-450-212	233203		11.20	1013816		13.32		140442		17.64	
09	SV131-025-212	231336		11.20	1011371		13.32		141340		17.64	
10	SV131-055-212	239112		11.20	1036333		13.32		142917		17.64	
11	SV131-150-212	240785		11.20	1044450		13.32		143673		17.64	
12	SV131-245-212	236095		11.20	1033348		13.32		144411		17.64	
13	SV131-350-212	253159		11.20	1109026		13.32		157926		17.64	
14	SV132-025-212	253609		11.20	1105637		13.32		150866		17.64	
15	SV132-025-212 (Lab Duplicate)	250694		11.20	1099470		13.32		150513		17.64	
16	SV132-350-212	231818		11.20	1002410		13.32		140280		17.64	
17	SV132-450-212	236508		11.20	1021195		13.32		141557		17.64	
18	SV134-025-212	229785		11.19	1006782		13.32		138632		17.64	
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05072101.D
Analyst: Lusine Hakobyan Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 06:53
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	246383		11.21	1051868		13.33		144190		17.64	
	Upper Limit	344936		11.54	1472615		13.66		201866		17.97	
	Lower Limit	147830		10.88	631121		13.00		86514		17.31	
	Client Sample ID											
01	Method Blank	233503		11.19	1014893		13.32		140833		17.64	
02	Lab Control Sample	238384		11.21	1020635		13.33		140788		17.64	
03	Duplicate Lab Control Sample	242189		11.22	1029622		13.33		141699		17.64	
04	SV123-450-212	241262		11.20	1046180		13.32		147405		17.64	
05	SV132-450-212 (Dilution)	252548		11.20	1094315		13.32		151530		17.64	
06	SV132-050-212	234214		11.20	1017252		13.32		139970		17.64	
07	SV134-050-212	225736		11.20	983292		13.32		138115		17.64	
08	SV132-175-212	228868		11.20	987624		13.32		138509		17.64	
09	SV132-250-212	228455		11.20	1000100		13.32		140934		17.64	
10	SV132-250-212 (Lab Duplicate)	222909		11.20	971745		13.32		138798		17.64	
11	SV134-170-212	220737		11.20	956360		13.32		136857		17.64	
12	SV134-250-212	222338		11.20	964771		13.32		138604		17.64	
13	SV134-350-612	214475		11.20	930394		13.32		135598		17.64	
14	SV134-350-212	213529		11.20	928521		13.32		134031		17.64	
15	SV134-450-212	229037		11.20	994890		13.32		149322		17.64	
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102034
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05202109.D
Analyst: Lusine Hakobyan Date Analyzed: 5/20/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 08:53
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	272849		11.21	1181783		13.33		297216		17.64	
	Upper Limit	381989		11.54	1654496		13.66		416102		17.97	
	Lower Limit	163709		10.88	709070		13.00		178330		17.31	
	Client Sample ID											
01	Method Blank	248083		11.20	1105771		13.32		286715		17.64	
02	Lab Control Sample	271184		11.22	1164656		13.33		306479		17.64	
03	Duplicate Lab Control Sample	273071		11.21	1182704		13.33		306826		17.64	
04	SV123-050-212 (Dilution)	285445		11.20	1250876		13.32		326834		17.64	
05	SV131-245-212 (Dilution)	268596		11.20	1197797		13.32		314920		17.64	
06												
07												
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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LABORATORY REPORT

May 17, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 16, 2021. For your reference, these analyses have been assigned our service request number P2102163.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 6:27 pm, May 17, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102163
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 16, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recovery of Ethyl Acetate for Laboratory Control Samples (LCS) and Duplicate Laboratory Control Samples (LCSD) analyzed on May 5th, 6th and 7th was outside the DoD specified upper control criterion. The error associated with reduced recovery equates to a potential high bias. However, the spike recovery of the analyte in question was within laboratory control/method criteria; therefore, no further corrective action was taken.

Manual integrations were performed on the following samples and analytes. Refer to the raw data for additional information.

Sample Identifications	Analytes
P2102163-003,006,007,008	1,2,4-Trimethylbenzene
P2102163-006	n-Nonane
P2102163-027,032,033	Acetone
P2102163-030,031	Propene

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Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102163
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102163
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/16/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SV135-025-212	P2102163-001	Air	4/12/2021	10:03	1SS00904	-3.28	7.30			X
SV135-050-212	P2102163-002	Air	4/12/2021	10:08	1SC01098	-3.39	8.60			X
SV135-150-212	P2102163-003	Air	4/12/2021	10:12	1SC00262	-3.14	8.30			X
SV135-250-612	P2102163-004	Air	4/12/2021	10:15	1SC00130	-3.16	6.27	-0.06	5.10	X
SV135-250-212	P2102163-005	Air	4/12/2021	10:15	1SS00074	-3.07	8.27			X
SV135-350-212	P2102163-006	Air	4/12/2021	10:19	1SC00153	-2.94	9.17			X
SV135-450-212	P2102163-007	Air	4/12/2021	10:27	1SC00270	-2.58	7.49			X
SV137-025-212	P2102163-008	Air	4/12/2021	09:12	1SC00054	-1.69	7.96			X
SV137-050-212	P2102163-009	Air	4/12/2021	09:14	1SC01286	-3.50	7.03			X
SV137-150-212	P2102163-010	Air	4/12/2021	09:17	1SC00361	-2.02	9.74			X
SV137-250-212	P2102163-011	Air	4/12/2021	09:20	1SC00553	-1.95	6.98			X
SV137-350-212	P2102163-012	Air	4/12/2021	09:24	1SS00041	-3.46	6.13			X
SV137-450-212	P2102163-013	Air	4/12/2021	09:34	1SS00790	-4.08	7.70			X
SV139-025-212	P2102163-014	Air	4/12/2021	11:22	1SS01133	-4.51	7.42			X
SV139-050-212	P2102163-015	Air	4/12/2021	11:25	1SS00169	-4.36	8.45			X
SV139-050-612	P2102163-016	Air	4/12/2021	11:25	1SS00487	-2.98	6.30			X
SV139-150-212	P2102163-017	Air	4/12/2021	11:30	1SS00703	-3.61	8.01			X
SV139-350-212	P2102163-019	Air	4/12/2021	11:36	1SS01136	-2.95	5.86			X
SV139-450-212	P2102163-020	Air	4/12/2021	11:45	1SC00670	-3.41	11.61			X
SV140-025-212	P2102163-021	Air	4/12/2021	14:02	1SC00848	-2.60	5.99			X
SV140-050-212	P2102163-022	Air	4/12/2021	14:11	1SC00751	-4.97	7.65			X
SV140-150-212	P2102163-023	Air	4/12/2021	14:18	1SS00092	-3.40	7.13			X
SV140-250-212	P2102163-024	Air	4/12/2021	14:26	1SS00219	-5.02	6.43			X
SV140-350-212	P2102163-025	Air	4/12/2021	14:37	1SC00411	-3.50	5.63			X
SV140-450-612	P2102163-026	Air	4/12/2021	14:48	1SC01225	-4.69	7.29			X
SV140-450-212	P2102163-027	Air	4/12/2021	14:48	1SS00122	-4.53	6.41			X
SVE12-410-212	P2102163-028	Air	4/13/2021	12:20	1SS01296	-4.10	10.59			X
SV14-150-212	P2102163-029	Air	4/13/2021	11:59	1SS01244	-2.63	8.15			X
SV14-250-212	P2102163-030	Air	4/13/2021	12:05	1SS01258	-4.45	6.03			X
SV14-350-212	P2102163-031	Air	4/13/2021	12:08	1SS01291	-3.30	8.28			X
SV14-450-212	P2102163-032	Air	4/13/2021	12:13	1SS01292	-3.46	6.71			X
SV14-450-612	P2102163-033	Air	4/13/2021	12:13	1SS01293	-3.24	6.75			X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-02**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P210263

Company Name & Address (Reporting Information) EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000	Project Name Kirtland AFB Bulk Fuels Facility Project Number 62735DM02
Project Manager / Project Chemist Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143	P.O. # / Billing Information 17682
Email Address for Result Reporting Tara Lamond: Amanda Smith: Pam Moss:	Sampler (Print & Sign) Tyler Curley

ALS Contact:
Hayden Akers
1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV135-025-212	1	4/12/2021	10:03	1SS00904	NA	-24.0	-2.0	1L	X	None
SV135-050-212	2	4/12/2021	10:08	1SC01098	NA	-24.0	-3.0	1L	X	None
SV135-150-212	3	4/12/2021	10:12	1SC00262	NA	-26.0	-2.5	1L	X	None
SV135-250-612	4	4/12/2021	10:15	1SC00130	NA	-20.0	-3.0	1L	X	None
SV135-250-212	6	4/12/2021	10:15	1SS00074	NA	-26.0	-3.0	1L	X	None
SV135-350-212	5	4/12/2021	10:19	1SC00153	NA	-24.5	-1.5	1L	X	None
SV135-450-212	7	4/12/2021	10:27	1SC00270	NA	-25.5	-2.5	1L	X	None
SV137-025-212	8	4/12/2021	09:12	1SC00054	NA	-23.0	-1.0	1L	X	None
SV137-050-212	9	4/12/2021	09:14	1SC01286	NA	-27.0	-5.0	1L	X	None
SV137-150-212	10	4/12/2021	09:17	1SC00361	NA	-20.0	0.0	1L	X	None
SV137-250-212	11	4/12/2021	09:20	1SC00553	NA	-24.0	-3.0	1L	X	None
SV137-350-212	12	4/12/2021	09:24	1SS00041	NA	-25.0	-2.5	1L	X	None

FedEX Tracking Number: 9719 9695 2240

Shipping information: Box number 5 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Relinquished by: (Signature)	Date: 4-14-21	Time: 11:00	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4-16-21	Time: 0930

Project Requirements: QAPP

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-02

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No. 192163

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000	Project Name: Kirtland AFB Bulk Fuels Facilty Project Number: 62735DM02
Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143	P.O. # / Billing Information: 17682
Email Address for Result Reporting: Tara Lamond: Amanda Smith: Pam Moss:	Sampler (Print & Sign): Tyler Curley

ALS Contact: Hayden Akers, 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV137-450-212	13	4/12/2021	09:34	1SS00790	NA	-23.0	-3.0	1L	X	None
SV139-025-212	4	4/12/2021	11:22	1SS01133	NA	-26.5	-5.0	1L	X	None
SV139-050-212	15	4/12/2021	11:25	1SS00169	NA	-23.5	-3.5	1L	X	None
SV139-050-612	16	4/12/2021	11:25	1SS00487	NA	-25.0	0.0	1L	X	None
SV139-150-212	17	4/12/2021	11:30	1SS00703	NA	-25.0	-3.5	1L	X	None
SV139-250-212	IV	4/12/2021	11:33	1SS00924	NA	-25.0	-5.0	1L	X	None
SV139-350-212	19	4/12/2021	11:36	1SS01136	NA	-23.0	-0.5	1L	X	None
SV139-450-212	20	4/12/2021	11:45	1SC00670	NA	-28.0	-3.5	1L	X	None
SV140-025-212	21	4/12/2021	14:02	1SC00848	NA	-22.0	0.0	1L	X	None
SV140-050-212	22	4/12/2021	14:11	1SC00751	NA	-25.0	-4.0	1L	X	None
SV140-150-212	23	4/12/2021	14:18	1SS00092	NA	-25.5	-3.0	1L	X	None
SV140-250-212	24	4/12/2021	14:26	1SS00219	NA	-24.0	-6.0	1L	X	None

FedEX Tracking Number: 9719 9695 2250

Shipping information: Box number 6 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier II (Results + QC Summaries) ____ Tier III (Results + QC & Calibration Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Relinquished by: (Signature)	Date: 4-14-21	Time: 11:00	Received by: (Signature)	Date: / Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4/15/21 Time: 0730

Project Requirements: QAPP

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

Page 9 of 9

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Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-02

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. 62162163

Company Name & Address (Reporting Information) EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000	Project Name Kirtland AFB Bulk Fuels Faciltiy
Project Manager / Project Chemist Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143	Project Number 62735DM02
Email Address for Result Reporting Tara Lamond: Amanda Smith: Pam Moss:	P.O. # / Billing Information 17682
	Sampler (Print & Sign) Tyler Curley

ALS Contact:
Hayden Akers
1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV140-350-212	25	4/12/2021	14:37	1SC00411	NA	-22.0	-1.0	1L	X	None
SV140-450-612	24	4/12/2021	14:48	1SC01225	NA	-24.0	-5.0	1L	X	None
SV140-450-212	29	4/12/2021	14:48	1SS00122	NA	-26.0	-5.0	1L	X	None
SVE12-410-212	28	4/13/2021	12:20	1SS01296	NA	-25.0	-3.0	1L	X	None
SV14-150-212	29	4/13/2021	11:59	1SS01244	NA	-27.0	-2.5	1L	X	None
SV14-250-212	30	4/13/2021	12:05	1SS01258	NA	-24.0	-4.0	1L	X	None
SV14-350-212	31	4/13/2021	12:08	1SS01291	NA	-25.5	-3.5	1L	X	None
SV14-450-212	32	4/13/2021	12:13	1SS01292	NA	-26.5	-4.0	1L	X	None
SV14-450-612	33	4/13/2021	12:13	1SS01293	NA	-26.0	-3.0	1L	X	None

8 of 187

FedEX Tracking Number: 9719 9695 7250

Shipping information: Box number 6 of 6

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-14-21	Time: 11:00	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)

Date: 4/16 Time: 0853

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102163

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/2021 Date opened: 4/16/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102163-001.01	1.0 L Source Silonite Canister					
P2102163-002.01	1.0 L Source Can					
P2102163-003.01	1.0 L Source Can					
P2102163-004.01	1.0 L Source Can					
P2102163-005.01	1.0 L Source Silonite Canister					
P2102163-006.01	1.0 L Source Can					
P2102163-007.01	1.0 L Source Can					
P2102163-008.01	1.0 L Source Can					
P2102163-009.01	1.0 L Source Can					
P2102163-010.01	1.0 L Source Can					
P2102163-011.01	1.0 L Source Can					
P2102163-012.01	1.0 L Source Silonite Canister					
P2102163-013.01	1.0 L Source Silonite Canister					
P2102163-014.01	1.0 L Source Silonite Canister					
P2102163-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102163

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/16/2021 Date opened: 4/16/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102163-016.01	1.0 L Source Silonite Canister					
P2102163-017.01	1.0 L Source Silonite Canister					
P2102163-018.01	1.0 L Source Silonite Canister					
P2102163-019.01	1.0 L Source Silonite Canister					
P2102163-020.01	1.0 L Source Can					
P2102163-021.01	1.0 L Source Can					
P2102163-022.01	1.0 L Source Can					
P2102163-023.01	1.0 L Source Silonite Canister					
P2102163-024.01	1.0 L Source Silonite Canister					
P2102163-025.01	1.0 L Source Can					
P2102163-026.01	1.0 L Source Can					
P2102163-027.01	1.0 L Source Silonite Canister					
P2102163-028.01	1.0 L Source Silonite Canister					
P2102163-029.01	1.0 L Source Silonite Canister					
P2102163-030.01	1.0 L Source Silonite Canister					
P2102163-031.01	1.0 L Source Silonite Canister					
P2102163-032.01	1.0 L Source Silonite Canister					
P2102163-033.01	1.0 L Source Silonite Canister					
P2102163-034.01	1.0 L Source Can					
P2102163-035.01	1.0 L Source Can					
P2102163-036.01	1.0 L Source Can					
P2102163-037.01	1.0 L Source Can					
P2102163-038.01	1.0 L Source Can					
P2102163-039.01	1.0 L Source Can					
P2102163-040.01	1.0 L Source Can					
P2102163-041.01	1.0 L Source Silonite Canister					
P2102163-042.01	1.0 L Source Silonite Canister					
P2102163-043.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00904

Initial Pressure (psig): -3.28 Final Pressure (psig): 7.30

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.63**	1.5	0.90	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.44**	0.51	0.31	0.085	**J**
74-87-3	Chloromethane	0.75	1.2	0.75	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**1.9**	14	2.1	0.95	**J**
67-64-1	Acetone	**3.2**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.21**	0.44	0.27	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.79**	2.0	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.16**	0.33	0.11	0.048	**J**
75-15-0	Carbon Disulfide	0.84	1.6	0.84	0.25	**U**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**0.57**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.87	1.3	0.87	0.38	**U**
110-54-3	n-Hexane	0.44	0.71	0.44	0.15	**U**
67-66-3	Chloroform	**0.15**	0.52	0.17	0.070	**J**
109-99-9	Tetrahydrofuran (THF)	**0.12**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	**0.35**	0.79	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.096**	0.39	0.13	0.057	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00904

Initial Pressure (psig): -3.28 Final Pressure (psig): 7.30

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**75**	0.46	0.15	0.065	
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	**0.12**	0.61	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**3.7**	0.67	0.22	0.083	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	0.096	0.29	0.096	0.040	**U**
106-93-4	1,2-Dibromoethane	**0.076**	0.33	0.11	0.039	**J**
127-18-4	Tetrachloroethene	**0.12**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**1.3**	0.58	0.19	0.083	
179601-23-1	m,p-Xylenes	**39**	1.1	0.38	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	**28**	0.59	0.19	0.086	
108-67-8	1,3,5-Trimethylbenzene	**11**	0.52	0.17	0.076	
95-63-6	1,2,4-Trimethylbenzene	**14**	0.51	0.17	0.073	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	**0.34**	0.48	0.29	0.12	**J**
1330-20-7	Xylenes, Total	**67**	1.1	0.38	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01098

Initial Pressure (psig): -3.39 Final Pressure (psig): 8.60

Container Dilution Factor: 2.06

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.49**		1.6	0.96	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.40**		0.54	0.33	0.091	**J**
74-87-3	Chloromethane	**0.26**		1.3	0.80	0.21	**J**
75-01-4	Vinyl Chloride		0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene		0.75	1.2	0.75	0.20	**U**
75-00-3	Chloroethane		0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**5.6**		14	2.3	1.0	**J**
67-64-1	Acetone	**5.4**		11	5.9	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.20**		0.47	0.29	0.074	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.98**		2.1	1.3	0.46	**J**
75-09-2	Methylene Chloride		0.47	0.77	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.18**		0.36	0.11	0.051	**J**
75-15-0	Carbon Disulfide	**1.2**		1.7	0.89	0.26	**J**
75-34-3	1,1-Dichloroethane		0.42	0.69	0.42	0.099	**U**
78-93-3	2-Butanone (MEK)	**0.93**		1.7	0.56	0.19	**J**
141-78-6	Ethyl Acetate	**1.0**		1.4	0.93	0.40	**J**
110-54-3	n-Hexane		0.47	0.76	0.47	0.16	**U**
67-66-3	Chloroform	**0.20**		0.56	0.18	0.075	**J**
109-99-9	Tetrahydrofuran (THF)	**4.9**		1.7	0.30	0.12	
107-06-2	1,2-Dichloroethane		0.22	0.66	0.22	0.075	**U**
71-43-2	Benzene	**0.17**		0.84	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.11**		0.42	0.14	0.061	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01098

Initial Pressure (psig): -3.39 Final Pressure (psig): 8.60

Container Dilution Factor: 2.06

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.51	1.5	0.51	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.40	0.13	0.059	**U**
79-01-6	Trichloroethene	**97**	0.49	0.16	0.069	
123-91-1	1,4-Dioxane	0.24	0.74	0.24	0.090	**U**
142-82-5	n-Heptane	**0.50**	0.65	0.40	0.11	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.3	0.21	0.092	**U**
108-88-3	Toluene	**1.4**	0.71	0.23	0.089	
591-78-6	2-Hexanone	0.21	1.3	0.21	0.083	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.35	0.11	0.042	**U**
127-18-4	Tetrachloroethene	**0.15**	0.40	0.13	0.052	**J**
100-41-4	Ethylbenzene	**0.46**	0.62	0.20	0.089	**J**
179601-23-1	m,p-Xylenes	**13**	1.2	0.40	0.17	
75-25-2	Bromoform	0.16	0.26	0.16	0.055	**U**
100-42-5	Styrene	0.39	0.63	0.39	0.10	**U**
95-47-6	o-Xylene	**9.7**	0.63	0.20	0.091	
108-67-8	1,3,5-Trimethylbenzene	**4.0**	0.56	0.18	0.081	
95-63-6	1,2,4-Trimethylbenzene	**5.5**	0.54	0.18	0.078	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.69	0.22	0.090	**U**
91-20-3	Naphthalene	0.30	0.51	0.30	0.13	**U**
1330-20-7	Xylenes, Total	**23**	1.2	0.40	0.17	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00262

Initial Pressure (psig): -3.14 Final Pressure (psig): 8.30

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.51**	1.5	0.93	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.36**	0.52	0.32	0.088	**J**
74-87-3	Chloromethane	**0.31**	1.3	0.77	0.21	**J**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**3.0**	14	2.2	0.98	**J**
67-64-1	Acetone	**11**	11	5.7	2.5	
75-69-4	Trichlorofluoromethane	**0.17**	0.45	0.28	0.072	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.43**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**3.2**	1.6	0.86	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.66	0.41	0.096	**U**
78-93-3	2-Butanone (MEK)	**4.9**	1.7	0.54	0.19	
141-78-6	Ethyl Acetate	0.90	1.4	0.90	0.39	**U**
110-54-3	n-Hexane	0.45	0.73	0.45	0.16	**U**
67-66-3	Chloroform	**0.52**	0.54	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**4.7**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.073	**U**
71-43-2	Benzene	**0.12**	0.81	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.37**	0.40	0.13	0.059	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00262

Initial Pressure (psig): -3.14 Final Pressure (psig): 8.30

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.057	**U**
79-01-6	Trichloroethene	**460**	4.7	1.6	0.67	**D**
123-91-1	1,4-Dioxane	0.23	0.72	0.23	0.087	**U**
142-82-5	n-Heptane	0.39	0.63	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.089	**U**
108-88-3	Toluene	**0.29**	0.69	0.22	0.086	**J**
591-78-6	2-Hexanone	**0.24**	1.2	0.21	0.080	**J**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.48**	0.38	0.12	0.051	
100-41-4	Ethylbenzene	0.19	0.60	0.19	0.086	**U**
179601-23-1	m,p-Xylenes	**0.99**	1.1	0.39	0.16	**J**
75-25-2	Bromoform	0.15	0.26	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.61	0.37	0.10	**U**
95-47-6	o-Xylene	**0.64**	0.61	0.19	0.088	
108-67-8	1,3,5-Trimethylbenzene	**0.27**	0.54	0.17	0.078	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.37**	0.53	0.17	0.075	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**1.6**	1.1	0.39	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00130

Initial Pressure (psig): -3.16 Final Pressure (psig): 6.27
Initial Pressure 2 (psig): -0.06 Final Pressure 2 (psig): 5.10

Container Dilution Factor: 2.46

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.4**	1.9	1.1	0.46	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.27**	0.65	0.40	0.11	**J**
74-87-3	Chloromethane	**0.28**	1.5	0.95	0.26	**J**
75-01-4	Vinyl Chloride	0.41	1.3	0.41	0.14	**U**
106-99-0	1,3-Butadiene	0.89	1.4	0.89	0.24	**U**
75-00-3	Chloroethane	0.75	1.2	0.75	0.15	**U**
64-17-5	Ethanol	**21**	17	2.7	1.2	
67-64-1	Acetone	**12**	13	7.0	3.1	**J**
75-69-4	Trichlorofluoromethane	**0.13**	0.56	0.35	0.089	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	2.5	1.6	0.55	
75-09-2	Methylene Chloride	**0.51**	0.92	0.57	0.27	**J**
76-13-1	Trichlorotrifluoroethane	**0.17**	0.43	0.14	0.061	**J**
75-15-0	Carbon Disulfide	**2.3**	2.0	1.1	0.32	
75-34-3	1,1-Dichloroethane	0.50	0.82	0.50	0.12	**U**
78-93-3	2-Butanone (MEK)	**1.5**	2.1	0.67	0.23	**J**
141-78-6	Ethyl Acetate	**4.5**	1.7	1.1	0.48	
110-54-3	n-Hexane	**0.20**	0.91	0.56	0.19	**J**
67-66-3	Chloroform	**0.33**	0.67	0.21	0.089	**J**
109-99-9	Tetrahydrofuran (THF)	**1.1**	2.1	0.35	0.14	**J**
107-06-2	1,2-Dichloroethane	0.26	0.79	0.26	0.090	**U**
71-43-2	Benzene	**0.50**	1.0	0.33	0.15	**J**
56-23-5	Carbon Tetrachloride	**0.13**	0.50	0.17	0.072	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00130

Initial Pressure (psig): -3.16 Final Pressure (psig): 6.27
Initial Pressure 2 (psig): -0.06 Final Pressure 2 (psig): 5.10

Container Dilution Factor: 2.46

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.27**	1.8	0.61	0.27	**J**
75-27-4	Bromodichloromethane	0.16	0.48	0.16	0.071	**U**
79-01-6	Trichloroethene	**89**	0.58	0.19	0.082	
123-91-1	1,4-Dioxane	0.29	0.89	0.29	0.11	**U**
142-82-5	n-Heptane	**0.86**	0.78	0.48	0.13	
108-10-1	4-Methyl-2-pentanone	0.26	1.5	0.26	0.11	**U**
108-88-3	Toluene	**1.8**	0.85	0.28	0.11	
591-78-6	2-Hexanone	**0.32**	1.5	0.26	0.099	**J**
124-48-1	Dibromochloromethane	0.12	0.38	0.12	0.051	**U**
106-93-4	1,2-Dibromoethane	0.14	0.42	0.14	0.050	**U**
127-18-4	Tetrachloroethene	**0.16**	0.47	0.15	0.063	**J**
100-41-4	Ethylbenzene	**0.17**	0.74	0.24	0.11	**J**
179601-23-1	m,p-Xylenes	**2.3**	1.4	0.48	0.20	
75-25-2	Bromoform	0.19	0.32	0.19	0.065	**U**
100-42-5	Styrene	0.46	0.75	0.46	0.12	**U**
95-47-6	o-Xylene	**1.1**	0.75	0.24	0.11	
108-67-8	1,3,5-Trimethylbenzene	**0.26**	0.66	0.21	0.096	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.38**	0.65	0.21	0.093	**J**
120-82-1	1,2,4-Trichlorobenzene	0.27	0.83	0.27	0.11	**U**
91-20-3	Naphthalene	0.36	0.61	0.36	0.15	**U**
1330-20-7	Xylenes, Total	**3.3**	1.4	0.48	0.20	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS00074

Initial Pressure (psig): -3.07 Final Pressure (psig): 8.27

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.40**	1.5	0.92	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.23**	0.52	0.32	0.087	**J**
74-87-3	Chloromethane	0.77	1.2	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**13**	14	2.2	0.97	**J**
67-64-1	Acetone	**4.6**	11	5.6	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.11**	0.45	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.44	**U**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.21**	0.34	0.11	0.049	**J**
75-15-0	Carbon Disulfide	**6.0**	1.6	0.86	0.25	
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.52**	1.7	0.54	0.18	**J**
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	0.45	0.73	0.45	0.15	**U**
67-66-3	Chloroform	**0.44**	0.54	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**0.96**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.072	**U**
71-43-2	Benzene	**0.18**	0.81	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.17**	0.40	0.13	0.058	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS00074

Initial Pressure (psig): -3.07 Final Pressure (psig): 8.27

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	**110**	38	13	5.3	**D**
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.087	**U**
142-82-5	n-Heptane	0.39	0.63	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.088	**U**
108-88-3	Toluene	**0.46**	0.68	0.22	0.085	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.080	**U**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.25**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	0.19	0.59	0.19	0.086	**U**
179601-23-1	m,p-Xylenes	**1.1**	1.1	0.39	0.16	**J**
75-25-2	Bromoform	0.15	0.25	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	**0.71**	0.60	0.19	0.088	
108-67-8	1,3,5-Trimethylbenzene	**0.23**	0.53	0.17	0.078	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.37**	0.52	0.17	0.075	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**1.8**	1.1	0.39	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00153

Initial Pressure (psig): -2.94 Final Pressure (psig): 9.17

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.55**	1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.11**	0.53	0.33	0.089	**J**
74-87-3	Chloromethane	**0.27**	1.3	0.79	0.21	**J**
75-01-4	Vinyl Chloride	0.34	1.1	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.62	1.0	0.62	0.13	**U**
64-17-5	Ethanol	**3.3**	14	2.2	1.0	**J**
67-64-1	Acetone	**9.5**	11	5.8	2.6	**J**
75-69-4	Trichlorofluoromethane	**0.078**	0.46	0.29	0.073	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.1	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**0.061**	0.35	0.11	0.050	**J**
75-15-0	Carbon Disulfide	**2.7**	1.6	0.88	0.26	
75-34-3	1,1-Dichloroethane	0.41	0.68	0.41	0.098	**U**
78-93-3	2-Butanone (MEK)	**1.1**	1.7	0.55	0.19	**J**
141-78-6	Ethyl Acetate	0.92	1.4	0.92	0.39	**U**
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	0.18	0.55	0.18	0.074	**U**
109-99-9	Tetrahydrofuran (THF)	**2.8**	1.7	0.29	0.12	
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**0.19**	0.83	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.095**	0.41	0.14	0.060	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00153

Initial Pressure (psig): -2.94 Final Pressure (psig): 9.17

Container Dilution Factor: 2.03

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	**9.4**	0.48	0.16	0.068	
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.089	**U**
142-82-5	n-Heptane	0.40	0.64	0.40	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.29**	0.70	0.23	0.088	**J**
591-78-6	2-Hexanone	**0.14**	1.2	0.21	0.082	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	0.13	0.39	0.13	0.052	**U**
100-41-4	Ethylbenzene	0.20	0.61	0.20	0.088	**U**
179601-23-1	m,p-Xylenes	**0.60**	1.2	0.40	0.16	**J**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**0.33**	0.62	0.20	0.090	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.11**	0.55	0.18	0.080	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.19**	0.54	0.18	0.076	**J**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.089	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	**0.93**	1.2	0.40	0.16	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00270

Initial Pressure (psig): -2.58 Final Pressure (psig): 7.49

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.3**	1.4	0.85	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.16**	0.48	0.30	0.081	**J**
74-87-3	Chloromethane	**12**	1.2	0.71	0.19	
75-01-4	Vinyl Chloride	**1.8**	0.95	0.30	0.10	
106-99-0	1,3-Butadiene	**0.43**	1.1	0.66	0.18	**J**
75-00-3	Chloroethane	**2.2**	0.90	0.56	0.11	
64-17-5	Ethanol	**8.3**	13	2.0	0.90	**J**
67-64-1	Acetone	**21**	10	5.2	2.3	
75-69-4	Trichlorofluoromethane	**0.091**	0.42	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	**0.33**	0.69	0.42	0.20	**J**
76-13-1	Trichlorotrifluoroethane	**0.090**	0.32	0.10	0.045	**J**
75-15-0	Carbon Disulfide	**18**	1.5	0.79	0.24	
75-34-3	1,1-Dichloroethane	**0.24**	0.61	0.37	0.088	**J**
78-93-3	2-Butanone (MEK)	**3.4**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	**1.6**	1.3	0.83	0.36	
110-54-3	n-Hexane	**0.27**	0.68	0.42	0.14	**J**
67-66-3	Chloroform	**0.21**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**12**	1.6	0.26	0.10	
107-06-2	1,2-Dichloroethane	**0.77**	0.59	0.19	0.067	
71-43-2	Benzene	**0.50**	0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.10**	0.37	0.12	0.054	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00270

Initial Pressure (psig): -2.58 Final Pressure (psig): 7.49

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**38**	0.43	0.14	0.061	
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**0.75**	0.58	0.36	0.095	
108-10-1	4-Methyl-2-pentanone	**1.0**	1.1	0.19	0.082	**J**
108-88-3	Toluene	**1.0**	0.63	0.21	0.079	
591-78-6	2-Hexanone	**0.45**	1.1	0.19	0.074	**J**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.078**	0.35	0.11	0.047	**J**
100-41-4	Ethylbenzene	**0.25**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**1.3**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	**0.53**	0.56	0.18	0.081	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.13**	0.49	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.20**	0.48	0.16	0.069	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**1.8**	1.1	0.36	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -1.69 Final Pressure (psig): 7.96

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.82**	1.3	0.81	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.50**	0.46	0.28	0.077	
74-87-3	Chloromethane	**0.21**	1.1	0.67	0.18	**J**
75-01-4	Vinyl Chloride	0.29	0.90	0.29	0.097	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.53	0.86	0.53	0.11	**U**
64-17-5	Ethanol	**14**	12	1.9	0.85	
67-64-1	Acetone	**11**	9.5	4.9	2.2	
75-69-4	Trichlorofluoromethane	**0.21**	0.39	0.25	0.063	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.1**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	**0.59**	0.65	0.40	0.19	**J**
76-13-1	Trichlorotrifluoroethane	**0.060**	0.30	0.097	0.043	**J**
75-15-0	Carbon Disulfide	**0.44**	1.4	0.75	0.22	**J**
75-34-3	1,1-Dichloroethane	0.35	0.58	0.35	0.084	**U**
78-93-3	2-Butanone (MEK)	**1.5**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	**12**	1.2	0.78	0.34	
110-54-3	n-Hexane	**0.31**	0.64	0.40	0.14	**J**
67-66-3	Chloroform	**0.11**	0.47	0.15	0.063	**J**
109-99-9	Tetrahydrofuran (THF)	0.25	1.5	0.25	0.099	**U**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.063	**U**
71-43-2	Benzene	**0.28**	0.71	0.23	0.10	**J**
56-23-5	Carbon Tetrachloride	0.12	0.35	0.12	0.051	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -1.69 Final Pressure (psig): 7.96

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.43	1.3	0.43	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	0.14	0.41	0.14	0.058	**U**
123-91-1	1,4-Dioxane	0.21	0.63	0.21	0.076	**U**
142-82-5	n-Heptane	**0.13**	0.55	0.34	0.090	**J**
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**1.2**	0.60	0.20	0.075	
591-78-6	2-Hexanone	**0.21**	1.1	0.18	0.070	**J**
124-48-1	Dibromochloromethane	0.087	0.27	0.087	0.036	**U**
106-93-4	1,2-Dibromoethane	0.096	0.29	0.096	0.035	**U**
127-18-4	Tetrachloroethene	0.11	0.33	0.11	0.044	**U**
100-41-4	Ethylbenzene	**0.11**	0.52	0.17	0.075	**J**
179601-23-1	m,p-Xylenes	**0.48**	1.0	0.34	0.14	**J**
75-25-2	Bromoform	0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.088	**U**
95-47-6	o-Xylene	**0.20**	0.53	0.17	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	0.15	0.47	0.15	0.068	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.14**	0.46	0.15	0.066	**J**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.076	**U**
91-20-3	Naphthalene	0.26	0.43	0.26	0.11	**U**
1330-20-7	Xylenes, Total	**0.68**	1.0	0.34	0.14	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01286

Initial Pressure (psig): -3.50 Final Pressure (psig): 7.03

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.90	1.5	0.90	0.37	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**	0.51	0.31	0.085	
74-87-3	Chloromethane	0.75	1.2	0.75	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.96	0.59	0.12	**U**
64-17-5	Ethanol	**2.3**	14	2.1	0.95	**J**
67-64-1	Acetone	**3.7**	11	5.5	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.21**	0.44	0.28	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	2.0	1.2	0.43	**U**
75-09-2	Methylene Chloride	0.45	0.73	0.45	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.064**	0.34	0.11	0.048	**J**
75-15-0	Carbon Disulfide	**0.43**	1.6	0.84	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.65	0.40	0.094	**U**
78-93-3	2-Butanone (MEK)	**0.43**	1.6	0.53	0.18	**J**
141-78-6	Ethyl Acetate	0.88	1.3	0.88	0.38	**U**
110-54-3	n-Hexane	0.44	0.72	0.44	0.15	**U**
67-66-3	Chloroform	**0.076**	0.53	0.17	0.071	**J**
109-99-9	Tetrahydrofuran (THF)	**0.43**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.071	**U**
71-43-2	Benzene	**0.20**	0.79	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	0.13	0.39	0.13	0.057	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01286

Initial Pressure (psig): -3.50 Final Pressure (psig): 7.03

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.38	0.12	0.056	**U**
79-01-6	Trichloroethene	**0.076**	0.46	0.15	0.065	**J**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.085	**U**
142-82-5	n-Heptane	0.38	0.62	0.38	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**0.23**	0.67	0.22	0.084	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	0.097	0.30	0.097	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	0.12	0.37	0.12	0.049	**U**
100-41-4	Ethylbenzene	0.19	0.58	0.19	0.084	**U**
179601-23-1	m,p-Xylenes	0.38	1.1	0.38	0.16	**U**
75-25-2	Bromoform	0.15	0.25	0.15	0.052	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.098	**U**
95-47-6	o-Xylene	0.19	0.59	0.19	0.086	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.52	0.17	0.076	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.51	0.17	0.073	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	0.29	0.48	0.29	0.12	**U**
1330-20-7	Xylenes, Total	0.38	1.1	0.38	0.16	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00361

Initial Pressure (psig): -2.02 Final Pressure (psig): 9.74

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	1.5	0.90	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.64**	0.51	0.31	0.085	
74-87-3	Chloromethane	**0.22**	1.2	0.75	0.20	**J**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**22**	14	2.1	0.95	
67-64-1	Acetone	**9.3**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.44	0.27	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.5**	2.0	1.2	0.43	
75-09-2	Methylene Chloride	**1.3**	0.72	0.44	0.21	
76-13-1	Trichlorotrifluoroethane	**0.061**	0.33	0.11	0.048	**J**
75-15-0	Carbon Disulfide	**17**	1.6	0.84	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**1.7**	1.6	0.52	0.18	
141-78-6	Ethyl Acetate	**16**	1.3	0.87	0.38	
110-54-3	n-Hexane	**0.49**	0.71	0.44	0.15	**J**
67-66-3	Chloroform	**0.084**	0.52	0.17	0.070	**J**
109-99-9	Tetrahydrofuran (THF)	0.28	1.6	0.28	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	**0.35**	0.79	0.26	0.12	**J**
56-23-5	Carbon Tetrachloride	0.13	0.39	0.13	0.057	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00361

Initial Pressure (psig): -2.02 Final Pressure (psig): 9.74

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.21**		1.4	0.48	0.21	**J**
75-27-4	Bromodichloromethane		0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**0.13**		0.46	0.15	0.065	**J**
123-91-1	1,4-Dioxane		0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	**0.16**		0.61	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone		0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**1.5**		0.67	0.22	0.083	
591-78-6	2-Hexanone	**0.11**		1.2	0.20	0.078	**J**
124-48-1	Dibromochloromethane		0.096	0.29	0.096	0.040	**U**
106-93-4	1,2-Dibromoethane		0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.067**		0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.11**		0.58	0.19	0.083	**J**
179601-23-1	m,p-Xylenes	**0.38**		1.1	0.38	0.16	**J**
75-25-2	Bromoform		0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene		0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	**0.16**		0.59	0.19	0.086	**J**
108-67-8	1,3,5-Trimethylbenzene		0.17	0.52	0.17	0.076	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.13**		0.51	0.17	0.073	**J**
120-82-1	1,2,4-Trichlorobenzene		0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene		0.29	0.48	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**0.55**		1.1	0.38	0.16	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00553

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.98

Container Dilution Factor: 1.70

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.88**		1.3	0.79	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.67**		0.45	0.28	0.075	
74-87-3	Chloromethane	**0.26**		1.1	0.66	0.18	**J**
75-01-4	Vinyl Chloride		0.28	0.88	0.28	0.095	**U**
106-99-0	1,3-Butadiene		0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane		0.52	0.84	0.52	0.11	**U**
64-17-5	Ethanol	**7.1**		12	1.9	0.83	**J**
67-64-1	Acetone	**11**		9.3	4.8	2.1	
75-69-4	Trichlorofluoromethane	**0.22**		0.39	0.24	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**		1.7	1.1	0.38	**J**
75-09-2	Methylene Chloride	**24**		0.64	0.39	0.18	
76-13-1	Trichlorotrifluoroethane	**0.069**		0.29	0.094	0.042	**J**
75-15-0	Carbon Disulfide	**0.91**		1.4	0.74	0.22	**J**
75-34-3	1,1-Dichloroethane		0.35	0.57	0.35	0.082	**U**
78-93-3	2-Butanone (MEK)	**1.6**		1.4	0.46	0.16	
141-78-6	Ethyl Acetate		0.77	1.2	0.77	0.33	**U**
110-54-3	n-Hexane	**0.58**		0.63	0.39	0.13	**J**
67-66-3	Chloroform		0.15	0.46	0.15	0.062	**U**
109-99-9	Tetrahydrofuran (THF)	**6.3**		1.4	0.25	0.097	
107-06-2	1,2-Dichloroethane		0.18	0.55	0.18	0.062	**U**
71-43-2	Benzene	**1.5**		0.69	0.23	0.10	
56-23-5	Carbon Tetrachloride		0.11	0.34	0.11	0.050	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00553

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.98

Container Dilution Factor: 1.70

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.63**		1.2	0.42	0.19	**J**
75-27-4	Bromodichloromethane		0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	**0.25**		0.40	0.13	0.057	**J**
123-91-1	1,4-Dioxane		0.20	0.61	0.20	0.074	**U**
142-82-5	n-Heptane	**0.18**		0.54	0.33	0.088	**J**
108-10-1	4-Methyl-2-pentanone	**0.076**		1.0	0.18	0.076	**J**
108-88-3	Toluene	**2.5**		0.59	0.19	0.073	
591-78-6	2-Hexanone	**0.18**		1.0	0.18	0.069	**J**
124-48-1	Dibromochloromethane		0.085	0.26	0.085	0.035	**U**
106-93-4	1,2-Dibromoethane		0.094	0.29	0.094	0.034	**U**
127-18-4	Tetrachloroethene	**0.046**		0.33	0.11	0.043	**J**
100-41-4	Ethylbenzene	**0.12**		0.51	0.17	0.073	**J**
179601-23-1	m,p-Xylenes	**0.93**		0.98	0.33	0.14	**J**
75-25-2	Bromoform		0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene		0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	**0.17**		0.52	0.17	0.075	**J**
108-67-8	1,3,5-Trimethylbenzene		0.15	0.46	0.15	0.067	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.16**		0.45	0.15	0.064	**J**
120-82-1	1,2,4-Trichlorobenzene		0.18	0.57	0.18	0.074	**U**
91-20-3	Naphthalene	**0.28**		0.42	0.25	0.11	**J**
1330-20-7	Xylenes, Total	**1.1**		0.98	0.33	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00041

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.89**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.62**	0.49	0.30	0.081	
74-87-3	Chloromethane	**0.24**	1.2	0.72	0.19	**J**
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**13**	13	2.0	0.91	**J**
67-64-1	Acetone	**5.6**	10	5.3	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.34**	0.42	0.26	0.067	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	1.9	1.2	0.41	
75-09-2	Methylene Chloride	0.43	0.69	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.056**	0.32	0.10	0.046	**J**
75-15-0	Carbon Disulfide	**0.76**	1.5	0.80	0.24	**J**
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	0.16	0.50	0.16	0.067	**U**
109-99-9	Tetrahydrofuran (THF)	**1.9**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.28**	0.75	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.13**	0.38	0.13	0.054	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00041

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.3	0.46	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**0.32**	0.44	0.15	0.062	**J**
123-91-1	1,4-Dioxane	**0.22**	0.67	0.22	0.081	**J**
142-82-5	n-Heptane	0.36	0.59	0.36	0.096	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.42**	0.64	0.21	0.080	**J**
591-78-6	2-Hexanone	**0.084**	1.1	0.19	0.075	**J**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.049**	0.35	0.12	0.047	**J**
100-41-4	Ethylbenzene	**0.095**	0.55	0.18	0.080	**J**
179601-23-1	m,p-Xylenes	**0.28**	1.1	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.093	**U**
95-47-6	o-Xylene	0.18	0.56	0.18	0.082	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.50	0.16	0.072	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.084**	0.49	0.16	0.070	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	0.27	0.46	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**0.28**	1.1	0.36	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0090 Liter(s)
Test Notes:
Container ID: 1SS00790

Initial Pressure (psig): -4.08 Final Pressure (psig): 7.70

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**79**	71	44	18	
75-71-8	Dichlorodifluoromethane (CFC 12)	15	25	15	4.1	**U**
74-87-3	Chloromethane	**28**	59	36	9.8	**J**
75-01-4	Vinyl Chloride	16	49	16	5.2	**U**
106-99-0	1,3-Butadiene	34	55	34	9.3	**U**
75-00-3	Chloroethane	28	46	28	5.9	**U**
64-17-5	Ethanol	**170**	660	100	46	**J**
67-64-1	Acetone	270	510	270	120	**U**
75-69-4	Trichlorofluoromethane	13	21	13	3.4	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**32**	95	60	21	**J**
75-09-2	Methylene Chloride	**12**	35	22	10	**J**
76-13-1	Trichlorotrifluoroethane	**24**	16	5.2	2.3	
75-15-0	Carbon Disulfide	**43**	75	41	12	**J**
75-34-3	1,1-Dichloroethane	19	31	19	4.5	**U**
78-93-3	2-Butanone (MEK)	**12**	80	25	8.7	**J**
141-78-6	Ethyl Acetate	42	65	42	18	**U**
110-54-3	n-Hexane	**510**	35	21	7.3	
67-66-3	Chloroform	8.2	25	8.2	3.4	**U**
109-99-9	Tetrahydrofuran (THF)	**26**	80	14	5.3	**J**
107-06-2	1,2-Dichloroethane	9.9	30	9.9	3.4	**U**
71-43-2	Benzene	**1,900**	38	12	5.7	
56-23-5	Carbon Tetrachloride	6.3	19	6.3	2.8	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0090 Liter(s)
Test Notes:
Container ID: 1SS00790

Initial Pressure (psig): -4.08 Final Pressure (psig): 7.70

Container Dilution Factor: 2.11

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,200**	68	23	10	
75-27-4	Bromodichloromethane	6.0	18	6.0	2.7	**U**
79-01-6	Trichloroethene	**9.0**	22	7.4	3.1	**J**
123-91-1	1,4-Dioxane	**32**	34	11	4.1	**J**
142-82-5	n-Heptane	**400**	30	18	4.9	
108-10-1	4-Methyl-2-pentanone	9.7	57	9.7	4.2	**U**
108-88-3	Toluene	**4,700**	32	11	4.0	
591-78-6	2-Hexanone	9.7	57	9.7	3.8	**U**
124-48-1	Dibromochloromethane	4.7	14	4.7	1.9	**U**
106-93-4	1,2-Dibromoethane	**69**	16	5.2	1.9	
127-18-4	Tetrachloroethene	**31**	18	5.9	2.4	
100-41-4	Ethylbenzene	**370**	28	9.2	4.0	
179601-23-1	m,p-Xylenes	**8,700**	54	18	7.6	
75-25-2	Bromoform	7.3	12	7.3	2.5	**U**
100-42-5	Styrene	18	29	18	4.7	**U**
95-47-6	o-Xylene	**5,000**	29	9.2	4.2	
108-67-8	1,3,5-Trimethylbenzene	**650**	25	8.1	3.7	
95-63-6	1,2,4-Trimethylbenzene	**640**	25	8.1	3.5	
120-82-1	1,2,4-Trichlorobenzene	10	32	10	4.1	**U**
91-20-3	Naphthalene	14	23	14	5.8	**U**
1330-20-7	Xylenes, Total	**14,000**	54	18	7.6	**E**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
E = Estimated; concentration exceeded calibration range.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01133

Initial Pressure (psig): -4.51 Final Pressure (psig): 7.42

Container Dilution Factor: 2.17

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.60**	1.6	1.0	0.41	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.46**	0.57	0.35	0.095	**J**
74-87-3	Chloromethane	0.84	1.4	0.84	0.23	**U**
75-01-4	Vinyl Chloride	0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene	0.79	1.3	0.79	0.22	**U**
75-00-3	Chloroethane	0.66	1.1	0.66	0.14	**U**
64-17-5	Ethanol	**2.2**	15	2.4	1.1	**J**
67-64-1	Acetone	6.2	12	6.2	2.7	**U**
75-69-4	Trichlorofluoromethane	**0.48**	0.49	0.31	0.078	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.2	1.4	0.49	**U**
75-09-2	Methylene Chloride	**0.30**	0.81	0.50	0.23	**J**
76-13-1	Trichlorotrifluoroethane	**4.3**	0.38	0.12	0.054	
75-15-0	Carbon Disulfide	0.94	1.7	0.94	0.28	**U**
75-34-3	1,1-Dichloroethane	0.44	0.72	0.44	0.10	**U**
78-93-3	2-Butanone (MEK)	**0.28**	1.8	0.59	0.20	**J**
141-78-6	Ethyl Acetate	0.98	1.5	0.98	0.42	**U**
110-54-3	n-Hexane	0.49	0.80	0.49	0.17	**U**
67-66-3	Chloroform	**0.53**	0.59	0.19	0.079	**J**
109-99-9	Tetrahydrofuran (THF)	**0.60**	1.8	0.31	0.12	**J**
107-06-2	1,2-Dichloroethane	0.23	0.70	0.23	0.079	**U**
71-43-2	Benzene	**0.19**	0.88	0.29	0.13	**J**
56-23-5	Carbon Tetrachloride	**2.2**	0.44	0.15	0.064	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01133

Initial Pressure (psig): -4.51 Final Pressure (psig): 7.42

Container Dilution Factor: 2.17

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.54	1.6	0.54	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.062	**U**
79-01-6	Trichloroethene	**0.098**	0.52	0.17	0.073	**J**
123-91-1	1,4-Dioxane	0.26	0.78	0.26	0.095	**U**
142-82-5	n-Heptane	0.42	0.69	0.42	0.11	**U**
108-10-1	4-Methyl-2-pentanone	0.23	1.3	0.23	0.097	**U**
108-88-3	Toluene	**0.49**	0.75	0.24	0.094	**J**
591-78-6	2-Hexanone	0.23	1.3	0.23	0.087	**U**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.045	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.044	**U**
127-18-4	Tetrachloroethene	**0.55**	0.42	0.14	0.055	
100-41-4	Ethylbenzene	0.21	0.65	0.21	0.094	**U**
179601-23-1	m,p-Xylenes	**0.98**	1.2	0.42	0.17	**J**
75-25-2	Bromoform	0.17	0.28	0.17	0.058	**U**
100-42-5	Styrene	0.41	0.66	0.41	0.11	**U**
95-47-6	o-Xylene	**0.53**	0.66	0.21	0.096	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.15**	0.59	0.19	0.085	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.29**	0.57	0.19	0.082	**J**
120-82-1	1,2,4-Trichlorobenzene	0.23	0.73	0.23	0.095	**U**
91-20-3	Naphthalene	**0.15**	0.54	0.32	0.13	**J**
1330-20-7	Xylenes, Total	**1.5**	1.2	0.42	0.17	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -4.36 Final Pressure (psig): 8.45

Container Dilution Factor: 2.24

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.0**	1.7	1.0	0.42	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.47**	0.59	0.36	0.099	**J**
74-87-3	Chloromethane	0.87	1.4	0.87	0.23	**U**
75-01-4	Vinyl Chloride	0.37	1.2	0.37	0.12	**U**
106-99-0	1,3-Butadiene	0.81	1.3	0.81	0.22	**U**
75-00-3	Chloroethane	0.68	1.1	0.68	0.14	**U**
64-17-5	Ethanol	**17**	16	2.5	1.1	
67-64-1	Acetone	**8.0**	12	6.4	2.8	**J**
75-69-4	Trichlorofluoromethane	**0.65**	0.51	0.32	0.081	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.2**	2.3	1.4	0.50	**J**
75-09-2	Methylene Chloride	**0.28**	0.84	0.52	0.24	**J**
76-13-1	Trichlorotrifluoroethane	**6.2**	0.39	0.12	0.056	
75-15-0	Carbon Disulfide	**2.0**	1.8	0.97	0.29	
75-34-3	1,1-Dichloroethane	0.46	0.75	0.46	0.11	**U**
78-93-3	2-Butanone (MEK)	**1.0**	1.9	0.61	0.21	**J**
141-78-6	Ethyl Acetate	**3.0**	1.6	1.0	0.44	
110-54-3	n-Hexane	**0.19**	0.83	0.51	0.17	**J**
67-66-3	Chloroform	**1.4**	0.61	0.20	0.081	
109-99-9	Tetrahydrofuran (THF)	**2.8**	1.9	0.32	0.13	
107-06-2	1,2-Dichloroethane	0.24	0.72	0.24	0.082	**U**
71-43-2	Benzene	**0.20**	0.91	0.30	0.14	**J**
56-23-5	Carbon Tetrachloride	**3.3**	0.45	0.15	0.066	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -4.36 Final Pressure (psig): 8.45

Container Dilution Factor: 2.24

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.54**	1.6	0.55	0.24	**J**
75-27-4	Bromodichloromethane	0.14	0.43	0.14	0.064	**U**
79-01-6	Trichloroethene	0.18	0.53	0.18	0.075	**U**
123-91-1	1,4-Dioxane	**0.18**	0.81	0.26	0.098	**J**
142-82-5	n-Heptane	**1.7**	0.71	0.44	0.12	
108-10-1	4-Methyl-2-pentanone	0.23	1.4	0.23	0.10	**U**
108-88-3	Toluene	**1.4**	0.77	0.25	0.097	
591-78-6	2-Hexanone	0.23	1.4	0.23	0.090	**U**
124-48-1	Dibromochloromethane	0.11	0.34	0.11	0.046	**U**
106-93-4	1,2-Dibromoethane	0.12	0.38	0.12	0.045	**U**
127-18-4	Tetrachloroethene	**0.073**	0.43	0.14	0.057	**J**
100-41-4	Ethylbenzene	0.22	0.67	0.22	0.097	**U**
179601-23-1	m,p-Xylenes	**0.61**	1.3	0.44	0.18	**J**
75-25-2	Bromoform	0.17	0.29	0.17	0.060	**U**
100-42-5	Styrene	**0.13**	0.68	0.42	0.11	**J**
95-47-6	o-Xylene	**0.27**	0.68	0.22	0.099	**J**
108-67-8	1,3,5-Trimethylbenzene	0.19	0.60	0.19	0.088	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.17**	0.59	0.19	0.084	**J**
120-82-1	1,2,4-Trichlorobenzene	0.24	0.75	0.24	0.098	**U**
91-20-3	Naphthalene	0.33	0.56	0.33	0.14	**U**
1330-20-7	Xylenes, Total	**0.88**	1.3	0.44	0.18	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00487

Initial Pressure (psig): -2.98 Final Pressure (psig): 6.30

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.40**	1.4	0.83	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.48**	0.47	0.29	0.079	
74-87-3	Chloromethane	0.69	1.1	0.69	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.93	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.54	0.88	0.54	0.11	**U**
64-17-5	Ethanol	**3.6**	13	2.0	0.88	**J**
67-64-1	Acetone	**8.0**	9.8	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.73**	0.41	0.25	0.065	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.40	**U**
75-09-2	Methylene Chloride	**1.1**	0.67	0.41	0.19	
76-13-1	Trichlorotrifluoroethane	**6.9**	0.31	0.099	0.044	
75-15-0	Carbon Disulfide	**2.1**	1.4	0.78	0.23	
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.086	**U**
78-93-3	2-Butanone (MEK)	**1.1**	1.5	0.49	0.17	**J**
141-78-6	Ethyl Acetate	**0.67**	1.2	0.81	0.35	**J**
110-54-3	n-Hexane	0.41	0.66	0.41	0.14	**U**
67-66-3	Chloroform	**1.6**	0.49	0.16	0.065	
109-99-9	Tetrahydrofuran (THF)	**3.4**	1.5	0.26	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.065	**U**
71-43-2	Benzene	**0.15**	0.73	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**3.6**	0.36	0.12	0.053	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00487

Initial Pressure (psig): -2.98 Final Pressure (psig): 6.30

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.44	1.3	0.44	0.20	**U**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.051	**U**
79-01-6	Trichloroethene	**0.11**	0.42	0.14	0.060	**J**
123-91-1	1,4-Dioxane	**0.25**	0.65	0.21	0.078	**J**
142-82-5	n-Heptane	0.35	0.57	0.35	0.093	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.080	**U**
108-88-3	Toluene	**0.41**	0.62	0.20	0.077	**J**
591-78-6	2-Hexanone	**0.092**	1.1	0.19	0.072	**J**
124-48-1	Dibromochloromethane	0.089	0.27	0.089	0.037	**U**
106-93-4	1,2-Dibromoethane	0.099	0.30	0.099	0.036	**U**
127-18-4	Tetrachloroethene	**0.069**	0.34	0.11	0.046	**J**
100-41-4	Ethylbenzene	0.18	0.54	0.18	0.077	**U**
179601-23-1	m,p-Xylenes	**0.72**	1.0	0.35	0.14	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.090	**U**
95-47-6	o-Xylene	**0.35**	0.55	0.18	0.079	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.072**	0.48	0.15	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.14**	0.47	0.15	0.067	**J**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	0.26	0.44	0.26	0.11	**U**
1330-20-7	Xylenes, Total	**1.1**	1.0	0.35	0.14	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00703

Initial Pressure (psig): -3.61 Final Pressure (psig): 8.01

Container Dilution Factor: 2.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**23**	12	7.6	3.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.1**	4.3	2.7	0.72	**J**
74-87-3	Chloromethane	6.4	10	6.4	1.7	**U**
75-01-4	Vinyl Chloride	2.7	8.5	2.7	0.91	**U**
106-99-0	1,3-Butadiene	5.9	9.6	5.9	1.6	**U**
75-00-3	Chloroethane	5.0	8.1	5.0	1.0	**U**
64-17-5	Ethanol	18	120	18	8.1	**U**
67-64-1	Acetone	47	90	47	21	**U**
75-69-4	Trichlorofluoromethane	**6.3**	3.7	2.3	0.59	
67-63-0	2-Propanol (Isopropyl Alcohol)	11	17	11	3.7	**U**
75-09-2	Methylene Chloride	3.8	6.1	3.8	1.8	**U**
76-13-1	Trichlorotrifluoroethane	**85**	2.8	0.91	0.41	
75-15-0	Carbon Disulfide	7.1	13	7.1	2.1	**U**
75-34-3	1,1-Dichloroethane	3.3	5.5	3.3	0.79	**U**
78-93-3	2-Butanone (MEK)	4.5	14	4.5	1.5	**U**
141-78-6	Ethyl Acetate	7.4	11	7.4	3.2	**U**
110-54-3	n-Hexane	**260**	6.1	3.7	1.3	
67-66-3	Chloroform	**39**	4.5	1.4	0.60	
109-99-9	Tetrahydrofuran (THF)	**6.4**	14	2.4	0.93	**J**
107-06-2	1,2-Dichloroethane	1.7	5.3	1.7	0.60	**U**
71-43-2	Benzene	**1.1**	6.7	2.2	0.99	**J**
56-23-5	Carbon Tetrachloride	**36**	3.3	1.1	0.48	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00703

Initial Pressure (psig): -3.61 Final Pressure (psig): 8.01

Container Dilution Factor: 2.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**360**	12	4.1	1.8	
75-27-4	Bromodichloromethane	1.0	3.2	1.0	0.47	**U**
79-01-6	Trichloroethene	1.3	3.9	1.3	0.55	**U**
123-91-1	1,4-Dioxane	1.9	5.9	1.9	0.72	**U**
142-82-5	n-Heptane	**39**	5.2	3.2	0.85	
108-10-1	4-Methyl-2-pentanone	1.7	10	1.7	0.73	**U**
108-88-3	Toluene	1.9	5.7	1.9	0.71	**U**
591-78-6	2-Hexanone	1.7	10	1.7	0.66	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.91	2.8	0.91	0.33	**U**
127-18-4	Tetrachloroethene	1.0	3.1	1.0	0.42	**U**
100-41-4	Ethylbenzene	1.6	4.9	1.6	0.71	**U**
179601-23-1	m,p-Xylenes	3.2	9.4	3.2	1.3	**U**
75-25-2	Bromoform	1.3	2.1	1.3	0.44	**U**
100-42-5	Styrene	3.1	5.0	3.1	0.83	**U**
95-47-6	o-Xylene	1.6	5.0	1.6	0.73	**U**
108-67-8	1,3,5-Trimethylbenzene	1.4	4.4	1.4	0.64	**U**
95-63-6	1,2,4-Trimethylbenzene	1.4	4.3	1.4	0.62	**U**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.5	1.8	0.72	**U**
91-20-3	Naphthalene	2.4	4.1	2.4	1.0	**U**
1330-20-7	Xylenes, Total	3.2	9.4	3.2	1.3	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01136

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.86

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.81	1.3	0.81	0.33	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.58**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.53	0.86	0.53	0.11	**U**
64-17-5	Ethanol	**6.0**	12	1.9	0.86	**J**
67-64-1	Acetone	5.0	9.6	5.0	2.2	**U**
75-69-4	Trichlorofluoromethane	**9.5**	0.40	0.25	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.43**	1.8	1.1	0.39	**J**
75-09-2	Methylene Chloride	0.40	0.66	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**65**	3.0	0.97	0.43	**D**
75-15-0	Carbon Disulfide	**0.76**	1.4	0.76	0.22	**J**
75-34-3	1,1-Dichloroethane	0.36	0.58	0.36	0.084	**U**
78-93-3	2-Butanone (MEK)	**1.1**	1.5	0.47	0.16	**J**
141-78-6	Ethyl Acetate	**0.65**	1.2	0.79	0.34	**J**
110-54-3	n-Hexane	**1.2**	0.65	0.40	0.14	
67-66-3	Chloroform	**110**	4.8	1.5	0.64	**D**
109-99-9	Tetrahydrofuran (THF)	**1.1**	1.5	0.25	0.099	**J**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.064	**U**
71-43-2	Benzene	**21**	0.71	0.23	0.11	
56-23-5	Carbon Tetrachloride	**20**	0.35	0.12	0.051	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01136

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.86

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**13**	1.3	0.43	0.19	
75-27-4	Bromodichloromethane	**1.6**	0.34	0.11	0.050	
79-01-6	Trichloroethene	**0.65**	0.42	0.14	0.059	
123-91-1	1,4-Dioxane	0.21	0.63	0.21	0.077	**U**
142-82-5	n-Heptane	**1.2**	0.56	0.34	0.091	
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**8.1**	0.60	0.20	0.075	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.071	**U**
124-48-1	Dibromochloromethane	0.087	0.27	0.087	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.035	**U**
127-18-4	Tetrachloroethene	**0.46**	0.34	0.11	0.045	
100-41-4	Ethylbenzene	**0.11**	0.52	0.17	0.076	**J**
179601-23-1	m,p-Xylenes	**0.48**	1.0	0.34	0.14	**J**
75-25-2	Bromoform	0.14	0.22	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.088	**U**
95-47-6	o-Xylene	**0.32**	0.53	0.17	0.078	**J**
108-67-8	1,3,5-Trimethylbenzene	0.15	0.47	0.15	0.069	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.12**	0.46	0.15	0.066	**J**
120-82-1	1,2,4-Trichlorobenzene	**0.078**	0.59	0.19	0.077	**J**
91-20-3	Naphthalene	**0.16**	0.43	0.26	0.11	**J**
1330-20-7	Xylenes, Total	**0.80**	1.0	0.34	0.14	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00670

Initial Pressure (psig): -3.41 Final Pressure (psig): 11.61

Container Dilution Factor: 2.33

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.4**	1.8	1.1	0.44	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.30**	0.61	0.38	0.10	**J**
74-87-3	Chloromethane	**24**	1.5	0.90	0.24	
75-01-4	Vinyl Chloride	**2.6**	1.2	0.39	0.13	
106-99-0	1,3-Butadiene	**0.54**	1.4	0.84	0.23	**J**
75-00-3	Chloroethane	**3.2**	1.1	0.71	0.15	
64-17-5	Ethanol	**7.8**	16	2.6	1.1	**J**
67-64-1	Acetone	**27**	13	6.6	2.9	
75-69-4	Trichlorofluoromethane	**1.6**	0.53	0.33	0.084	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.95**	2.4	1.5	0.52	**J**
75-09-2	Methylene Chloride	0.54	0.87	0.54	0.25	**U**
76-13-1	Trichlorotrifluoroethane	**15**	0.40	0.13	0.058	
75-15-0	Carbon Disulfide	**20**	1.9	1.0	0.30	
75-34-3	1,1-Dichloroethane	**0.15**	0.78	0.48	0.11	**J**
78-93-3	2-Butanone (MEK)	**3.5**	2.0	0.63	0.22	
141-78-6	Ethyl Acetate	1.1	1.6	1.1	0.45	**U**
110-54-3	n-Hexane	**0.36**	0.86	0.53	0.18	**J**
67-66-3	Chloroform	**10**	0.63	0.20	0.085	
109-99-9	Tetrahydrofuran (THF)	**8.0**	2.0	0.34	0.13	
107-06-2	1,2-Dichloroethane	**1.0**	0.75	0.24	0.085	
71-43-2	Benzene	**0.73**	0.95	0.31	0.14	**J**
56-23-5	Carbon Tetrachloride	**15**	0.47	0.16	0.069	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00670

Initial Pressure (psig): -3.41 Final Pressure (psig): 11.61

Container Dilution Factor: 2.33

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.58	1.7	0.58	0.25	**U**
75-27-4	Bromodichloromethane	**0.64**	0.45	0.15	0.067	
79-01-6	Trichloroethene	**2.3**	0.55	0.18	0.078	
123-91-1	1,4-Dioxane	0.27	0.84	0.27	0.10	**U**
142-82-5	n-Heptane	**0.32**	0.74	0.46	0.12	**J**
108-10-1	4-Methyl-2-pentanone	**0.16**	1.4	0.24	0.10	**J**
108-88-3	Toluene	**0.68**	0.80	0.26	0.10	**J**
591-78-6	2-Hexanone	**0.43**	1.4	0.24	0.094	**J**
124-48-1	Dibromochloromethane	**0.052**	0.36	0.12	0.048	**J**
106-93-4	1,2-Dibromoethane	0.13	0.39	0.13	0.047	**U**
127-18-4	Tetrachloroethene	**0.70**	0.45	0.15	0.059	
100-41-4	Ethylbenzene	**0.81**	0.70	0.23	0.10	
179601-23-1	m,p-Xylenes	**2.9**	1.3	0.46	0.19	
75-25-2	Bromoform	0.18	0.30	0.18	0.062	**U**
100-42-5	Styrene	0.44	0.71	0.44	0.12	**U**
95-47-6	o-Xylene	**0.67**	0.71	0.23	0.10	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.091**	0.63	0.20	0.091	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.11**	0.62	0.20	0.088	**J**
120-82-1	1,2,4-Trichlorobenzene	0.25	0.79	0.25	0.10	**U**
91-20-3	Naphthalene	0.34	0.58	0.34	0.14	**U**
1330-20-7	Xylenes, Total	**3.6**	1.3	0.46	0.19	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.99

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.36**	1.3	0.80	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.44**	0.45	0.28	0.075	**J**
74-87-3	Chloromethane	**0.22**	1.1	0.66	0.18	**J**
75-01-4	Vinyl Chloride	0.28	0.89	0.28	0.095	**U**
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.84	0.52	0.11	**U**
64-17-5	Ethanol	**2.3**	12	1.9	0.84	**J**
67-64-1	Acetone	**9.2**	9.4	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.20**	0.39	0.24	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.7	1.1	0.38	**U**
75-09-2	Methylene Chloride	0.39	0.64	0.39	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**0.074**	0.30	0.095	0.042	**J**
75-15-0	Carbon Disulfide	**0.43**	1.4	0.74	0.22	**J**
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.082	**U**
78-93-3	2-Butanone (MEK)	**1.3**	1.5	0.46	0.16	**J**
141-78-6	Ethyl Acetate	0.77	1.2	0.77	0.33	**U**
110-54-3	n-Hexane	0.39	0.63	0.39	0.13	**U**
67-66-3	Chloroform	**0.92**	0.46	0.15	0.062	
109-99-9	Tetrahydrofuran (THF)	**0.26**	1.5	0.25	0.097	**J**
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.062	**U**
71-43-2	Benzene	**0.11**	0.70	0.23	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.78**	0.35	0.12	0.050	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.99

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.42	1.2	0.42	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	0.14	0.41	0.14	0.057	**U**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.075	**U**
142-82-5	n-Heptane	**0.30**	0.54	0.33	0.089	**J**
108-10-1	4-Methyl-2-pentanone	0.18	1.0	0.18	0.076	**U**
108-88-3	Toluene	**1.1**	0.59	0.19	0.074	
591-78-6	2-Hexanone	**0.25**	1.0	0.18	0.069	**J**
124-48-1	Dibromochloromethane	0.085	0.26	0.085	0.035	**U**
106-93-4	1,2-Dibromoethane	0.095	0.29	0.095	0.035	**U**
127-18-4	Tetrachloroethene	**0.093**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**0.74**	0.51	0.17	0.074	
179601-23-1	m,p-Xylenes	**4.3**	0.98	0.33	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	**1.3**	0.52	0.17	0.076	
108-67-8	1,3,5-Trimethylbenzene	**1.4**	0.46	0.15	0.067	
95-63-6	1,2,4-Trimethylbenzene	**6.4**	0.45	0.15	0.064	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.58	0.18	0.075	**U**
91-20-3	Naphthalene	**0.95**	0.42	0.25	0.11	
1330-20-7	Xylenes, Total	**5.6**	0.98	0.33	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00751

Initial Pressure (psig): -4.97 Final Pressure (psig): 7.65

Container Dilution Factor: 2.30

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.1	1.7	1.1	0.43	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.64**	0.60	0.37	0.10	
74-87-3	Chloromethane	**0.45**	1.4	0.89	0.24	**J**
75-01-4	Vinyl Chloride	0.38	1.2	0.38	0.13	**U**
106-99-0	1,3-Butadiene	0.83	1.4	0.83	0.23	**U**
75-00-3	Chloroethane	0.70	1.1	0.70	0.14	**U**
64-17-5	Ethanol	**18**	16	2.5	1.1	
67-64-1	Acetone	**14**	13	6.5	2.9	
75-69-4	Trichlorofluoromethane	**0.28**	0.52	0.33	0.083	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	2.3	1.5	0.51	**J**
75-09-2	Methylene Chloride	**0.76**	0.86	0.53	0.25	**J**
76-13-1	Trichlorotrifluoroethane	**0.10**	0.40	0.13	0.057	**J**
75-15-0	Carbon Disulfide	**1.3**	1.8	1.0	0.30	**J**
75-34-3	1,1-Dichloroethane	0.47	0.77	0.47	0.11	**U**
78-93-3	2-Butanone (MEK)	**1.1**	2.0	0.62	0.21	**J**
141-78-6	Ethyl Acetate	**0.84**	1.6	1.0	0.45	**J**
110-54-3	n-Hexane	**0.62**	0.85	0.52	0.18	**J**
67-66-3	Chloroform	**1.3**	0.62	0.20	0.084	
109-99-9	Tetrahydrofuran (THF)	**0.30**	2.0	0.33	0.13	**J**
107-06-2	1,2-Dichloroethane	0.24	0.74	0.24	0.084	**U**
71-43-2	Benzene	**0.30**	0.94	0.31	0.14	**J**
56-23-5	Carbon Tetrachloride	**0.92**	0.47	0.16	0.068	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00751

Initial Pressure (psig): -4.97 Final Pressure (psig): 7.65

Container Dilution Factor: 2.30

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.30**	1.7	0.57	0.25	**J**
75-27-4	Bromodichloromethane	0.15	0.45	0.15	0.066	**U**
79-01-6	Trichloroethene	0.18	0.55	0.18	0.077	**U**
123-91-1	1,4-Dioxane	**0.13**	0.83	0.27	0.10	**J**
142-82-5	n-Heptane	**0.34**	0.73	0.45	0.12	**J**
108-10-1	4-Methyl-2-pentanone	0.24	1.4	0.24	0.10	**U**
108-88-3	Toluene	**1.3**	0.79	0.26	0.099	
591-78-6	2-Hexanone	**0.20**	1.4	0.24	0.093	**J**
124-48-1	Dibromochloromethane	0.11	0.35	0.11	0.047	**U**
106-93-4	1,2-Dibromoethane	0.13	0.39	0.13	0.046	**U**
127-18-4	Tetrachloroethene	**0.11**	0.44	0.14	0.059	**J**
100-41-4	Ethylbenzene	**0.37**	0.69	0.23	0.099	**J**
179601-23-1	m,p-Xylenes	**1.7**	1.3	0.45	0.19	
75-25-2	Bromoform	0.18	0.29	0.18	0.061	**U**
100-42-5	Styrene	0.43	0.70	0.43	0.12	**U**
95-47-6	o-Xylene	**0.48**	0.70	0.23	0.10	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.36**	0.62	0.20	0.090	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	0.61	0.20	0.087	
120-82-1	1,2,4-Trichlorobenzene	0.25	0.77	0.25	0.10	**U**
91-20-3	Naphthalene	0.34	0.57	0.34	0.14	**U**
1330-20-7	Xylenes, Total	**2.2**	1.3	0.45	0.19	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00092

Initial Pressure (psig): -3.40 Final Pressure (psig): 7.13

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.90	1.5	0.90	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.59**	0.51	0.31	0.085	
74-87-3	Chloromethane	0.75	1.2	0.75	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**1.5**	14	2.1	0.95	**J**
67-64-1	Acetone	**3.7**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.12**	0.44	0.27	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	2.0	1.2	0.43	**U**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.33	0.11	0.048	**U**
75-15-0	Carbon Disulfide	**0.73**	1.6	0.84	0.25	**J**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**0.35**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	**0.58**	1.3	0.87	0.38	**J**
110-54-3	n-Hexane	0.44	0.71	0.44	0.15	**U**
67-66-3	Chloroform	**0.64**	0.52	0.17	0.070	
109-99-9	Tetrahydrofuran (THF)	**6.8**	1.6	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	0.26	0.79	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**1.2**	0.39	0.13	0.057	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00092

Initial Pressure (psig): -3.40 Final Pressure (psig): 7.13

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.48	1.4	0.48	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.46	0.15	0.065	**U**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	**0.17**	0.61	0.38	0.10	**J**
108-10-1	4-Methyl-2-pentanone	**0.099**	1.2	0.20	0.086	**J**
108-88-3	Toluene	**0.68**	0.67	0.22	0.083	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	0.096	0.29	0.096	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.090**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.38**	0.58	0.19	0.083	**J**
179601-23-1	m,p-Xylenes	**2.1**	1.1	0.38	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	**0.61**	0.59	0.19	0.086	
108-67-8	1,3,5-Trimethylbenzene	**0.57**	0.52	0.17	0.076	
95-63-6	1,2,4-Trimethylbenzene	**2.6**	0.51	0.17	0.073	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	**0.56**	0.48	0.29	0.12	
1330-20-7	Xylenes, Total	**2.7**	1.1	0.38	0.16	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00219

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.43

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.53**	1.6	1.0	0.41	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	0.57	0.35	0.096	
74-87-3	Chloromethane	**0.36**	1.4	0.84	0.23	**J**
75-01-4	Vinyl Chloride	0.36	1.1	0.36	0.12	**U**
106-99-0	1,3-Butadiene	0.79	1.3	0.79	0.22	**U**
75-00-3	Chloroethane	0.66	1.1	0.66	0.14	**U**
64-17-5	Ethanol	**2.1**	15	2.4	1.1	**J**
67-64-1	Acetone	6.2	12	6.2	2.8	**U**
75-69-4	Trichlorofluoromethane	**0.29**	0.49	0.31	0.079	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	1.4	2.2	1.4	0.49	**U**
75-09-2	Methylene Chloride	0.50	0.82	0.50	0.24	**U**
76-13-1	Trichlorotrifluoroethane	**0.077**	0.38	0.12	0.054	**J**
75-15-0	Carbon Disulfide	**3.6**	1.8	0.95	0.28	
75-34-3	1,1-Dichloroethane	0.44	0.73	0.44	0.11	**U**
78-93-3	2-Butanone (MEK)	**0.64**	1.8	0.59	0.20	**J**
141-78-6	Ethyl Acetate	0.98	1.5	0.98	0.42	**U**
110-54-3	n-Hexane	0.49	0.80	0.49	0.17	**U**
67-66-3	Chloroform	**0.28**	0.59	0.19	0.079	**J**
109-99-9	Tetrahydrofuran (THF)	**4.5**	1.8	0.31	0.12	
107-06-2	1,2-Dichloroethane	0.23	0.70	0.23	0.079	**U**
71-43-2	Benzene	**0.23**	0.89	0.29	0.13	**J**
56-23-5	Carbon Tetrachloride	**0.41**	0.44	0.15	0.064	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00219

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.43

Container Dilution Factor: 2.18

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.54	1.6	0.54	0.24	**U**
75-27-4	Bromodichloromethane	0.14	0.42	0.14	0.063	**U**
79-01-6	Trichloroethene	**0.34**	0.52	0.17	0.073	**J**
123-91-1	1,4-Dioxane	0.26	0.79	0.26	0.095	**U**
142-82-5	n-Heptane	**0.45**	0.69	0.43	0.11	**J**
108-10-1	4-Methyl-2-pentanone	0.23	1.3	0.23	0.097	**U**
108-88-3	Toluene	**1.7**	0.75	0.25	0.094	
591-78-6	2-Hexanone	0.23	1.3	0.23	0.088	**U**
124-48-1	Dibromochloromethane	0.11	0.33	0.11	0.045	**U**
106-93-4	1,2-Dibromoethane	0.12	0.37	0.12	0.044	**U**
127-18-4	Tetrachloroethene	0.14	0.42	0.14	0.055	**U**
100-41-4	Ethylbenzene	**1.1**	0.65	0.21	0.094	
179601-23-1	m,p-Xylenes	**6.1**	1.3	0.43	0.18	
75-25-2	Bromoform	0.17	0.28	0.17	0.058	**U**
100-42-5	Styrene	0.41	0.67	0.41	0.11	**U**
95-47-6	o-Xylene	**1.9**	0.67	0.21	0.097	
108-67-8	1,3,5-Trimethylbenzene	**1.9**	0.59	0.19	0.085	
95-63-6	1,2,4-Trimethylbenzene	**8.1**	0.58	0.19	0.082	
120-82-1	1,2,4-Trichlorobenzene	0.24	0.73	0.24	0.095	**U**
91-20-3	Naphthalene	**1.2**	0.54	0.32	0.14	
1330-20-7	Xylenes, Total	**7.9**	1.3	0.43	0.18	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-025

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -3.50 Final Pressure (psig): 5.63

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	1.4	0.85	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.7**	0.48	0.29	0.080	
74-87-3	Chloromethane	**0.37**	1.1	0.71	0.19	**J**
75-01-4	Vinyl Chloride	0.30	0.94	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.55	0.90	0.55	0.11	**U**
64-17-5	Ethanol	**3.4**	13	2.0	0.89	**J**
67-64-1	Acetone	**100**	10	5.2	2.3	
75-69-4	Trichlorofluoromethane	**0.43**	0.41	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.47**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	0.42	0.68	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.062**	0.31	0.10	0.045	**J**
75-15-0	Carbon Disulfide	**1.6**	1.5	0.79	0.23	
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**4.5**	1.5	0.49	0.17	
141-78-6	Ethyl Acetate	0.82	1.3	0.82	0.35	**U**
110-54-3	n-Hexane	**0.17**	0.67	0.41	0.14	**J**
67-66-3	Chloroform	0.16	0.49	0.16	0.066	**U**
109-99-9	Tetrahydrofuran (THF)	**1.9**	1.5	0.26	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**6.2**	0.74	0.24	0.11	
56-23-5	Carbon Tetrachloride	0.12	0.37	0.12	0.054	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-025

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -3.50 Final Pressure (psig): 5.63

Container Dilution Factor: 1.82

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**4.0**	1.3	0.45	0.20	
75-27-4	Bromodichloromethane	0.12	0.35	0.12	0.052	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.21	0.66	0.21	0.080	**U**
142-82-5	n-Heptane	**0.22**	0.58	0.36	0.094	**J**
108-10-1	4-Methyl-2-pentanone	**0.21**	1.1	0.19	0.081	**J**
108-88-3	Toluene	**0.71**	0.63	0.21	0.079	
591-78-6	2-Hexanone	**0.38**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.20**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	**0.44**	0.54	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**2.0**	1.0	0.36	0.15	
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	**0.61**	0.56	0.18	0.081	
108-67-8	1,3,5-Trimethylbenzene	**0.56**	0.49	0.16	0.071	
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.48	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.61	0.20	0.080	**U**
91-20-3	Naphthalene	**0.52**	0.45	0.27	0.11	
1330-20-7	Xylenes, Total	**2.6**	1.0	0.36	0.15	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-026

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC01225

Initial Pressure (psig): -4.69 Final Pressure (psig): 7.29

Container Dilution Factor: 2.20

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	3.3	2.0	0.83	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.7**	1.2	0.71	0.19	
74-87-3	Chloromethane	**3.5**	2.8	1.7	0.46	
75-01-4	Vinyl Chloride	**0.29**	2.3	0.73	0.25	**J**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	**0.47**	2.2	1.3	0.28	**J**
64-17-5	Ethanol	**16**	31	4.8	2.2	**J**
67-64-1	Acetone	**170**	24	13	5.6	
75-69-4	Trichlorofluoromethane	**0.23**	1.0	0.63	0.16	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	4.5	2.8	0.98	**J**
75-09-2	Methylene Chloride	1.0	1.6	1.0	0.48	**U**
76-13-1	Trichlorotrifluoroethane	0.24	0.76	0.24	0.11	**U**
75-15-0	Carbon Disulfide	**4.8**	3.5	1.9	0.57	
75-34-3	1,1-Dichloroethane	0.90	1.5	0.90	0.21	**U**
78-93-3	2-Butanone (MEK)	**110**	3.7	1.2	0.41	
141-78-6	Ethyl Acetate	2.0	3.1	2.0	0.86	**U**
110-54-3	n-Hexane	**1.2**	1.6	1.0	0.34	**J**
67-66-3	Chloroform	**0.35**	1.2	0.38	0.16	**J**
109-99-9	Tetrahydrofuran (THF)	**36**	3.7	0.63	0.25	
107-06-2	1,2-Dichloroethane	**0.23**	1.4	0.46	0.16	**J**
71-43-2	Benzene	**17**	1.8	0.59	0.27	
56-23-5	Carbon Tetrachloride	**0.44**	0.89	0.30	0.13	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-026

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC01225

Initial Pressure (psig): -4.69 Final Pressure (psig): 7.29

Container Dilution Factor: 2.20

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5.7**	3.2	1.1	0.48	
75-27-4	Bromodichloromethane	0.28	0.85	0.28	0.13	**U**
79-01-6	Trichloroethene	**0.41**	1.0	0.35	0.15	**J**
123-91-1	1,4-Dioxane	0.52	1.6	0.52	0.19	**U**
142-82-5	n-Heptane	**1.0**	1.4	0.86	0.23	**J**
108-10-1	4-Methyl-2-pentanone	**1.1**	2.7	0.46	0.20	**J**
108-88-3	Toluene	**11**	1.5	0.50	0.19	
591-78-6	2-Hexanone	0.46	2.7	0.46	0.18	**U**
124-48-1	Dibromochloromethane	0.22	0.67	0.22	0.090	**U**
106-93-4	1,2-Dibromoethane	0.24	0.74	0.24	0.089	**U**
127-18-4	Tetrachloroethene	**0.25**	0.84	0.28	0.11	**J**
100-41-4	Ethylbenzene	**1.7**	1.3	0.43	0.19	
179601-23-1	m,p-Xylenes	**8.4**	2.5	0.86	0.35	
75-25-2	Bromoform	0.34	0.56	0.34	0.12	**U**
100-42-5	Styrene	0.83	1.3	0.83	0.22	**U**
95-47-6	o-Xylene	**2.3**	1.3	0.43	0.20	
108-67-8	1,3,5-Trimethylbenzene	**2.0**	1.2	0.38	0.17	
95-63-6	1,2,4-Trimethylbenzene	**8.5**	1.2	0.38	0.17	
120-82-1	1,2,4-Trichlorobenzene	0.47	1.5	0.47	0.19	**U**
91-20-3	Naphthalene	**0.93**	1.1	0.65	0.27	**J**
1330-20-7	Xylenes, Total	**11**	2.5	0.86	0.35	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-027

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SS00122

Initial Pressure (psig): -4.53 Final Pressure (psig): 6.41

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.0**	3.1	1.9	0.79	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.8**	1.1	0.67	0.18	
74-87-3	Chloromethane	**3.4**	2.6	1.6	0.43	
75-01-4	Vinyl Chloride	**0.32**	2.2	0.69	0.23	**J**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	**0.50**	2.1	1.3	0.26	**J**
64-17-5	Ethanol	**6.8**	29	4.6	2.0	**J**
67-64-1	Acetone	**77**	23	12	5.3	
75-69-4	Trichlorofluoromethane	**0.21**	0.94	0.59	0.15	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	4.2	2.7	0.93	**J**
75-09-2	Methylene Chloride	0.96	1.6	0.96	0.45	**U**
76-13-1	Trichlorotrifluoroethane	0.23	0.72	0.23	0.10	**U**
75-15-0	Carbon Disulfide	**11**	3.3	1.8	0.53	
75-34-3	1,1-Dichloroethane	0.85	1.4	0.85	0.20	**U**
78-93-3	2-Butanone (MEK)	**47**	3.5	1.1	0.39	
141-78-6	Ethyl Acetate	1.9	2.9	1.9	0.81	**U**
110-54-3	n-Hexane	**0.99**	1.5	0.94	0.32	**J**
67-66-3	Chloroform	**0.36**	1.1	0.36	0.15	**J**
109-99-9	Tetrahydrofuran (THF)	**17**	3.5	0.60	0.24	
107-06-2	1,2-Dichloroethane	**0.22**	1.3	0.44	0.15	**J**
71-43-2	Benzene	**19**	1.7	0.55	0.25	
56-23-5	Carbon Tetrachloride	**0.44**	0.84	0.28	0.12	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-027

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SS00122

Initial Pressure (psig): -4.53 Final Pressure (psig): 6.41

Container Dilution Factor: 2.08

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5.7**	3.0	1.0	0.45	
75-27-4	Bromodichloromethane	0.26	0.81	0.26	0.12	**U**
79-01-6	Trichloroethene	0.33	0.99	0.33	0.14	**U**
123-91-1	1,4-Dioxane	**0.70**	1.5	0.49	0.18	**J**
142-82-5	n-Heptane	**0.36**	1.3	0.81	0.22	**J**
108-10-1	4-Methyl-2-pentanone	**0.81**	2.5	0.43	0.19	**J**
108-88-3	Toluene	**9.6**	1.4	0.47	0.18	
591-78-6	2-Hexanone	0.43	2.5	0.43	0.17	**U**
124-48-1	Dibromochloromethane	0.21	0.64	0.21	0.085	**U**
106-93-4	1,2-Dibromoethane	0.23	0.70	0.23	0.084	**U**
127-18-4	Tetrachloroethene	**0.14**	0.80	0.26	0.11	**J**
100-41-4	Ethylbenzene	**0.60**	1.2	0.41	0.18	**J**
179601-23-1	m,p-Xylenes	**2.0**	2.4	0.81	0.34	**J**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.78	1.3	0.78	0.21	**U**
95-47-6	o-Xylene	**0.64**	1.3	0.41	0.18	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.41**	1.1	0.36	0.16	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.6**	1.1	0.36	0.16	
120-82-1	1,2,4-Trichlorobenzene	0.45	1.4	0.45	0.18	**U**
91-20-3	Naphthalene	0.62	1.0	0.62	0.26	**U**
1330-20-7	Xylenes, Total	**2.6**	2.4	0.81	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE12-410-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-028

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/6 - 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01296

Initial Pressure (psig): -4.10 Final Pressure (psig): 10.59

Container Dilution Factor: 2.39

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	1.1	1.8	1.1	0.45	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**150**	6.3	3.9	1.1	**D**
74-87-3	Chloromethane	0.93	1.5	0.93	0.25	**U**
75-01-4	Vinyl Chloride	0.40	1.2	0.40	0.13	**U**
106-99-0	1,3-Butadiene	0.86	1.4	0.86	0.24	**U**
75-00-3	Chloroethane	0.72	1.2	0.72	0.15	**U**
64-17-5	Ethanol	**12**	17	2.6	1.2	**J**
67-64-1	Acetone	**7.1**	13	6.8	3.0	**J**
75-69-4	Trichlorofluoromethane	**10**	0.54	0.34	0.086	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	2.4	1.5	0.53	**J**
75-09-2	Methylene Chloride	0.55	0.89	0.55	0.26	**U**
76-13-1	Trichlorotrifluoroethane	**5.3**	0.41	0.13	0.059	
75-15-0	Carbon Disulfide	**0.72**	1.9	1.0	0.31	**J**
75-34-3	1,1-Dichloroethane	**0.25**	0.80	0.49	0.12	**J**
78-93-3	2-Butanone (MEK)	**2.5**	2.0	0.65	0.22	
141-78-6	Ethyl Acetate	1.1	1.7	1.1	0.46	**U**
110-54-3	n-Hexane	**0.43**	0.88	0.54	0.19	**J**
67-66-3	Chloroform	**0.24**	0.65	0.21	0.087	**J**
109-99-9	Tetrahydrofuran (THF)	**0.41**	2.0	0.34	0.14	**J**
107-06-2	1,2-Dichloroethane	0.25	0.77	0.25	0.087	**U**
71-43-2	Benzene	**1.8**	0.97	0.32	0.14	
56-23-5	Carbon Tetrachloride	**6.5**	0.48	0.16	0.070	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE12-410-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-028

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/6 - 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01296

Initial Pressure (psig): -4.10 Final Pressure (psig): 10.59

Container Dilution Factor: 2.39

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.59	1.7	0.59	0.26	**U**
75-27-4	Bromodichloromethane	0.15	0.46	0.15	0.069	**U**
79-01-6	Trichloroethene	**16**	0.57	0.19	0.080	
123-91-1	1,4-Dioxane	0.28	0.86	0.28	0.10	**U**
142-82-5	n-Heptane	**0.35**	0.76	0.47	0.12	**J**
108-10-1	4-Methyl-2-pentanone	0.25	1.5	0.25	0.11	**U**
108-88-3	Toluene	**0.99**	0.82	0.27	0.10	
591-78-6	2-Hexanone	**0.18**	1.5	0.25	0.096	**J**
124-48-1	Dibromochloromethane	0.12	0.36	0.12	0.049	**U**
106-93-4	1,2-Dibromoethane	0.13	0.40	0.13	0.048	**U**
127-18-4	Tetrachloroethene	**4.7**	0.46	0.15	0.061	
100-41-4	Ethylbenzene	**0.25**	0.72	0.23	0.10	**J**
179601-23-1	m,p-Xylenes	0.47	1.4	0.47	0.19	**U**
75-25-2	Bromoform	0.18	0.31	0.18	0.064	**U**
100-42-5	Styrene	0.45	0.73	0.45	0.12	**U**
95-47-6	o-Xylene	0.23	0.73	0.23	0.11	**U**
108-67-8	1,3,5-Trimethylbenzene	0.21	0.64	0.21	0.094	**U**
95-63-6	1,2,4-Trimethylbenzene	0.21	0.63	0.21	0.090	**U**
120-82-1	1,2,4-Trichlorobenzene	0.26	0.81	0.26	0.10	**U**
91-20-3	Naphthalene	0.35	0.59	0.35	0.15	**U**
1330-20-7	Xylenes, Total	0.47	1.4	0.47	0.19	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-029

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01244

Initial Pressure (psig): -2.63 Final Pressure (psig): 8.15

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**11**	1.4	0.88	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	0.50	0.31	0.083	
74-87-3	Chloromethane	**0.48**	1.2	0.73	0.20	**J**
75-01-4	Vinyl Chloride	0.31	0.98	0.31	0.11	**U**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.93	0.57	0.12	**U**
64-17-5	Ethanol	**18**	13	2.1	0.93	
67-64-1	Acetone	5.4	10	5.4	2.4	**U**
75-69-4	Trichlorofluoromethane	**1.5**	0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	**86**	1.9	1.2	0.42	
75-09-2	Methylene Chloride	0.44	0.71	0.44	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**21**	0.33	0.10	0.047	
75-15-0	Carbon Disulfide	**1.6**	1.5	0.82	0.24	
75-34-3	1,1-Dichloroethane	0.39	0.63	0.39	0.091	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.6	0.51	0.18	
141-78-6	Ethyl Acetate	0.85	1.3	0.85	0.37	**U**
110-54-3	n-Hexane	**0.58**	0.70	0.43	0.15	**J**
67-66-3	Chloroform	**0.30**	0.51	0.16	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	**61**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**0.24**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**51**	0.38	0.13	0.056	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-029

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01244

Initial Pressure (psig): -2.63 Final Pressure (psig): 8.15

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**13**	1.4	0.47	0.21	
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.054	**U**
79-01-6	Trichloroethene	**20**	0.45	0.15	0.063	
123-91-1	1,4-Dioxane	0.22	0.68	0.22	0.083	**U**
142-82-5	n-Heptane	**0.88**	0.60	0.37	0.098	
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.084	**U**
108-88-3	Toluene	**0.30**	0.65	0.21	0.082	**J**
591-78-6	2-Hexanone	0.20	1.2	0.20	0.076	**U**
124-48-1	Dibromochloromethane	0.094	0.29	0.094	0.039	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**13**	0.36	0.12	0.048	
100-41-4	Ethylbenzene	0.19	0.57	0.19	0.082	**U**
179601-23-1	m,p-Xylenes	0.37	1.1	0.37	0.15	**U**
75-25-2	Bromoform	0.15	0.24	0.15	0.050	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.095	**U**
95-47-6	o-Xylene	0.19	0.58	0.19	0.084	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.51	0.16	0.074	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.50	0.16	0.071	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	0.37	1.1	0.37	0.15	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-030

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01258

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.03

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**		1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**13**		0.53	0.33	0.089	
74-87-3	Chloromethane	**0.30**		1.3	0.78	0.21	**J**
75-01-4	Vinyl Chloride		0.34	1.0	0.34	0.11	**U**
106-99-0	1,3-Butadiene		0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane		0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**9.8**		14	2.2	0.99	**J**
67-64-1	Acetone		5.7	11	5.7	2.6	**U**
75-69-4	Trichlorofluoromethane	**1.5**		0.46	0.29	0.073	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.58**		2.1	1.3	0.45	**J**
75-09-2	Methylene Chloride		0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**19**		0.35	0.11	0.050	
75-15-0	Carbon Disulfide	**0.84**		1.6	0.88	0.26	**J**
75-34-3	1,1-Dichloroethane		0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**2.9**		1.7	0.55	0.19	
141-78-6	Ethyl Acetate		0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	**2.8**		0.75	0.46	0.16	
67-66-3	Chloroform	**0.37**		0.55	0.18	0.073	**J**
109-99-9	Tetrahydrofuran (THF)	**36**		1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane		0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**0.19**		0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**52**		0.41	0.14	0.059	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-030

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01258

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.03

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**46**	1.5	0.50	0.22	
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	**27**	0.48	0.16	0.068	
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	**0.46**	0.64	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.26**	0.70	0.23	0.087	**J**
591-78-6	2-Hexanone	0.21	1.2	0.21	0.081	**U**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**15**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	0.20	0.60	0.20	0.087	**U**
179601-23-1	m,p-Xylenes	0.40	1.2	0.40	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.62	0.20	0.090	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.076	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	0.40	1.2	0.40	0.16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-031

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7 - 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01291

Initial Pressure (psig): -3.30 Final Pressure (psig): 8.28

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.48**	1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**180**	5.3	3.3	0.89	**D**
74-87-3	Chloromethane	**1.1**	1.3	0.78	0.21	**J**
75-01-4	Vinyl Chloride	**0.31**	1.0	0.34	0.11	**J**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**15**	14	2.2	0.99	
67-64-1	Acetone	**180**	11	5.7	2.6	
75-69-4	Trichlorofluoromethane	**14**	0.46	0.29	0.073	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.97**	2.1	1.3	0.45	**J**
75-09-2	Methylene Chloride	0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**7.1**	0.35	0.11	0.050	
75-15-0	Carbon Disulfide	**2.0**	1.6	0.88	0.26	
75-34-3	1,1-Dichloroethane	**0.52**	0.67	0.41	0.097	**J**
78-93-3	2-Butanone (MEK)	**89**	1.7	0.55	0.19	
141-78-6	Ethyl Acetate	**5.2**	1.4	0.91	0.39	
110-54-3	n-Hexane	**0.34**	0.75	0.46	0.16	**J**
67-66-3	Chloroform	**0.73**	0.55	0.18	0.073	
109-99-9	Tetrahydrofuran (THF)	**110**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	**1.4**	0.82	0.27	0.12	
56-23-5	Carbon Tetrachloride	**10**	0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-031

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7 - 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01291

Initial Pressure (psig): -3.30 Final Pressure (psig): 8.28

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.22**	1.5	0.50	0.22	**J**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	**37**	0.48	0.16	0.068	
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	**0.48**	0.64	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**2.3**	0.70	0.23	0.087	
591-78-6	2-Hexanone	**0.27**	1.2	0.21	0.081	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**6.3**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	**0.10**	0.60	0.20	0.087	**J**
179601-23-1	m,p-Xylenes	**0.30**	1.2	0.40	0.16	**J**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	**0.14**	0.62	0.20	0.090	**J**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.076	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	**0.43**	1.2	0.40	0.16	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-032

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01292

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.71

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.44**	1.4	0.88	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	0.50	0.31	0.084	
74-87-3	Chloromethane	**0.20**	1.2	0.74	0.20	**J**
75-01-4	Vinyl Chloride	**0.48**	0.99	0.32	0.11	**J**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**13**	13	2.1	0.93	**J**
67-64-1	Acetone	**3.7**	10	5.4	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.093**	0.43	0.27	0.068	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.71	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.055**	0.33	0.11	0.047	**J**
75-15-0	Carbon Disulfide	**0.80**	1.5	0.82	0.24	**J**
75-34-3	1,1-Dichloroethane	0.39	0.63	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**2.9**	1.6	0.52	0.18	
141-78-6	Ethyl Acetate	**0.52**	1.3	0.86	0.37	**J**
110-54-3	n-Hexane	**0.23**	0.70	0.43	0.15	**J**
67-66-3	Chloroform	0.17	0.52	0.17	0.069	**U**
109-99-9	Tetrahydrofuran (THF)	**1.7**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**0.22**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.31**	0.39	0.13	0.056	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-032

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01292

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.71

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**0.14**	0.45	0.15	0.064	**J**
123-91-1	1,4-Dioxane	0.22	0.69	0.22	0.083	**U**
142-82-5	n-Heptane	**0.26**	0.60	0.37	0.099	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.085	**U**
108-88-3	Toluene	**0.51**	0.66	0.21	0.082	**J**
591-78-6	2-Hexanone	**0.23**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.038	**U**
127-18-4	Tetrachloroethene	**0.34**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	0.19	0.57	0.19	0.082	**U**
179601-23-1	m,p-Xylenes	0.37	1.1	0.37	0.15	**U**
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	0.19	0.58	0.19	0.084	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.51	0.16	0.074	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.50	0.16	0.072	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	0.37	1.1	0.37	0.15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-033

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01293

Initial Pressure (psig): -3.24 Final Pressure (psig): 6.75

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.52**	1.4	0.87	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	0.49	0.30	0.082	
74-87-3	Chloromethane	**0.37**	1.2	0.72	0.19	**J**
75-01-4	Vinyl Chloride	**0.72**	0.97	0.31	0.10	**J**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.92	0.57	0.12	**U**
64-17-5	Ethanol	**14**	13	2.1	0.92	
67-64-1	Acetone	**4.8**	10	5.3	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.087**	0.42	0.27	0.067	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	1.9	1.2	0.42	**J**
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.052**	0.32	0.10	0.046	**J**
75-15-0	Carbon Disulfide	**1.6**	1.5	0.81	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.090	**U**
78-93-3	2-Butanone (MEK)	**3.2**	1.6	0.51	0.17	
141-78-6	Ethyl Acetate	0.84	1.3	0.84	0.36	**U**
110-54-3	n-Hexane	**1.1**	0.69	0.42	0.15	
67-66-3	Chloroform	0.16	0.51	0.16	0.068	**U**
109-99-9	Tetrahydrofuran (THF)	**3.7**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.068	**U**
71-43-2	Benzene	**0.39**	0.76	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.31**	0.38	0.13	0.055	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-033

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01293

Initial Pressure (psig): -3.24 Final Pressure (psig): 6.75

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.47**	1.4	0.46	0.20	**J**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.054	**U**
79-01-6	Trichloroethene	**0.15**	0.44	0.15	0.063	**J**
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.082	**U**
142-82-5	n-Heptane	**1.5**	0.59	0.37	0.097	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.083	**U**
108-88-3	Toluene	**0.86**	0.65	0.21	0.081	
591-78-6	2-Hexanone	**0.37**	1.1	0.19	0.075	**J**
124-48-1	Dibromochloromethane	0.093	0.29	0.093	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.36**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	0.18	0.56	0.18	0.081	**U**
179601-23-1	m,p-Xylenes	**0.20**	1.1	0.37	0.15	**J**
75-25-2	Bromoform	0.14	0.24	0.14	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.094	**U**
95-47-6	o-Xylene	0.18	0.57	0.18	0.083	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.50	0.16	0.073	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.49	0.16	0.070	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	0.28	0.46	0.28	0.12	**U**
1330-20-7	Xylenes, Total	**0.20**	1.1	0.37	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102163

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/5 - 5/8/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210505-MB	**99**	**103**	**97**	70-130	
Method Blank	P210506-MB	**97**	**105**	**98**	70-130	
Method Blank	P210507-MB	**97**	**103**	**98**	70-130	
Method Blank	P210507-MB	**98**	**102**	**98**	70-130	
Method Blank	P210508-MB	**97**	**105**	**98**	70-130	
Lab Control Sample	P210505-LCS	**97**	**98**	**95**	70-130	
Lab Control Sample	P210506-LCS	**94**	**100**	**97**	70-130	
Lab Control Sample	P210507-LCS	**95**	**100**	**98**	70-130	
Lab Control Sample	P210507-LCS	**95**	**99**	**98**	70-130	
Lab Control Sample	P210508-LCS	**94**	**100**	**98**	70-130	
Duplicate Lab Control Sample	P210505-DLCS	**97**	**99**	**96**	70-130	
Duplicate Lab Control Sample	P210506-DLCS	**95**	**101**	**97**	70-130	
Duplicate Lab Control Sample	P210507-DLCS	**94**	**100**	**97**	70-130	
Duplicate Lab Control Sample	P210507-DLCS	**96**	**99**	**98**	70-130	
Duplicate Lab Control Sample	P210508-DLCS	**94**	**100**	**97**	70-130	
SV135-025-212	P2102163-001	**97**	**102**	**101**	70-130	
SV135-050-212	P2102163-002	**98**	**103**	**100**	70-130	
SV135-150-212	P2102163-003	**99**	**102**	**99**	70-130	
SV135-250-612	P2102163-004	**99**	**103**	**100**	70-130	
SV135-250-212	P2102163-005	**100**	**102**	**98**	70-130	
SV135-350-212	P2102163-006	**97**	**104**	**101**	70-130	
SV135-450-212	P2102163-007	**97**	**103**	**100**	70-130	
SV137-025-212	P2102163-008	**97**	**103**	**101**	70-130	
SV137-050-212	P2102163-009	**99**	**102**	**98**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102163

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/5 - 5/8/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV137-150-212	P2102163-010	**95**	**104**	**105**	70-130	
SV137-250-212	P2102163-011	**94**	**105**	**107**	70-130	
SV137-350-212	P2102163-012	**96**	**104**	**103**	70-130	
SV137-450-212	P2102163-013	**97**	**102**	**99**	70-130	
SV139-025-212	P2102163-014	**99**	**102**	**97**	70-130	
SV139-050-212	P2102163-015	**99**	**103**	**98**	70-130	
SV139-050-612	P2102163-016	**99**	**104**	**99**	70-130	
SV139-150-212	P2102163-017	**95**	**103**	**101**	70-130	
SV139-350-212	P2102163-019	**97**	**104**	**99**	70-130	
SV139-450-212	P2102163-020	**97**	**103**	**99**	70-130	
SV140-025-212	P2102163-021	**98**	**106**	**100**	70-130	
SV140-050-212	P2102163-022	**97**	**104**	**98**	70-130	
SV140-150-212	P2102163-023	**97**	**104**	**98**	70-130	
SV140-250-212	P2102163-024	**98**	**105**	**98**	70-130	
SV140-350-212	P2102163-025	**95**	**106**	**104**	70-130	
SV140-450-612	P2102163-026	**95**	**103**	**101**	70-130	
SV140-450-212	P2102163-027	**96**	**104**	**102**	70-130	
SVE12-410-212	P2102163-028	**97**	**102**	**98**	70-130	
SV14-150-212	P2102163-029	**97**	**103**	**100**	70-130	
SV14-250-212	P2102163-030	**96**	**102**	**99**	70-130	
SV14-350-212	P2102163-031	**96**	**103**	**99**	70-130	
SV14-450-212	P2102163-032	**97**	**103**	**100**	70-130	
SV14-450-612	P2102163-033	**97**	**104**	**99**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	114	108	**93**	**89**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.5	38.2	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	99.8	112	106	**112**	**106**	59-132	6	25	
75-01-4	Vinyl Chloride	81.4	85.9	82.6	**106**	**101**	64-127	5	25	
106-99-0	1,3-Butadiene	95.0	113	109	**119**	**115**	66-134	3	25	
75-00-3	Chloroethane	77.3	86.6	82.6	**112**	**107**	63-127	5	25	
64-17-5	Ethanol	530	550	533	**104**	**101**	59-125	3	25	
67-64-1	Acetone	435	435	422	**100**	**97**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	34.7	33.8	**96**	**93**	62-126	3	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	171	166	**103**	**100**	52-125	3	25	
75-09-2	Methylene Chloride	59.9	60.7	59.0	**101**	**98**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.9	26.4	**96**	**95**	66-126	1	25	
75-15-0	Carbon Disulfide	137	142	138	**104**	**101**	57-134	3	25	
75-34-3	1,1-Dichloroethane	52.4	51.9	50.5	**99**	**96**	68-126	3	25	
78-93-3	2-Butanone (MEK)	140	148	145	**106**	**104**	67-130	2	25	
141-78-6	Ethyl Acetate	117	160	158	**137**	**135**	65-128	1	25	**L**
110-54-3	n-Hexane	60.2	56.9	55.8	**95**	**93**	63-120	2	25	
67-66-3	Chloroform	43.8	42.3	41.2	**97**	**94**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	136	136	132	**100**	**97**	64-123	3	25	
107-06-2	1,2-Dichloroethane	51.4	51.1	50.0	**99**	**97**	65-128	2	25	
71-43-2	Benzene	63.9	57.1	55.5	**89**	**87**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	32.2	31.5	**96**	**94**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	123	120	**102**	**99**	70-117	3	25	
75-27-4	Bromodichloromethane	31.4	31.4	30.7	**100**	**98**	72-128	2	25	
79-01-6	Trichloroethene	38.3	38.0	37.0	**99**	**97**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	54.8	53.4	**95**	**93**	71-122	2	25	
142-82-5	n-Heptane	51.3	52.2	50.9	**102**	**99**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	102	112	109	**110**	**107**	67-130	3	25	
108-88-3	Toluene	54.7	51.3	50.6	**94**	**93**	66-119	1	25	
591-78-6	2-Hexanone	98.7	104	103	**105**	**104**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	26.4	26.1	**107**	**106**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	27.1	28.8	28.4	**106**	**105**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	28.8	28.4	**95**	**93**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	46.8	46.2	**99**	**97**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	93.5	92.5	**99**	**97**	61-134	2	25	
75-25-2	Bromoform	20.1	22.3	22.0	**111**	**109**	66-139	2	25	
100-42-5	Styrene	48.4	46.5	46.1	**96**	**95**	73-127	1	25	
95-47-6	o-Xylene	47.4	46.5	45.9	**98**	**97**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	41.1	40.4	**98**	**96**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	41.8	41.2	**101**	**99**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	54.7	53.5	**105**	**102**	55-142	3	25	
91-20-3	Naphthalene	37.8	41.9	41.0	**111**	**108**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	110	109	**90**	**89**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.5	38.9	**93**	**92**	59-128	1	25	
74-87-3	Chloromethane	99.8	109	106	**109**	**106**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	84.0	83.9	**103**	**103**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	109	108	**115**	**114**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	82.7	83.0	**107**	**107**	63-127	0	25	
64-17-5	Ethanol	530	513	521	**97**	**98**	59-125	1	25	
67-64-1	Acetone	435	414	418	**95**	**96**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	34.2	34.3	**94**	**94**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	160	163	**96**	**98**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	59.2	59.5	**99**	**99**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.7	26.8	**96**	**96**	66-126	0	25	
75-15-0	Carbon Disulfide	137	138	139	**101**	**101**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	49.9	50.4	**95**	**96**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	143	145	**102**	**104**	67-130	2	25	
141-78-6	Ethyl Acetate	117	154	157	**132**	**134**	65-128	2	25	**L**
110-54-3	n-Hexane	60.2	54.1	55.3	**90**	**92**	63-120	2	25	
67-66-3	Chloroform	43.8	41.2	41.6	**94**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	132	133	**97**	**98**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	49.4	50.1	**96**	**97**	65-128	1	25	
71-43-2	Benzene	63.9	55.4	55.7	**87**	**87**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	32.0	32.1	**96**	**96**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	120	121	**99**	**100**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	30.8	30.9	**98**	**98**	72-128	0	25	
79-01-6	Trichloroethene	38.3	37.6	37.7	**98**	**98**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	53.3	54.0	**92**	**94**	71-122	2	25	
142-82-5	n-Heptane	51.3	50.5	50.9	**98**	**99**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	107	109	**105**	**107**	67-130	2	25	
108-88-3	Toluene	54.7	51.8	52.3	**95**	**96**	66-119	1	25	
591-78-6	2-Hexanone	98.7	101	103	**102**	**104**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	27.0	27.0	**109**	**109**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	29.2	29.4	**108**	**108**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	29.6	29.6	**97**	**97**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	47.4	47.8	**100**	**101**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	94.5	93.5	**100**	**99**	61-134	1	25	
75-25-2	Bromoform	20.1	22.9	23.0	**114**	**114**	66-139	0	25	
100-42-5	Styrene	48.4	47.3	47.6	**98**	**98**	73-127	0	25	
95-47-6	o-Xylene	47.4	47.2	47.4	**100**	**100**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	41.7	42.0	**100**	**100**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	42.6	43.0	**103**	**104**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	55.2	55.7	**106**	**107**	55-142	0.9	25	
91-20-3	Naphthalene	37.8	41.8	42.5	**111**	**112**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	111	107	**91**	**88**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	39.4	38.0	**93**	**89**	59-128	4	25	
74-87-3	Chloromethane	99.8	110	104	**110**	**104**	59-132	6	25	
75-01-4	Vinyl Chloride	81.4	85.0	82.4	**104**	**101**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	110	107	**116**	**113**	66-134	3	25	
75-00-3	Chloroethane	77.3	84.6	82.3	**109**	**106**	63-127	3	25	
64-17-5	Ethanol	530	522	516	**98**	**97**	59-125	1	25	
67-64-1	Acetone	435	418	411	**96**	**94**	58-128	2	25	
75-69-4	Trichlorofluoromethane	36.3	34.2	33.6	**94**	**93**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	161	159	**97**	**96**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	59.5	58.3	**99**	**97**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.9	26.5	**96**	**95**	66-126	1	25	
75-15-0	Carbon Disulfide	137	140	137	**102**	**100**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	50.2	49.7	**96**	**95**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	144	142	**103**	**101**	67-130	2	25	
141-78-6	Ethyl Acetate	117	155	155	**132**	**132**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	54.8	54.5	**91**	**91**	63-120	0	25	
67-66-3	Chloroform	43.8	41.4	40.8	**95**	**93**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	132	131	**97**	**96**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	49.5	49.1	**96**	**96**	65-128	0	25	
71-43-2	Benzene	63.9	55.1	55.0	**86**	**86**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	31.5	31.4	**94**	**94**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	120	119	**99**	**98**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	30.6	30.5	**97**	**97**	72-128	0	25	
79-01-6	Trichloroethene	38.3	37.3	37.2	**97**	**97**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	53.4	53.1	**93**	**92**	71-122	1	25	
142-82-5	n-Heptane	51.3	50.3	50.2	**98**	**98**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	107	107	**105**	**105**	67-130	0	25	
108-88-3	Toluene	54.7	51.2	51.1	**94**	**93**	66-119	1	25	
591-78-6	2-Hexanone	98.7	101	101	**102**	**102**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	26.5	26.5	**107**	**107**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	29.0	28.8	**107**	**106**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	29.0	28.8	**95**	**95**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	46.7	46.6	**99**	**98**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	91.3	92.8	**96**	**98**	61-134	2	25	
75-25-2	Bromoform	20.1	22.4	22.3	**111**	**111**	66-139	0	25	
100-42-5	Styrene	48.4	46.4	46.3	**96**	**96**	73-127	0	25	
95-47-6	o-Xylene	47.4	46.3	46.0	**98**	**97**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	41.0	40.9	**98**	**98**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	41.8	41.5	**101**	**100**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	54.7	54.4	**105**	**104**	55-142	1	25	
91-20-3	Naphthalene	37.8	41.6	41.4	**110**	**110**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	110	107	**90**	**88**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	38.3	37.8	**90**	**89**	59-128	1	25	
74-87-3	Chloromethane	99.8	108	105	**108**	**105**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	83.2	82.4	**102**	**101**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	107	106	**113**	**112**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	83.7	82.3	**108**	**106**	63-127	2	25	
64-17-5	Ethanol	530	520	517	**98**	**98**	59-125	0	25	
67-64-1	Acetone	435	413	411	**95**	**94**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	33.6	33.3	**93**	**92**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	160	160	**96**	**96**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	58.6	58.3	**98**	**97**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.2	26.2	**94**	**94**	66-126	0	25	
75-15-0	Carbon Disulfide	137	137	136	**100**	**99**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	49.7	49.7	**95**	**95**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	142	142	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	117	154	155	**132**	**132**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	54.3	54.3	**90**	**90**	63-120	0	25	
67-66-3	Chloroform	43.8	40.6	40.5	**93**	**92**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	131	129	**96**	**95**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	48.7	48.7	**95**	**95**	65-128	0	25	
71-43-2	Benzene	63.9	54.6	54.3	**85**	**85**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	30.9	30.9	**93**	**93**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	118	118	**98**	**98**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	30.2	30.1	**96**	**96**	72-128	0	25	
79-01-6	Trichloroethene	38.3	36.6	36.5	**96**	**95**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	52.6	52.5	**91**	**91**	71-122	0	25	
142-82-5	n-Heptane	51.3	49.7	49.7	**97**	**97**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	106	106	**104**	**104**	67-130	0	25	
108-88-3	Toluene	54.7	49.6	49.3	**91**	**90**	66-119	1	25	
591-78-6	2-Hexanone	98.7	98.3	98.1	**100**	**99**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	25.6	25.4	**104**	**103**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	27.9	27.9	**103**	**103**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	27.8	27.7	**91**	**91**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	45.2	45.0	**95**	**95**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	90.1	89.7	**95**	**95**	61-134	0	25	
75-25-2	Bromoform	20.1	21.7	21.4	**108**	**106**	66-139	2	25	
100-42-5	Styrene	48.4	44.9	44.8	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	47.4	44.9	44.6	**95**	**94**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.6	39.3	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.3	40.1	**97**	**97**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	52.7	52.5	**101**	**100**	55-142	1	25	
91-20-3	Naphthalene	37.8	40.2	40.2	**106**	**106**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	103	103	**84**	**84**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	37.3	37.1	**88**	**87**	59-128	1	25	
74-87-3	Chloromethane	99.8	103	100	**103**	**100**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	79.7	79.7	**98**	**98**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	103	103	**108**	**108**	66-134	0	25	
75-00-3	Chloroethane	77.3	78.7	79.3	**102**	**103**	63-127	1	25	
64-17-5	Ethanol	530	484	491	**91**	**93**	59-125	2	25	
67-64-1	Acetone	435	391	396	**90**	**91**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	32.5	32.6	**90**	**90**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	150	152	**90**	**92**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	55.9	56.6	**93**	**94**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.4	25.7	**91**	**92**	66-126	1	25	
75-15-0	Carbon Disulfide	137	131	132	**96**	**96**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	47.0	47.8	**90**	**91**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	135	137	**96**	**98**	67-130	2	25	
141-78-6	Ethyl Acetate	117	145	148	**124**	**126**	65-128	2	25	
110-54-3	n-Hexane	60.2	51.1	52.2	**85**	**87**	63-120	2	25	
67-66-3	Chloroform	43.8	39.1	39.6	**89**	**90**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	125	126	**92**	**93**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	46.7	47.4	**91**	**92**	65-128	1	25	
71-43-2	Benzene	63.9	52.7	53.2	**82**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.4	30.4	**91**	**91**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	114	115	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.2	29.4	**93**	**94**	72-128	1	25	
79-01-6	Trichloroethene	38.3	35.9	36.1	**94**	**94**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	51.0	51.4	**88**	**89**	71-122	1	25	
142-82-5	n-Heptane	51.3	47.9	48.4	**93**	**94**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	101	103	**99**	**101**	67-130	2	25	
108-88-3	Toluene	54.7	49.3	49.4	**90**	**90**	66-119	0	25	
591-78-6	2-Hexanone	98.7	94.8	96.3	**96**	**98**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	25.7	25.7	**104**	**104**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	27.9	27.9	**103**	**103**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	28.1	28.2	**92**	**93**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	44.9	45.0	**95**	**95**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	89.6	88.1	**94**	**93**	61-134	1	25	
75-25-2	Bromoform	20.1	21.7	21.8	**108**	**108**	66-139	0	25	
100-42-5	Styrene	48.4	44.8	44.8	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	47.4	44.5	44.7	**94**	**94**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.6	39.4	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.3	40.3	**97**	**97**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	52.6	53.0	**101**	**101**	55-142	0	25	
91-20-3	Naphthalene	37.8	39.8	40.3	**105**	**107**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00904

Initial Pressure (psig): -3.28 Final Pressure (psig): 7.30

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.1**	2.5	1.5	0.63	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.5	1.5	0.42	**J**
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**3.6**	26	4.0	1.8	**J**
67-64-1	Acetone	**7.7**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**1.2**	2.5	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.9**	4.8	3.0	1.1	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**1.2**	2.6	0.82	0.37	**J**
75-15-0	Carbon Disulfide	2.6	4.8	2.6	0.77	**U**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**1.7**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.4	**U**
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**0.71**	2.6	0.82	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**0.34**	4.8	0.82	0.32	**J**
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	**1.1**	2.5	0.82	0.37	**J**
56-23-5	Carbon Tetrachloride	**0.60**	2.5	0.82	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-001

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00904

Initial Pressure (psig): -3.28 Final Pressure (psig): 7.30

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	**400**	2.5	0.82	0.35	
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	**0.51**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**14**	2.5	0.82	0.31	
591-78-6	2-Hexanone	0.82	4.8	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	**0.58**	2.5	0.82	0.30	**J**
127-18-4	Tetrachloroethene	**0.82**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	**5.7**	2.5	0.82	0.36	
179601-23-1	m,p-Xylenes	**170**	4.8	1.6	0.68	
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**120**	2.6	0.82	0.37	
108-67-8	1,3,5-Trimethylbenzene	**52**	2.6	0.82	0.37	
95-63-6	1,2,4-Trimethylbenzene	**68**	2.5	0.82	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	**1.8**	2.5	1.5	0.63	**J**
1330-20-7	Xylenes, Total	**290**	4.8	1.6	0.68	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01098

Initial Pressure (psig): -3.39 Final Pressure (psig): 8.60

Container Dilution Factor: 2.06

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.85**	2.7	1.6	0.67	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	2.7	1.6	0.45	**J**
74-87-3	Chloromethane	**0.54**	2.7	1.6	0.44	**J**
75-01-4	Vinyl Chloride	0.88	2.7	0.88	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.7	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.7	1.6	0.34	**U**
64-17-5	Ethanol	**11**	27	4.3	1.9	**J**
67-64-1	Acetone	**13**	27	14	6.2	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.6	1.6	0.42	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.4**	5.2	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.7	1.6	0.77	**U**
76-13-1	Trichlorotrifluoroethane	**1.4**	2.7	0.88	0.39	**J**
75-15-0	Carbon Disulfide	**3.8**	5.2	2.8	0.82	**J**
75-34-3	1,1-Dichloroethane	1.7	2.8	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**2.8**	5.2	1.6	0.57	**J**
141-78-6	Ethyl Acetate	**3.7**	5.2	3.3	1.4	**J**
110-54-3	n-Hexane	1.6	2.7	1.6	0.57	**U**
67-66-3	Chloroform	**1.0**	2.7	0.88	0.37	**J**
109-99-9	Tetrahydrofuran (THF)	**14**	5.2	0.88	0.35	
107-06-2	1,2-Dichloroethane	0.88	2.7	0.88	0.30	**U**
71-43-2	Benzene	**0.55**	2.7	0.88	0.40	**J**
56-23-5	Carbon Tetrachloride	**0.70**	2.6	0.88	0.38	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-002

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01098

Initial Pressure (psig): -3.39 Final Pressure (psig): 8.60

Container Dilution Factor: 2.06

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.2	1.8	0.77	**U**
75-27-4	Bromodichloromethane	0.88	2.7	0.88	0.40	**U**
79-01-6	Trichloroethene	**520**	2.6	0.88	0.37	
123-91-1	1,4-Dioxane	0.88	2.7	0.88	0.32	**U**
142-82-5	n-Heptane	**2.1**	2.7	1.6	0.44	**J**
108-10-1	4-Methyl-2-pentanone	0.88	5.2	0.88	0.38	**U**
108-88-3	Toluene	**5.4**	2.7	0.88	0.33	
591-78-6	2-Hexanone	0.88	5.2	0.88	0.34	**U**
124-48-1	Dibromochloromethane	0.88	2.7	0.88	0.36	**U**
106-93-4	1,2-Dibromoethane	0.88	2.7	0.88	0.32	**U**
127-18-4	Tetrachloroethene	**0.98**	2.7	0.88	0.36	**J**
100-41-4	Ethylbenzene	**2.0**	2.7	0.88	0.39	**J**
179601-23-1	m,p-Xylenes	**58**	5.2	1.8	0.72	
75-25-2	Bromoform	1.6	2.7	1.6	0.57	**U**
100-42-5	Styrene	1.6	2.7	1.6	0.44	**U**
95-47-6	o-Xylene	**42**	2.7	0.88	0.40	
108-67-8	1,3,5-Trimethylbenzene	**20**	2.7	0.88	0.40	
95-63-6	1,2,4-Trimethylbenzene	**27**	2.7	0.88	0.38	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.2	1.6	0.67	**U**
91-20-3	Naphthalene	1.6	2.7	1.6	0.67	**U**
1330-20-7	Xylenes, Total	**100**	5.2	1.8	0.72	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00262

Initial Pressure (psig): -3.14 Final Pressure (psig): 8.30

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.87**	2.6	1.6	0.65	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.8**	2.6	1.6	0.43	**J**
74-87-3	Chloromethane	**0.64**	2.6	1.6	0.43	**J**
75-01-4	Vinyl Chloride	0.85	2.6	0.85	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**5.7**	26	4.1	1.8	**J**
67-64-1	Acetone	**27**	26	13	6.0	
75-69-4	Trichlorofluoromethane	**0.97**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	5.0	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**3.3**	2.6	0.85	0.38	
75-15-0	Carbon Disulfide	**10**	5.0	2.7	0.80	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**15**	5.0	1.6	0.55	
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**2.6**	2.6	0.85	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**14**	5.0	0.85	0.33	
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.29	**U**
71-43-2	Benzene	**0.40**	2.6	0.85	0.38	**J**
56-23-5	Carbon Tetrachloride	**2.3**	2.5	0.85	0.37	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-003

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5 - 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00262

Initial Pressure (psig): -3.14 Final Pressure (psig): 8.30

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.38	**U**
79-01-6	Trichloroethene	**2,500**	25	8.5	3.6	**D**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.31	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.36	**U**
108-88-3	Toluene	**1.1**	2.6	0.85	0.32	**J**
591-78-6	2-Hexanone	**0.99**	5.0	0.85	0.33	**J**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**3.2**	2.6	0.85	0.34	
100-41-4	Ethylbenzene	0.85	2.6	0.85	0.37	**U**
179601-23-1	m,p-Xylenes	**4.3**	5.0	1.7	0.70	**J**
75-25-2	Bromoform	1.6	2.6	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**2.8**	2.6	0.85	0.38	
108-67-8	1,3,5-Trimethylbenzene	**1.3**	2.6	0.85	0.38	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	2.6	0.85	0.37	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.65	**U**
1330-20-7	Xylenes, Total	**7.1**	5.0	1.7	0.70	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00130

Initial Pressure (psig): -3.16 Final Pressure (psig): 6.27
Initial Pressure 2 (psig): -0.06 Final Pressure 2 (psig): 5.10

Container Dilution Factor: 2.46

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.4**	3.2	2.0	0.80	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.3**	3.2	2.0	0.54	**J**
74-87-3	Chloromethane	**0.57**	3.2	2.0	0.53	**J**
75-01-4	Vinyl Chloride	1.0	3.3	1.0	0.35	**U**
106-99-0	1,3-Butadiene	2.0	3.2	2.0	0.54	**U**
75-00-3	Chloroethane	2.0	3.2	2.0	0.41	**U**
64-17-5	Ethanol	**39**	33	5.1	2.3	
67-64-1	Acetone	**28**	32	17	7.4	**J**
75-69-4	Trichlorofluoromethane	**0.73**	3.1	2.0	0.50	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**8.1**	6.2	3.9	1.4	
75-09-2	Methylene Chloride	**1.8**	3.2	2.0	0.92	**J**
76-13-1	Trichlorotrifluoroethane	**1.3**	3.3	1.0	0.47	**J**
75-15-0	Carbon Disulfide	**7.1**	6.2	3.3	0.98	
75-34-3	1,1-Dichloroethane	2.0	3.3	2.0	0.48	**U**
78-93-3	2-Butanone (MEK)	**4.3**	6.2	2.0	0.68	**J**
141-78-6	Ethyl Acetate	**16**	6.2	4.0	1.7	
110-54-3	n-Hexane	**0.69**	3.2	2.0	0.68	**J**
67-66-3	Chloroform	**1.6**	3.3	1.0	0.44	**J**
109-99-9	Tetrahydrofuran (THF)	**3.2**	6.2	1.0	0.41	**J**
107-06-2	1,2-Dichloroethane	1.0	3.2	1.0	0.36	**U**
71-43-2	Benzene	**1.6**	3.2	1.0	0.47	**J**
56-23-5	Carbon Tetrachloride	**0.79**	3.1	1.0	0.46	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-004

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00130

Initial Pressure (psig): -3.16 Final Pressure (psig): 6.27
Initial Pressure 2 (psig): -0.06 Final Pressure 2 (psig): 5.10

Container Dilution Factor: 2.46

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.92**	6.2	2.1	0.92	**J**
75-27-4	Bromodichloromethane	1.0	3.2	1.0	0.47	**U**
79-01-6	Trichloroethene	**480**	3.1	1.0	0.44	
123-91-1	1,4-Dioxane	1.0	3.2	1.0	0.39	**U**
142-82-5	n-Heptane	**3.5**	3.2	2.0	0.52	
108-10-1	4-Methyl-2-pentanone	1.0	6.2	1.0	0.45	**U**
108-88-3	Toluene	**6.6**	3.2	1.0	0.40	
591-78-6	2-Hexanone	**1.3**	6.2	1.0	0.41	**J**
124-48-1	Dibromochloromethane	1.0	3.2	1.0	0.43	**U**
106-93-4	1,2-Dibromoethane	1.0	3.2	1.0	0.38	**U**
127-18-4	Tetrachloroethene	**1.1**	3.2	1.0	0.42	**J**
100-41-4	Ethylbenzene	**0.74**	3.2	1.0	0.46	**J**
179601-23-1	m,p-Xylenes	**9.8**	6.2	2.1	0.86	
75-25-2	Bromoform	2.0	3.3	2.0	0.68	**U**
100-42-5	Styrene	2.0	3.2	2.0	0.53	**U**
95-47-6	o-Xylene	**4.6**	3.3	1.0	0.47	
108-67-8	1,3,5-Trimethylbenzene	**1.3**	3.3	1.0	0.47	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	3.2	1.0	0.46	**J**
120-82-1	1,2,4-Trichlorobenzene	2.0	6.2	2.0	0.80	**U**
91-20-3	Naphthalene	1.9	3.2	1.9	0.80	**U**
1330-20-7	Xylenes, Total	**14**	6.2	2.1	0.86	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS00074

Initial Pressure (psig): -3.07 Final Pressure (psig): 8.27

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.68**	2.6	1.6	0.64	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.1**	2.6	1.6	0.43	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.84	2.6	0.84	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**24**	26	4.1	1.8	**J**
67-64-1	Acetone	**11**	26	13	5.9	**J**
75-69-4	Trichlorofluoromethane	**0.61**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	5.0	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**1.6**	2.6	0.84	0.38	**J**
75-15-0	Carbon Disulfide	**19**	5.0	2.7	0.79	
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**1.5**	5.0	1.6	0.54	**J**
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.54	**U**
67-66-3	Chloroform	**2.1**	2.6	0.84	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**2.8**	5.0	0.84	0.33	**J**
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**0.57**	2.6	0.84	0.38	**J**
56-23-5	Carbon Tetrachloride	**1.1**	2.5	0.84	0.37	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-005

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SS00074

Initial Pressure (psig): -3.07 Final Pressure (psig): 8.27

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.74	**U**
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	**600**	200	67	29	**D**
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.42	**U**
108-10-1	4-Methyl-2-pentanone	0.84	5.0	0.84	0.36	**U**
108-88-3	Toluene	**1.7**	2.6	0.84	0.32	**J**
591-78-6	2-Hexanone	0.84	5.0	0.84	0.33	**U**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.35	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**1.7**	2.6	0.84	0.34	**J**
100-41-4	Ethylbenzene	0.84	2.6	0.84	0.37	**U**
179601-23-1	m,p-Xylenes	**4.9**	5.0	1.7	0.69	**J**
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**3.1**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**1.1**	2.6	0.84	0.38	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	2.6	0.84	0.37	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.64	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.64	**U**
1330-20-7	Xylenes, Total	**7.9**	5.0	1.7	0.69	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00153

Initial Pressure (psig): -2.94 Final Pressure (psig): 9.17

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.94**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.53**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	**0.56**	2.6	1.6	0.44	**J**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.45	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**6.2**	27	4.2	1.9	**J**
67-64-1	Acetone	**23**	26	14	6.1	**J**
75-69-4	Trichlorofluoromethane	**0.44**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.2	5.1	3.2	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.76	**U**
76-13-1	Trichlorotrifluoroethane	**0.47**	2.7	0.86	0.39	**J**
75-15-0	Carbon Disulfide	**8.4**	5.1	2.7	0.81	
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.40	**U**
78-93-3	2-Butanone (MEK)	**3.2**	5.1	1.6	0.56	**J**
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.56	**U**
67-66-3	Chloroform	0.86	2.7	0.86	0.36	**U**
109-99-9	Tetrahydrofuran (THF)	**8.3**	5.1	0.86	0.34	
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**0.61**	2.6	0.86	0.39	**J**
56-23-5	Carbon Tetrachloride	**0.60**	2.6	0.86	0.38	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-006

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00153

Initial Pressure (psig): -2.94 Final Pressure (psig): 9.17

Container Dilution Factor: 2.03

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.76	**U**
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	**51**	2.6	0.86	0.37	
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**1.1**	2.6	0.86	0.33	**J**
591-78-6	2-Hexanone	**0.55**	5.1	0.86	0.33	**J**
124-48-1	Dibromochloromethane	0.86	2.6	0.86	0.36	**U**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	0.86	2.6	0.86	0.35	**U**
100-41-4	Ethylbenzene	0.86	2.6	0.86	0.38	**U**
179601-23-1	m,p-Xylenes	**2.6**	5.1	1.7	0.71	**J**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.44	**U**
95-47-6	o-Xylene	**1.4**	2.7	0.86	0.39	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.53**	2.7	0.86	0.39	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.92**	2.6	0.86	0.38	**J**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	**4.0**	5.1	1.7	0.71	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00270

Initial Pressure (psig): -2.58 Final Pressure (psig): 7.49

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.9**	2.4	1.5	0.59	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.81**	2.4	1.5	0.40	**J**
74-87-3	Chloromethane	**26**	2.4	1.5	0.39	
75-01-4	Vinyl Chloride	**4.7**	2.4	0.78	0.26	
106-99-0	1,3-Butadiene	**0.95**	2.4	1.5	0.40	**J**
75-00-3	Chloroethane	**5.8**	2.4	1.5	0.30	
64-17-5	Ethanol	**16**	24	3.8	1.7	**J**
67-64-1	Acetone	**51**	24	12	5.5	
75-69-4	Trichlorofluoromethane	**0.51**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.9**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	**1.1**	2.4	1.5	0.69	**J**
76-13-1	Trichlorotrifluoroethane	**0.69**	2.4	0.78	0.35	**J**
75-15-0	Carbon Disulfide	**57**	4.6	2.5	0.73	
75-34-3	1,1-Dichloroethane	**0.97**	2.5	1.5	0.36	**J**
78-93-3	2-Butanone (MEK)	**10**	4.6	1.5	0.50	
141-78-6	Ethyl Acetate	**5.7**	4.6	3.0	1.3	
110-54-3	n-Hexane	**0.96**	2.4	1.5	0.50	**J**
67-66-3	Chloroform	**1.0**	2.4	0.78	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**36**	4.6	0.78	0.31	
107-06-2	1,2-Dichloroethane	**3.1**	2.4	0.78	0.27	
71-43-2	Benzene	**1.6**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**0.63**	2.3	0.78	0.34	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV135-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-007

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00270

Initial Pressure (psig): -2.58 Final Pressure (psig): 7.49

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**210**	2.3	0.78	0.33	
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**3.1**	2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	**4.2**	4.6	0.78	0.33	**J**
108-88-3	Toluene	**3.9**	2.4	0.78	0.30	
591-78-6	2-Hexanone	**1.8**	4.6	0.78	0.30	**J**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**0.53**	2.4	0.78	0.32	**J**
100-41-4	Ethylbenzene	**1.1**	2.4	0.78	0.34	**J**
179601-23-1	m,p-Xylenes	**5.6**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**2.3**	2.4	0.78	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.62**	2.4	0.78	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.99**	2.4	0.78	0.34	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	**7.9**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -1.69 Final Pressure (psig): 7.96

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.3	1.4	0.57	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.3	1.4	0.38	
74-87-3	Chloromethane	**0.44**	2.3	1.4	0.37	**J**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**27**	23	3.6	1.6	
67-64-1	Acetone	**26**	23	12	5.2	
75-69-4	Trichlorofluoromethane	**1.2**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.1**	4.4	2.7	0.96	
75-09-2	Methylene Chloride	**2.1**	2.3	1.4	0.65	**J**
76-13-1	Trichlorotrifluoroethane	**0.46**	2.3	0.74	0.33	**J**
75-15-0	Carbon Disulfide	**1.4**	4.4	2.3	0.70	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**4.4**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	**42**	4.4	2.8	1.2	
110-54-3	n-Hexane	**1.1**	2.3	1.4	0.48	**J**
67-66-3	Chloroform	**0.55**	2.3	0.74	0.31	**J**
109-99-9	Tetrahydrofuran (THF)	0.74	4.4	0.74	0.29	**U**
107-06-2	1,2-Dichloroethane	0.74	2.3	0.74	0.26	**U**
71-43-2	Benzene	**0.90**	2.3	0.74	0.33	**J**
56-23-5	Carbon Tetrachloride	0.74	2.2	0.74	0.32	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-008

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00054

Initial Pressure (psig): -1.69 Final Pressure (psig): 7.96

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.4	1.5	0.65	**U**
75-27-4	Bromodichloromethane	0.74	2.3	0.74	0.33	**U**
79-01-6	Trichloroethene	0.74	2.2	0.74	0.31	**U**
123-91-1	1,4-Dioxane	0.74	2.3	0.74	0.27	**U**
142-82-5	n-Heptane	**0.54**	2.3	1.4	0.37	**J**
108-10-1	4-Methyl-2-pentanone	0.74	4.4	0.74	0.32	**U**
108-88-3	Toluene	**4.5**	2.3	0.74	0.28	
591-78-6	2-Hexanone	**0.85**	4.4	0.74	0.29	**J**
124-48-1	Dibromochloromethane	0.74	2.3	0.74	0.30	**U**
106-93-4	1,2-Dibromoethane	0.74	2.3	0.74	0.27	**U**
127-18-4	Tetrachloroethene	0.74	2.3	0.74	0.30	**U**
100-41-4	Ethylbenzene	**0.50**	2.3	0.74	0.33	**J**
179601-23-1	m,p-Xylenes	**2.1**	4.4	1.5	0.61	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.37	**U**
95-47-6	o-Xylene	**0.89**	2.3	0.74	0.33	**J**
108-67-8	1,3,5-Trimethylbenzene	0.74	2.3	0.74	0.33	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.68**	2.3	0.74	0.32	**J**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	1.3	2.3	1.3	0.57	**U**
1330-20-7	Xylenes, Total	**3.0**	4.4	1.5	0.61	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01286

Initial Pressure (psig): -3.50 Final Pressure (psig): 7.03

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.5	1.6	0.63	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.5	1.6	0.42	
74-87-3	Chloromethane	1.6	2.5	1.6	0.42	U
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	U
106-99-0	1,3-Butadiene	1.6	2.5	1.6	0.43	U
75-00-3	Chloroethane	1.6	2.5	1.6	0.32	U
64-17-5	Ethanol	**4.4**	26	4.0	1.8	J
67-64-1	Acetone	**8.7**	25	13	5.8	J
75-69-4	Trichlorofluoromethane	**1.2**	2.5	1.6	0.39	J
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	4.9	3.1	1.1	U
75-09-2	Methylene Chloride	1.6	2.5	1.6	0.73	U
76-13-1	Trichlorotrifluoroethane	**0.49**	2.6	0.82	0.37	J
75-15-0	Carbon Disulfide	**1.3**	4.9	2.6	0.78	J
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	U
78-93-3	2-Butanone (MEK)	**1.3**	4.9	1.6	0.53	J
141-78-6	Ethyl Acetate	3.2	4.9	3.2	1.4	U
110-54-3	n-Hexane	1.6	2.5	1.6	0.53	U
67-66-3	Chloroform	**0.37**	2.6	0.82	0.34	J
109-99-9	Tetrahydrofuran (THF)	**1.3**	4.9	0.82	0.32	J
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.29	U
71-43-2	Benzene	**0.64**	2.5	0.82	0.37	J
56-23-5	Carbon Tetrachloride	0.82	2.5	0.82	0.36	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-009

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01286

Initial Pressure (psig): -3.50 Final Pressure (psig): 7.03

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.9	1.6	0.73	**U**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	**0.41**	2.5	0.82	0.35	**J**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.31	**U**
142-82-5	n-Heptane	1.6	2.5	1.6	0.41	**U**
108-10-1	4-Methyl-2-pentanone	0.82	4.9	0.82	0.35	**U**
108-88-3	Toluene	**0.85**	2.5	0.82	0.32	**J**
591-78-6	2-Hexanone	0.82	4.9	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	0.82	2.5	0.82	0.33	**U**
100-41-4	Ethylbenzene	0.82	2.5	0.82	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.9	1.6	0.68	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.53	**U**
100-42-5	Styrene	1.6	2.5	1.6	0.42	**U**
95-47-6	o-Xylene	0.82	2.6	0.82	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.82	2.6	0.82	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	0.82	2.5	0.82	0.36	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	4.9	1.6	0.63	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.63	**U**
1330-20-7	Xylenes, Total	1.6	4.9	1.6	0.68	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00361

Initial Pressure (psig): -2.02 Final Pressure (psig): 9.74

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.0**	2.5	1.5	0.63	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.1**	2.5	1.5	0.42	
74-87-3	Chloromethane	**0.46**	2.5	1.5	0.41	**J**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**41**	26	4.0	1.8	
67-64-1	Acetone	**22**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**1.2**	2.5	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**8.7**	4.8	3.0	1.1	
75-09-2	Methylene Chloride	**4.5**	2.5	1.5	0.72	
76-13-1	Trichlorotrifluoroethane	**0.47**	2.6	0.82	0.37	**J**
75-15-0	Carbon Disulfide	**54**	4.8	2.6	0.77	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**5.1**	4.8	1.5	0.53	
141-78-6	Ethyl Acetate	**59**	4.8	3.1	1.4	
110-54-3	n-Hexane	**1.7**	2.5	1.5	0.53	**J**
67-66-3	Chloroform	**0.41**	2.6	0.82	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	0.82	4.8	0.82	0.32	**U**
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	**1.1**	2.5	0.82	0.37	**J**
56-23-5	Carbon Tetrachloride	0.82	2.5	0.82	0.36	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-010

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00361

Initial Pressure (psig): -2.02 Final Pressure (psig): 9.74

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.73**	4.8	1.6	0.72	**J**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	**0.70**	2.5	0.82	0.35	**J**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	**0.65**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**5.8**	2.5	0.82	0.31	
591-78-6	2-Hexanone	**0.44**	4.8	0.82	0.32	**J**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**0.45**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	**0.48**	2.5	0.82	0.36	**J**
179601-23-1	m,p-Xylenes	**1.7**	4.8	1.6	0.68	**J**
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**0.71**	2.6	0.82	0.37	**J**
108-67-8	1,3,5-Trimethylbenzene	0.82	2.6	0.82	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.62**	2.5	0.82	0.36	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.63	**U**
1330-20-7	Xylenes, Total	**2.4**	4.8	1.6	0.68	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00553

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.98

Container Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.5**	2.2	1.4	0.55	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	2.2	1.4	0.37	
74-87-3	Chloromethane	**0.54**	2.2	1.4	0.37	**J**
75-01-4	Vinyl Chloride	0.72	2.3	0.72	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.37	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**13**	23	3.5	1.6	**J**
67-64-1	Acetone	**25**	22	11	5.1	
75-69-4	Trichlorofluoromethane	**1.2**	2.2	1.4	0.34	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.8**	4.3	2.7	0.94	**J**
75-09-2	Methylene Chloride	**82**	2.2	1.4	0.64	
76-13-1	Trichlorotrifluoroethane	**0.53**	2.3	0.72	0.32	**J**
75-15-0	Carbon Disulfide	**2.8**	4.3	2.3	0.68	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**4.8**	4.3	1.4	0.47	
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**2.0**	2.2	1.4	0.47	**J**
67-66-3	Chloroform	0.72	2.3	0.72	0.30	**U**
109-99-9	Tetrahydrofuran (THF)	**18**	4.3	0.72	0.28	
107-06-2	1,2-Dichloroethane	0.72	2.2	0.72	0.25	**U**
71-43-2	Benzene	**4.7**	2.2	0.72	0.33	
56-23-5	Carbon Tetrachloride	0.72	2.2	0.72	0.31	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-011

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00553

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.98

Container Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.2**	4.3	1.4	0.64	**J**
75-27-4	Bromodichloromethane	0.72	2.2	0.72	0.33	**U**
79-01-6	Trichloroethene	**1.3**	2.2	0.72	0.31	**J**
123-91-1	1,4-Dioxane	0.72	2.2	0.72	0.27	**U**
142-82-5	n-Heptane	**0.75**	2.2	1.4	0.36	**J**
108-10-1	4-Methyl-2-pentanone	**0.31**	4.3	0.72	0.31	**J**
108-88-3	Toluene	**9.5**	2.2	0.72	0.28	
591-78-6	2-Hexanone	**0.73**	4.3	0.72	0.28	**J**
124-48-1	Dibromochloromethane	0.72	2.2	0.72	0.30	**U**
106-93-4	1,2-Dibromoethane	0.72	2.2	0.72	0.26	**U**
127-18-4	Tetrachloroethene	**0.31**	2.2	0.72	0.29	**J**
100-41-4	Ethylbenzene	**0.51**	2.2	0.72	0.32	**J**
179601-23-1	m,p-Xylenes	**4.0**	4.3	1.4	0.60	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**0.73**	2.3	0.72	0.33	**J**
108-67-8	1,3,5-Trimethylbenzene	0.72	2.3	0.72	0.33	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.77**	2.2	0.72	0.31	**J**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.55	**U**
91-20-3	Naphthalene	**1.5**	2.2	1.3	0.55	**J**
1330-20-7	Xylenes, Total	**4.8**	4.3	1.4	0.60	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00041

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.5**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.1**	2.4	1.5	0.40	
74-87-3	Chloromethane	**0.49**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**24**	25	3.8	1.7	**J**
67-64-1	Acetone	**13**	24	12	5.6	**J**
75-69-4	Trichlorofluoromethane	**1.9**	2.4	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.6**	4.6	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**0.43**	2.5	0.79	0.35	**J**
75-15-0	Carbon Disulfide	**2.4**	4.6	2.5	0.74	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**3.6**	4.6	1.5	0.51	**J**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	0.79	2.5	0.79	0.33	**U**
109-99-9	Tetrahydrofuran (THF)	**5.6**	4.6	0.79	0.31	
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	**U**
71-43-2	Benzene	**0.89**	2.4	0.79	0.36	**J**
56-23-5	Carbon Tetrachloride	**0.80**	2.4	0.79	0.34	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-012

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00041

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	**1.7**	2.4	0.79	0.33	**J**
123-91-1	1,4-Dioxane	**0.78**	2.4	0.79	0.29	**J**
142-82-5	n-Heptane	1.5	2.4	1.5	0.39	**U**
108-10-1	4-Methyl-2-pentanone	0.79	4.6	0.79	0.34	**U**
108-88-3	Toluene	**1.6**	2.4	0.79	0.30	**J**
591-78-6	2-Hexanone	**0.34**	4.6	0.79	0.31	**J**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.32	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**0.33**	2.4	0.79	0.32	**J**
100-41-4	Ethylbenzene	**0.41**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**1.2**	4.6	1.6	0.65	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	0.79	2.5	0.79	0.36	**U**
108-67-8	1,3,5-Trimethylbenzene	0.79	2.5	0.79	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.41**	2.4	0.79	0.34	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.60	**U**
1330-20-7	Xylenes, Total	**1.2**	4.6	1.6	0.65	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0090 Liter(s)
Test Notes:
Container ID: 1SS00790

Initial Pressure (psig): -4.08 Final Pressure (psig): 7.70

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**140**		120	75	30	
75-71-8	Dichlorodifluoromethane (CFC 12)		75	120	75	20	**U**
74-87-3	Chloromethane	**57**		120	75	20	**J**
75-01-4	Vinyl Chloride		40	120	40	13	**U**
106-99-0	1,3-Butadiene		75	120	75	21	**U**
75-00-3	Chloroethane		75	120	75	15	**U**
64-17-5	Ethanol	**320**		1,200	190	87	**J**
67-64-1	Acetone		630	1,200	630	280	**U**
75-69-4	Trichlorofluoromethane		75	120	75	19	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**79**		230	150	52	**J**
75-09-2	Methylene Chloride	**42**		120	75	35	**J**
76-13-1	Trichlorotrifluoroethane	**180**		120	40	18	
75-15-0	Carbon Disulfide	**130**		230	130	38	**J**
75-34-3	1,1-Dichloroethane		77	130	77	18	**U**
78-93-3	2-Butanone (MEK)	**35**		230	75	26	**J**
141-78-6	Ethyl Acetate		150	230	150	66	**U**
110-54-3	n-Hexane	**1,800**		120	75	26	
67-66-3	Chloroform		40	120	40	17	**U**
109-99-9	Tetrahydrofuran (THF)	**76**		230	40	16	**J**
107-06-2	1,2-Dichloroethane		40	120	40	14	**U**
71-43-2	Benzene	**6,200**		120	40	18	
56-23-5	Carbon Tetrachloride		40	120	40	17	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV137-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-013

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0090 Liter(s)
Test Notes:
Container ID: 1SS00790

Initial Pressure (psig): -4.08 Final Pressure (psig): 7.70

Container Dilution Factor: 2.11

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4,300**	230	80	35	
75-27-4	Bromodichloromethane	40	120	40	18	**U**
79-01-6	Trichloroethene	**49**	120	40	17	**J**
123-91-1	1,4-Dioxane	**120**	120	40	15	**J**
142-82-5	n-Heptane	**1,600**	120	75	20	
108-10-1	4-Methyl-2-pentanone	40	230	40	17	**U**
108-88-3	Toluene	**18,000**	120	40	15	
591-78-6	2-Hexanone	40	230	40	15	**U**
124-48-1	Dibromochloromethane	40	120	40	16	**U**
106-93-4	1,2-Dibromoethane	**530**	120	40	15	
127-18-4	Tetrachloroethene	**210**	120	40	16	
100-41-4	Ethylbenzene	**1,600**	120	40	18	
179601-23-1	m,p-Xylenes	**38,000**	230	80	33	
75-25-2	Bromoform	75	120	75	26	**U**
100-42-5	Styrene	75	120	75	20	**U**
95-47-6	o-Xylene	**22,000**	120	40	18	
108-67-8	1,3,5-Trimethylbenzene	**3,200**	120	40	18	
95-63-6	1,2,4-Trimethylbenzene	**3,100**	120	40	17	
120-82-1	1,2,4-Trichlorobenzene	75	230	75	30	**U**
91-20-3	Naphthalene	73	120	73	30	**U**
1330-20-7	Xylenes, Total	**59,000**	230	80	33	**E**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
E = Estimated; concentration exceeded calibration range.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01133

Initial Pressure (psig): -4.51 Final Pressure (psig): 7.42

Container Dilution Factor: 2.17

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.0**	2.8	1.7	0.71	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.8	1.7	0.47	**J**
74-87-3	Chloromethane	1.7	2.8	1.7	0.47	**U**
75-01-4	Vinyl Chloride	0.92	2.9	0.92	0.31	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**4.1**	29	4.5	2.0	**J**
67-64-1	Acetone	15	28	15	6.5	**U**
75-69-4	Trichlorofluoromethane	**2.7**	2.8	1.7	0.44	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.4	5.4	3.4	1.2	**U**
75-09-2	Methylene Chloride	**1.0**	2.8	1.7	0.81	**J**
76-13-1	Trichlorotrifluoroethane	**33**	2.9	0.92	0.41	
75-15-0	Carbon Disulfide	2.9	5.4	2.9	0.87	**U**
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.42	**U**
78-93-3	2-Butanone (MEK)	**0.84**	5.4	1.7	0.60	**J**
141-78-6	Ethyl Acetate	3.5	5.4	3.5	1.5	**U**
110-54-3	n-Hexane	1.7	2.8	1.7	0.60	**U**
67-66-3	Chloroform	**2.6**	2.9	0.92	0.39	**J**
109-99-9	Tetrahydrofuran (THF)	**1.8**	5.4	0.92	0.36	**J**
107-06-2	1,2-Dichloroethane	0.92	2.8	0.92	0.32	**U**
71-43-2	Benzene	**0.60**	2.8	0.92	0.42	**J**
56-23-5	Carbon Tetrachloride	**14**	2.8	0.92	0.40	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-014

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01133

Initial Pressure (psig): -4.51 Final Pressure (psig): 7.42

Container Dilution Factor: 2.17

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.8	5.4	1.8	0.81	**U**
75-27-4	Bromodichloromethane	0.92	2.8	0.92	0.42	**U**
79-01-6	Trichloroethene	**0.53**	2.8	0.92	0.39	**J**
123-91-1	1,4-Dioxane	0.92	2.8	0.92	0.34	**U**
142-82-5	n-Heptane	1.7	2.8	1.7	0.46	**U**
108-10-1	4-Methyl-2-pentanone	0.92	5.4	0.92	0.40	**U**
108-88-3	Toluene	**1.8**	2.8	0.92	0.35	**J**
591-78-6	2-Hexanone	0.92	5.4	0.92	0.36	**U**
124-48-1	Dibromochloromethane	0.92	2.8	0.92	0.38	**U**
106-93-4	1,2-Dibromoethane	0.92	2.8	0.92	0.34	**U**
127-18-4	Tetrachloroethene	**3.7**	2.8	0.92	0.37	
100-41-4	Ethylbenzene	0.92	2.8	0.92	0.41	**U**
179601-23-1	m,p-Xylenes	**4.2**	5.4	1.8	0.76	**J**
75-25-2	Bromoform	1.7	2.9	1.7	0.60	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.47	**U**
95-47-6	o-Xylene	**2.3**	2.9	0.92	0.42	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.74**	2.9	0.92	0.42	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	2.8	0.92	0.40	**J**
120-82-1	1,2,4-Trichlorobenzene	1.7	5.4	1.7	0.71	**U**
91-20-3	Naphthalene	**0.80**	2.8	1.7	0.71	**J**
1330-20-7	Xylenes, Total	**6.5**	5.4	1.8	0.76	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -4.36 Final Pressure (psig): 8.45

Container Dilution Factor: 2.24

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	2.9	1.8	0.73	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.9	1.8	0.49	**J**
74-87-3	Chloromethane	1.8	2.9	1.8	0.48	**U**
75-01-4	Vinyl Chloride	0.95	3.0	0.95	0.32	**U**
106-99-0	1,3-Butadiene	1.8	2.9	1.8	0.49	**U**
75-00-3	Chloroethane	1.8	2.9	1.8	0.37	**U**
64-17-5	Ethanol	**32**	30	4.6	2.1	
67-64-1	Acetone	**19**	29	15	6.7	**J**
75-69-4	Trichlorofluoromethane	**3.7**	2.9	1.8	0.45	
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.3**	5.6	3.5	1.2	**J**
75-09-2	Methylene Chloride	**0.99**	2.9	1.8	0.84	**J**
76-13-1	Trichlorotrifluoroethane	**48**	3.0	0.95	0.43	
75-15-0	Carbon Disulfide	**6.1**	5.6	3.0	0.90	
75-34-3	1,1-Dichloroethane	1.8	3.0	1.8	0.44	**U**
78-93-3	2-Butanone (MEK)	**2.9**	5.6	1.8	0.62	**J**
141-78-6	Ethyl Acetate	**11**	5.6	3.6	1.6	
110-54-3	n-Hexane	**0.66**	2.9	1.8	0.62	**J**
67-66-3	Chloroform	**6.6**	3.0	0.95	0.40	
109-99-9	Tetrahydrofuran (THF)	**8.3**	5.6	0.95	0.38	
107-06-2	1,2-Dichloroethane	0.95	2.9	0.95	0.33	**U**
71-43-2	Benzene	**0.64**	2.9	0.95	0.43	**J**
56-23-5	Carbon Tetrachloride	**20**	2.9	0.95	0.41	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-015

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00169

Initial Pressure (psig): -4.36 Final Pressure (psig): 8.45

Container Dilution Factor: 2.24

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.8**	5.6	1.9	0.84	**J**
75-27-4	Bromodichloromethane	0.95	2.9	0.95	0.43	**U**
79-01-6	Trichloroethene	0.95	2.9	0.95	0.40	**U**
123-91-1	1,4-Dioxane	**0.66**	2.9	0.95	0.35	**J**
142-82-5	n-Heptane	**6.9**	2.9	1.8	0.48	
108-10-1	4-Methyl-2-pentanone	0.95	5.6	0.95	0.41	**U**
108-88-3	Toluene	**5.4**	2.9	0.95	0.36	
591-78-6	2-Hexanone	0.95	5.6	0.95	0.37	**U**
124-48-1	Dibromochloromethane	0.95	2.9	0.95	0.39	**U**
106-93-4	1,2-Dibromoethane	0.95	2.9	0.95	0.35	**U**
127-18-4	Tetrachloroethene	**0.49**	2.9	0.95	0.39	**J**
100-41-4	Ethylbenzene	0.95	2.9	0.95	0.42	**U**
179601-23-1	m,p-Xylenes	**2.7**	5.6	1.9	0.78	**J**
75-25-2	Bromoform	1.8	3.0	1.8	0.62	**U**
100-42-5	Styrene	**0.54**	2.9	1.8	0.48	**J**
95-47-6	o-Xylene	**1.2**	3.0	0.95	0.43	**J**
108-67-8	1,3,5-Trimethylbenzene	0.95	3.0	0.95	0.43	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.81**	2.9	0.95	0.41	**J**
120-82-1	1,2,4-Trichlorobenzene	1.8	5.6	1.8	0.73	**U**
91-20-3	Naphthalene	1.7	2.9	1.7	0.73	**U**
1330-20-7	Xylenes, Total	**3.8**	5.6	1.9	0.78	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00487

Initial Pressure (psig): -2.98 Final Pressure (psig): 6.30

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.69**	2.3	1.4	0.58	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.3	1.4	0.39	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.76	2.4	0.76	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.30	**U**
64-17-5	Ethanol	**6.8**	24	3.7	1.7	**J**
67-64-1	Acetone	**19**	23	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**4.1**	2.3	1.4	0.36	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.8	4.5	2.8	0.98	**U**
75-09-2	Methylene Chloride	**4.0**	2.3	1.4	0.67	
76-13-1	Trichlorotrifluoroethane	**53**	2.4	0.76	0.34	
75-15-0	Carbon Disulfide	**6.5**	4.5	2.4	0.72	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**3.3**	4.5	1.4	0.49	**J**
141-78-6	Ethyl Acetate	**2.4**	4.5	2.9	1.3	**J**
110-54-3	n-Hexane	1.4	2.3	1.4	0.49	**U**
67-66-3	Chloroform	**7.6**	2.4	0.76	0.32	
109-99-9	Tetrahydrofuran (THF)	**9.9**	4.5	0.76	0.30	
107-06-2	1,2-Dichloroethane	0.76	2.3	0.76	0.26	**U**
71-43-2	Benzene	**0.48**	2.3	0.76	0.34	**J**
56-23-5	Carbon Tetrachloride	**23**	2.3	0.76	0.33	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-050-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-016

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00487

Initial Pressure (psig): -2.98 Final Pressure (psig): 6.30

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.67	**U**
75-27-4	Bromodichloromethane	0.76	2.3	0.76	0.34	**U**
79-01-6	Trichloroethene	**0.59**	2.3	0.76	0.32	**J**
123-91-1	1,4-Dioxane	**0.90**	2.3	0.76	0.28	**J**
142-82-5	n-Heptane	1.4	2.3	1.4	0.38	**U**
108-10-1	4-Methyl-2-pentanone	0.76	4.5	0.76	0.33	**U**
108-88-3	Toluene	**1.5**	2.3	0.76	0.29	**J**
591-78-6	2-Hexanone	**0.38**	4.5	0.76	0.30	**J**
124-48-1	Dibromochloromethane	0.76	2.3	0.76	0.31	**U**
106-93-4	1,2-Dibromoethane	0.76	2.3	0.76	0.28	**U**
127-18-4	Tetrachloroethene	**0.47**	2.3	0.76	0.31	**J**
100-41-4	Ethylbenzene	0.76	2.3	0.76	0.34	**U**
179601-23-1	m,p-Xylenes	**3.1**	4.5	1.5	0.63	**J**
75-25-2	Bromoform	1.4	2.4	1.4	0.49	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**1.5**	2.4	0.76	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.35**	2.4	0.76	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.69**	2.3	0.76	0.33	**J**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.58	**U**
91-20-3	Naphthalene	1.4	2.3	1.4	0.58	**U**
1330-20-7	Xylenes, Total	**4.6**	4.5	1.5	0.63	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00703

Initial Pressure (psig): -3.61 Final Pressure (psig): 8.01

Container Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**40**	21	13	5.3	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.5**	21	13	3.6	**J**
74-87-3	Chloromethane	13	21	13	3.5	**U**
75-01-4	Vinyl Chloride	7.0	22	7.0	2.3	**U**
106-99-0	1,3-Butadiene	13	21	13	3.6	**U**
75-00-3	Chloroethane	13	21	13	2.7	**U**
64-17-5	Ethanol	34	220	34	15	**U**
67-64-1	Acetone	110	210	110	49	**U**
75-69-4	Trichlorofluoromethane	**36**	21	13	3.3	
67-63-0	2-Propanol (Isopropyl Alcohol)	26	41	26	9.0	**U**
75-09-2	Methylene Chloride	13	21	13	6.2	**U**
76-13-1	Trichlorotrifluoroethane	**650**	22	7.0	3.1	
75-15-0	Carbon Disulfide	22	41	22	6.6	**U**
75-34-3	1,1-Dichloroethane	14	22	14	3.2	**U**
78-93-3	2-Butanone (MEK)	13	41	13	4.5	**U**
141-78-6	Ethyl Acetate	27	41	27	11	**U**
110-54-3	n-Hexane	**930**	21	13	4.5	
67-66-3	Chloroform	**190**	22	7.0	2.9	
109-99-9	Tetrahydrofuran (THF)	**19**	41	7.0	2.7	**J**
107-06-2	1,2-Dichloroethane	7.0	21	7.0	2.4	**U**
71-43-2	Benzene	**3.4**	21	7.0	3.2	**J**
56-23-5	Carbon Tetrachloride	**230**	21	7.0	3.0	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-017

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00703

Initial Pressure (psig): -3.61 Final Pressure (psig): 8.01

Container Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,200**	41	14	6.2	
75-27-4	Bromodichloromethane	7.0	21	7.0	3.2	**U**
79-01-6	Trichloroethene	7.0	21	7.0	3.0	**U**
123-91-1	1,4-Dioxane	7.0	21	7.0	2.6	**U**
142-82-5	n-Heptane	**160**	21	13	3.5	
108-10-1	4-Methyl-2-pentanone	7.0	41	7.0	3.0	**U**
108-88-3	Toluene	7.0	21	7.0	2.7	**U**
591-78-6	2-Hexanone	7.0	41	7.0	2.7	**U**
124-48-1	Dibromochloromethane	7.0	21	7.0	2.9	**U**
106-93-4	1,2-Dibromoethane	7.0	21	7.0	2.5	**U**
127-18-4	Tetrachloroethene	7.0	21	7.0	2.8	**U**
100-41-4	Ethylbenzene	7.0	21	7.0	3.1	**U**
179601-23-1	m,p-Xylenes	14	41	14	5.7	**U**
75-25-2	Bromoform	13	22	13	4.5	**U**
100-42-5	Styrene	13	21	13	3.5	**U**
95-47-6	o-Xylene	7.0	22	7.0	3.2	**U**
108-67-8	1,3,5-Trimethylbenzene	7.0	22	7.0	3.2	**U**
95-63-6	1,2,4-Trimethylbenzene	7.0	21	7.0	3.0	**U**
120-82-1	1,2,4-Trichlorobenzene	13	41	13	5.3	**U**
91-20-3	Naphthalene	13	21	13	5.3	**U**
1330-20-7	Xylenes, Total	14	41	14	5.7	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01136

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.86

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.4	2.3	1.4	0.57	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.8**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**11**	23	3.6	1.6	**J**
67-64-1	Acetone	12	23	12	5.3	**U**
75-69-4	Trichlorofluoromethane	**53**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	4.4	2.8	0.96	**J**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**500**	23	7.4	3.3	**D**
75-15-0	Carbon Disulfide	**2.4**	4.4	2.4	0.70	**J**
75-34-3	1,1-Dichloroethane	1.4	2.4	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**3.1**	4.4	1.4	0.48	**J**
141-78-6	Ethyl Acetate	**2.3**	4.4	2.8	1.2	**J**
110-54-3	n-Hexane	**4.3**	2.3	1.4	0.48	
67-66-3	Chloroform	**530**	23	7.4	3.1	**D**
109-99-9	Tetrahydrofuran (THF)	**3.2**	4.4	0.74	0.29	**J**
107-06-2	1,2-Dichloroethane	0.74	2.3	0.74	0.26	**U**
71-43-2	Benzene	**66**	2.3	0.74	0.34	
56-23-5	Carbon Tetrachloride	**130**	2.2	0.74	0.32	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-019

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01136

Initial Pressure (psig): -2.95 Final Pressure (psig): 5.86

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**45**	4.4	1.5	0.66	
75-27-4	Bromodichloromethane	**11**	2.3	0.74	0.34	
79-01-6	Trichloroethene	**3.5**	2.2	0.74	0.32	
123-91-1	1,4-Dioxane	0.74	2.3	0.74	0.28	**U**
142-82-5	n-Heptane	**5.0**	2.3	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.74	4.4	0.74	0.32	**U**
108-88-3	Toluene	**30**	2.3	0.74	0.28	
591-78-6	2-Hexanone	0.74	4.4	0.74	0.29	**U**
124-48-1	Dibromochloromethane	0.74	2.3	0.74	0.31	**U**
106-93-4	1,2-Dibromoethane	0.74	2.3	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**3.1**	2.3	0.74	0.30	
100-41-4	Ethylbenzene	**0.49**	2.3	0.74	0.33	**J**
179601-23-1	m,p-Xylenes	**2.1**	4.4	1.5	0.61	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**1.4**	2.3	0.74	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	0.74	2.3	0.74	0.34	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.60**	2.3	0.74	0.32	**J**
120-82-1	1,2,4-Trichlorobenzene	**0.58**	4.4	1.4	0.57	**J**
91-20-3	Naphthalene	**0.84**	2.3	1.4	0.57	**J**
1330-20-7	Xylenes, Total	**3.5**	4.4	1.5	0.61	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00670

Initial Pressure (psig): -3.41 Final Pressure (psig): 11.61

Container Dilution Factor: 2.33

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5.8**	3.0	1.9	0.76	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	3.0	1.9	0.51	**J**
74-87-3	Chloromethane	**50**	3.0	1.9	0.50	
75-01-4	Vinyl Chloride	**6.5**	3.1	0.99	0.33	
106-99-0	1,3-Butadiene	**1.2**	3.0	1.9	0.51	**J**
75-00-3	Chloroethane	**8.3**	3.0	1.9	0.38	
64-17-5	Ethanol	**15**	31	4.8	2.2	**J**
67-64-1	Acetone	**65**	30	16	7.0	
75-69-4	Trichlorofluoromethane	**9.0**	3.0	1.9	0.47	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	5.8	3.7	1.3	**J**
75-09-2	Methylene Chloride	1.9	3.0	1.9	0.87	**U**
76-13-1	Trichlorotrifluoroethane	**110**	3.1	0.99	0.44	
75-15-0	Carbon Disulfide	**61**	5.8	3.1	0.93	
75-34-3	1,1-Dichloroethane	**0.62**	3.1	1.9	0.45	**J**
78-93-3	2-Butanone (MEK)	**10**	5.8	1.9	0.64	
141-78-6	Ethyl Acetate	3.8	5.8	3.8	1.6	**U**
110-54-3	n-Hexane	**1.3**	3.0	1.9	0.64	**J**
67-66-3	Chloroform	**50**	3.1	0.99	0.41	
109-99-9	Tetrahydrofuran (THF)	**24**	5.8	0.99	0.39	
107-06-2	1,2-Dichloroethane	**4.2**	3.0	0.99	0.34	
71-43-2	Benzene	**2.3**	3.0	0.99	0.45	**J**
56-23-5	Carbon Tetrachloride	**94**	3.0	0.99	0.43	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-020

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00670

Initial Pressure (psig): -3.41 Final Pressure (psig): 11.61

Container Dilution Factor: 2.33

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.0	5.8	2.0	0.87	**U**
75-27-4	Bromodichloromethane	**4.3**	3.0	0.99	0.45	
79-01-6	Trichloroethene	**12**	3.0	0.99	0.42	
123-91-1	1,4-Dioxane	0.99	3.0	0.99	0.37	**U**
142-82-5	n-Heptane	**1.3**	3.0	1.9	0.50	**J**
108-10-1	4-Methyl-2-pentanone	**0.65**	5.8	0.99	0.43	**J**
108-88-3	Toluene	**2.6**	3.0	0.99	0.38	**J**
591-78-6	2-Hexanone	**1.8**	5.8	0.99	0.38	**J**
124-48-1	Dibromochloromethane	**0.44**	3.0	0.99	0.41	**J**
106-93-4	1,2-Dibromoethane	0.99	3.0	0.99	0.36	**U**
127-18-4	Tetrachloroethene	**4.7**	3.0	0.99	0.40	
100-41-4	Ethylbenzene	**3.5**	3.0	0.99	0.44	
179601-23-1	m,p-Xylenes	**13**	5.8	2.0	0.82	
75-25-2	Bromoform	1.9	3.1	1.9	0.64	**U**
100-42-5	Styrene	1.9	3.0	1.9	0.50	**U**
95-47-6	o-Xylene	**2.9**	3.1	0.99	0.45	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.45**	3.1	0.99	0.45	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.55**	3.0	0.99	0.43	**J**
120-82-1	1,2,4-Trichlorobenzene	1.9	5.8	1.9	0.76	**U**
91-20-3	Naphthalene	1.8	3.0	1.8	0.76	**U**
1330-20-7	Xylenes, Total	**16**	5.8	2.0	0.82	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.99

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.62**	2.2	1.4	0.56	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.2	1.4	0.37	**J**
74-87-3	Chloromethane	**0.46**	2.2	1.4	0.37	**J**
75-01-4	Vinyl Chloride	0.73	2.3	0.73	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**4.4**	23	3.5	1.6	**J**
67-64-1	Acetone	**22**	22	12	5.1	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.7	4.3	2.7	0.94	**U**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.64	**U**
76-13-1	Trichlorotrifluoroethane	**0.57**	2.3	0.73	0.32	**J**
75-15-0	Carbon Disulfide	**1.3**	4.3	2.3	0.68	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**3.8**	4.3	1.4	0.47	**J**
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	1.4	2.2	1.4	0.47	**U**
67-66-3	Chloroform	**4.5**	2.3	0.73	0.30	
109-99-9	Tetrahydrofuran (THF)	**0.77**	4.3	0.73	0.29	**J**
107-06-2	1,2-Dichloroethane	0.73	2.2	0.73	0.25	**U**
71-43-2	Benzene	**0.36**	2.2	0.73	0.33	**J**
56-23-5	Carbon Tetrachloride	**4.9**	2.2	0.73	0.32	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-025-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-021

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.99

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.3	1.5	0.64	**U**
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	0.73	2.2	0.73	0.31	**U**
123-91-1	1,4-Dioxane	0.73	2.2	0.73	0.27	**U**
142-82-5	n-Heptane	**1.2**	2.2	1.4	0.36	**J**
108-10-1	4-Methyl-2-pentanone	0.73	4.3	0.73	0.31	**U**
108-88-3	Toluene	**4.2**	2.2	0.73	0.28	
591-78-6	2-Hexanone	**1.0**	4.3	0.73	0.28	**J**
124-48-1	Dibromochloromethane	0.73	2.2	0.73	0.30	**U**
106-93-4	1,2-Dibromoethane	0.73	2.2	0.73	0.27	**U**
127-18-4	Tetrachloroethene	**0.63**	2.2	0.73	0.29	**J**
100-41-4	Ethylbenzene	**3.2**	2.2	0.73	0.32	
179601-23-1	m,p-Xylenes	**19**	4.3	1.5	0.60	
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**5.6**	2.3	0.73	0.33	
108-67-8	1,3,5-Trimethylbenzene	**7.1**	2.3	0.73	0.33	
95-63-6	1,2,4-Trimethylbenzene	**31**	2.2	0.73	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**5.0**	2.2	1.3	0.56	
1330-20-7	Xylenes, Total	**24**	4.3	1.5	0.60	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00751

Initial Pressure (psig): -4.97 Final Pressure (psig): 7.65

Container Dilution Factor: 2.30

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.8	3.0	1.8	0.75	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.2**	3.0	1.8	0.50	
74-87-3	Chloromethane	**0.92**	3.0	1.8	0.49	**J**
75-01-4	Vinyl Chloride	0.98	3.0	0.98	0.33	**U**
106-99-0	1,3-Butadiene	1.8	3.0	1.8	0.51	**U**
75-00-3	Chloroethane	1.8	3.0	1.8	0.38	**U**
64-17-5	Ethanol	**34**	30	4.8	2.1	
67-64-1	Acetone	**34**	30	16	6.9	
75-69-4	Trichlorofluoromethane	**1.5**	2.9	1.8	0.47	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.7**	5.8	3.6	1.3	**J**
75-09-2	Methylene Chloride	**2.6**	3.0	1.8	0.86	**J**
76-13-1	Trichlorotrifluoroethane	**0.77**	3.0	0.98	0.44	**J**
75-15-0	Carbon Disulfide	**4.0**	5.8	3.1	0.92	**J**
75-34-3	1,1-Dichloroethane	1.9	3.1	1.9	0.45	**U**
78-93-3	2-Butanone (MEK)	**3.3**	5.8	1.8	0.63	**J**
141-78-6	Ethyl Acetate	**3.0**	5.8	3.7	1.6	**J**
110-54-3	n-Hexane	**2.2**	3.0	1.8	0.63	**J**
67-66-3	Chloroform	**6.3**	3.0	0.98	0.41	
109-99-9	Tetrahydrofuran (THF)	**0.88**	5.8	0.98	0.39	**J**
107-06-2	1,2-Dichloroethane	0.98	3.0	0.98	0.34	**U**
71-43-2	Benzene	**0.95**	3.0	0.98	0.44	**J**
56-23-5	Carbon Tetrachloride	**5.8**	2.9	0.98	0.43	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-050-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-022

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00751

Initial Pressure (psig): -4.97 Final Pressure (psig): 7.65

Container Dilution Factor: 2.30

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.0**	5.8	2.0	0.86	**J**
75-27-4	Bromodichloromethane	0.98	3.0	0.98	0.44	**U**
79-01-6	Trichloroethene	0.98	2.9	0.98	0.41	**U**
123-91-1	1,4-Dioxane	**0.47**	3.0	0.98	0.36	**J**
142-82-5	n-Heptane	**1.4**	3.0	1.8	0.49	**J**
108-10-1	4-Methyl-2-pentanone	0.98	5.8	0.98	0.42	**U**
108-88-3	Toluene	**5.0**	3.0	0.98	0.37	
591-78-6	2-Hexanone	**0.80**	5.8	0.98	0.38	**J**
124-48-1	Dibromochloromethane	0.98	3.0	0.98	0.40	**U**
106-93-4	1,2-Dibromoethane	0.98	3.0	0.98	0.36	**U**
127-18-4	Tetrachloroethene	**0.76**	3.0	0.98	0.40	**J**
100-41-4	Ethylbenzene	**1.6**	3.0	0.98	0.43	**J**
179601-23-1	m,p-Xylenes	**7.5**	5.8	2.0	0.81	
75-25-2	Bromoform	1.8	3.0	1.8	0.63	**U**
100-42-5	Styrene	1.8	3.0	1.8	0.49	**U**
95-47-6	o-Xylene	**2.1**	3.0	0.98	0.44	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.8**	3.0	0.98	0.44	**J**
95-63-6	1,2,4-Trimethylbenzene	**7.1**	3.0	0.98	0.43	
120-82-1	1,2,4-Trichlorobenzene	1.8	5.8	1.8	0.75	**U**
91-20-3	Naphthalene	1.8	3.0	1.8	0.75	**U**
1330-20-7	Xylenes, Total	**9.6**	5.8	2.0	0.81	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00092

Initial Pressure (psig): -3.40 Final Pressure (psig): 7.13

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.63	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**2.9**	26	4.0	1.8	**J**
67-64-1	Acetone	**8.8**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**0.68**	2.5	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	4.8	3.0	1.1	**U**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	0.82	2.6	0.82	0.37	**U**
75-15-0	Carbon Disulfide	**2.3**	4.8	2.6	0.77	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**1.0**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	**2.1**	4.8	3.1	1.4	**J**
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**3.1**	2.6	0.82	0.34	
109-99-9	Tetrahydrofuran (THF)	**20**	4.8	0.82	0.32	
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	0.82	2.5	0.82	0.37	**U**
56-23-5	Carbon Tetrachloride	**7.5**	2.5	0.82	0.36	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-023

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00092

Initial Pressure (psig): -3.40 Final Pressure (psig): 7.13

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	0.82	2.5	0.82	0.35	**U**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	**0.69**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	**0.41**	4.8	0.82	0.35	**J**
108-88-3	Toluene	**2.6**	2.5	0.82	0.31	
591-78-6	2-Hexanone	0.82	4.8	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**0.61**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	**1.6**	2.5	0.82	0.36	**J**
179601-23-1	m,p-Xylenes	**8.9**	4.8	1.6	0.68	
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**2.6**	2.6	0.82	0.37	
108-67-8	1,3,5-Trimethylbenzene	**2.8**	2.6	0.82	0.37	
95-63-6	1,2,4-Trimethylbenzene	**13**	2.5	0.82	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	**2.9**	2.5	1.5	0.63	
1330-20-7	Xylenes, Total	**12**	4.8	1.6	0.68	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00219

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.43

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.91**	2.8	1.7	0.71	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**16**	2.8	1.7	0.47	
74-87-3	Chloromethane	**0.75**	2.8	1.7	0.47	**J**
75-01-4	Vinyl Chloride	0.93	2.9	0.93	0.31	**U**
106-99-0	1,3-Butadiene	1.7	2.8	1.7	0.48	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**4.0**	29	4.5	2.0	**J**
67-64-1	Acetone	15	28	15	6.5	**U**
75-69-4	Trichlorofluoromethane	**1.6**	2.8	1.7	0.44	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	3.4	5.5	3.4	1.2	**U**
75-09-2	Methylene Chloride	1.7	2.8	1.7	0.82	**U**
76-13-1	Trichlorotrifluoroethane	**0.59**	2.9	0.93	0.41	**J**
75-15-0	Carbon Disulfide	**11**	5.5	2.9	0.87	
75-34-3	1,1-Dichloroethane	1.8	2.9	1.8	0.43	**U**
78-93-3	2-Butanone (MEK)	**1.9**	5.5	1.7	0.60	**J**
141-78-6	Ethyl Acetate	3.5	5.5	3.5	1.5	**U**
110-54-3	n-Hexane	1.7	2.8	1.7	0.60	**U**
67-66-3	Chloroform	**1.4**	2.9	0.93	0.39	**J**
109-99-9	Tetrahydrofuran (THF)	**13**	5.5	0.93	0.37	
107-06-2	1,2-Dichloroethane	0.93	2.8	0.93	0.32	**U**
71-43-2	Benzene	**0.72**	2.8	0.93	0.42	**J**
56-23-5	Carbon Tetrachloride	**2.6**	2.8	0.93	0.40	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-024

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00219

Initial Pressure (psig): -5.02 Final Pressure (psig): 6.43

Container Dilution Factor: 2.18

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.9	5.5	1.9	0.82	**U**
75-27-4	Bromodichloromethane	0.93	2.8	0.93	0.42	**U**
79-01-6	Trichloroethene	**1.8**	2.8	0.93	0.39	**J**
123-91-1	1,4-Dioxane	0.93	2.8	0.93	0.34	**U**
142-82-5	n-Heptane	**1.9**	2.8	1.7	0.46	**J**
108-10-1	4-Methyl-2-pentanone	0.93	5.5	0.93	0.40	**U**
108-88-3	Toluene	**6.5**	2.8	0.93	0.35	
591-78-6	2-Hexanone	0.93	5.5	0.93	0.36	**U**
124-48-1	Dibromochloromethane	0.93	2.8	0.93	0.38	**U**
106-93-4	1,2-Dibromoethane	0.93	2.8	0.93	0.34	**U**
127-18-4	Tetrachloroethene	0.93	2.8	0.93	0.38	**U**
100-41-4	Ethylbenzene	**4.7**	2.8	0.93	0.41	
179601-23-1	m,p-Xylenes	**26**	5.5	1.9	0.76	
75-25-2	Bromoform	1.7	2.9	1.7	0.60	**U**
100-42-5	Styrene	1.7	2.8	1.7	0.47	**U**
95-47-6	o-Xylene	**8.1**	2.9	0.93	0.42	
108-67-8	1,3,5-Trimethylbenzene	**9.4**	2.9	0.93	0.42	
95-63-6	1,2,4-Trimethylbenzene	**40**	2.8	0.93	0.40	
120-82-1	1,2,4-Trichlorobenzene	1.7	5.5	1.7	0.71	**U**
91-20-3	Naphthalene	**6.1**	2.8	1.7	0.71	
1330-20-7	Xylenes, Total	**34**	5.5	1.9	0.76	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-025

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -3.50 Final Pressure (psig): 5.63

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.8**	2.4	1.5	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**23**	2.4	1.5	0.40	
74-87-3	Chloromethane	**0.76**	2.4	1.5	0.39	**J**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**6.4**	24	3.8	1.7	**J**
67-64-1	Acetone	**250**	24	12	5.5	
75-69-4	Trichlorofluoromethane	**2.4**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**0.48**	2.4	0.77	0.35	**J**
75-15-0	Carbon Disulfide	**5.1**	4.6	2.5	0.73	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**13**	4.6	1.5	0.50	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**0.60**	2.4	1.5	0.50	**J**
67-66-3	Chloroform	0.77	2.4	0.77	0.32	**U**
109-99-9	Tetrahydrofuran (THF)	**5.5**	4.6	0.77	0.30	
107-06-2	1,2-Dichloroethane	0.77	2.4	0.77	0.27	**U**
71-43-2	Benzene	**20**	2.4	0.77	0.35	
56-23-5	Carbon Tetrachloride	0.77	2.3	0.77	0.34	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-025

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -3.50 Final Pressure (psig): 5.63

Container Dilution Factor: 1.82

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**14**	4.6	1.5	0.68	
75-27-4	Bromodichloromethane	0.77	2.4	0.77	0.35	**U**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.33	**U**
123-91-1	1,4-Dioxane	0.77	2.4	0.77	0.29	**U**
142-82-5	n-Heptane	**0.89**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	**0.87**	4.6	0.77	0.33	**J**
108-88-3	Toluene	**2.7**	2.4	0.77	0.30	
591-78-6	2-Hexanone	**1.6**	4.6	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.4	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.4	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**1.3**	2.4	0.77	0.31	**J**
100-41-4	Ethylbenzene	**1.9**	2.4	0.77	0.34	**J**
179601-23-1	m,p-Xylenes	**8.6**	4.6	1.5	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**2.6**	2.4	0.77	0.35	
108-67-8	1,3,5-Trimethylbenzene	**2.7**	2.4	0.77	0.35	
95-63-6	1,2,4-Trimethylbenzene	**11**	2.4	0.77	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	**2.7**	2.4	1.4	0.59	
1330-20-7	Xylenes, Total	**11**	4.6	1.5	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-026

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC01225

Initial Pressure (psig): -4.69 Final Pressure (psig): 7.29

Container Dilution Factor: 2.20

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.1**	5.7	3.5	1.4	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**8.6**	5.7	3.5	0.96	
74-87-3	Chloromethane	**7.3**	5.7	3.5	0.95	
75-01-4	Vinyl Chloride	**0.75**	5.8	1.9	0.63	**J**
106-99-0	1,3-Butadiene	3.5	5.7	3.5	0.97	**U**
75-00-3	Chloroethane	**1.2**	5.7	3.5	0.73	**J**
64-17-5	Ethanol	**30**	58	9.1	4.1	**J**
67-64-1	Acetone	**390**	57	30	13	
75-69-4	Trichlorofluoromethane	**1.3**	5.6	3.5	0.89	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.8**	11	6.9	2.4	**J**
75-09-2	Methylene Chloride	3.5	5.7	3.5	1.7	**U**
76-13-1	Trichlorotrifluoroethane	1.9	5.8	1.9	0.84	**U**
75-15-0	Carbon Disulfide	**15**	11	5.9	1.8	
75-34-3	1,1-Dichloroethane	3.6	5.9	3.6	0.86	**U**
78-93-3	2-Butanone (MEK)	**320**	11	3.5	1.2	
141-78-6	Ethyl Acetate	7.2	11	7.2	3.1	**U**
110-54-3	n-Hexane	**4.1**	5.7	3.5	1.2	**J**
67-66-3	Chloroform	**1.7**	5.8	1.9	0.78	**J**
109-99-9	Tetrahydrofuran (THF)	**110**	11	1.9	0.74	
107-06-2	1,2-Dichloroethane	**0.91**	5.7	1.9	0.65	**J**
71-43-2	Benzene	**53**	5.7	1.9	0.85	
56-23-5	Carbon Tetrachloride	**2.8**	5.6	1.9	0.81	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-026

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC01225

Initial Pressure (psig): -4.69 Final Pressure (psig): 7.29

Container Dilution Factor: 2.20

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**20**	11	3.7	1.7	
75-27-4	Bromodichloromethane	1.9	5.7	1.9	0.85	**U**
79-01-6	Trichloroethene	**2.2**	5.6	1.9	0.79	**J**
123-91-1	1,4-Dioxane	1.9	5.7	1.9	0.69	**U**
142-82-5	n-Heptane	**4.1**	5.7	3.5	0.94	**J**
108-10-1	4-Methyl-2-pentanone	**4.3**	11	1.9	0.80	**J**
108-88-3	Toluene	**42**	5.7	1.9	0.72	
591-78-6	2-Hexanone	1.9	11	1.9	0.73	**U**
124-48-1	Dibromochloromethane	1.9	5.7	1.9	0.77	**U**
106-93-4	1,2-Dibromoethane	1.9	5.7	1.9	0.68	**U**
127-18-4	Tetrachloroethene	**1.7**	5.7	1.9	0.76	**J**
100-41-4	Ethylbenzene	**7.6**	5.7	1.9	0.83	
179601-23-1	m,p-Xylenes	**36**	11	3.7	1.5	
75-25-2	Bromoform	3.5	5.8	3.5	1.2	**U**
100-42-5	Styrene	3.5	5.7	3.5	0.95	**U**
95-47-6	o-Xylene	**10**	5.8	1.9	0.85	
108-67-8	1,3,5-Trimethylbenzene	**10**	5.8	1.9	0.85	
95-63-6	1,2,4-Trimethylbenzene	**42**	5.7	1.9	0.81	
120-82-1	1,2,4-Trichlorobenzene	3.5	11	3.5	1.4	**U**
91-20-3	Naphthalene	**4.9**	5.7	3.4	1.4	**J**
1330-20-7	Xylenes, Total	**46**	11	3.7	1.5	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-027

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SS00122

Initial Pressure (psig): -4.53 Final Pressure (psig): 6.41

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.8**	5.4	3.3	1.4	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**8.7**	5.4	3.3	0.90	
74-87-3	Chloromethane	**7.1**	5.4	3.3	0.89	
75-01-4	Vinyl Chloride	**0.82**	5.5	1.8	0.59	**J**
106-99-0	1,3-Butadiene	3.3	5.4	3.3	0.92	**U**
75-00-3	Chloroethane	**1.3**	5.4	3.3	0.69	**J**
64-17-5	Ethanol	**13**	55	8.6	3.8	**J**
67-64-1	Acetone	**180**	54	28	12	
75-69-4	Trichlorofluoromethane	**1.2**	5.3	3.3	0.84	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.9**	10	6.6	2.3	**J**
75-09-2	Methylene Chloride	3.3	5.4	3.3	1.6	**U**
76-13-1	Trichlorotrifluoroethane	1.8	5.5	1.8	0.79	**U**
75-15-0	Carbon Disulfide	**35**	10	5.6	1.7	
75-34-3	1,1-Dichloroethane	3.4	5.6	3.4	0.81	**U**
78-93-3	2-Butanone (MEK)	**140**	10	3.3	1.1	
141-78-6	Ethyl Acetate	6.8	10	6.8	2.9	**U**
110-54-3	n-Hexane	**3.5**	5.4	3.3	1.1	**J**
67-66-3	Chloroform	**1.8**	5.5	1.8	0.74	**J**
109-99-9	Tetrahydrofuran (THF)	**49**	10	1.8	0.70	
107-06-2	1,2-Dichloroethane	**0.90**	5.4	1.8	0.61	**J**
71-43-2	Benzene	**61**	5.4	1.8	0.80	
56-23-5	Carbon Tetrachloride	**2.8**	5.3	1.8	0.77	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV140-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-027

Test Code: EPA TO-15 Date Collected: 4/12/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SS00122

Initial Pressure (psig): -4.53 Final Pressure (psig): 6.41

Container Dilution Factor: 2.08

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**20**	10	3.5	1.6	
75-27-4	Bromodichloromethane	1.8	5.4	1.8	0.80	**U**
79-01-6	Trichloroethene	1.8	5.3	1.8	0.75	**U**
123-91-1	1,4-Dioxane	**2.5**	5.4	1.8	0.66	**J**
142-82-5	n-Heptane	**1.5**	5.4	3.3	0.88	**J**
108-10-1	4-Methyl-2-pentanone	**3.3**	10	1.8	0.76	**J**
108-88-3	Toluene	**36**	5.4	1.8	0.68	
591-78-6	2-Hexanone	1.8	10	1.8	0.69	**U**
124-48-1	Dibromochloromethane	1.8	5.4	1.8	0.73	**U**
106-93-4	1,2-Dibromoethane	1.8	5.4	1.8	0.64	**U**
127-18-4	Tetrachloroethene	**0.93**	5.4	1.8	0.72	**J**
100-41-4	Ethylbenzene	**2.6**	5.4	1.8	0.78	**J**
179601-23-1	m,p-Xylenes	**8.7**	10	3.5	1.5	**J**
75-25-2	Bromoform	3.3	5.5	3.3	1.1	**U**
100-42-5	Styrene	3.3	5.4	3.3	0.89	**U**
95-47-6	o-Xylene	**2.8**	5.5	1.8	0.80	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.0**	5.5	1.8	0.80	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.0**	5.4	1.8	0.77	
120-82-1	1,2,4-Trichlorobenzene	3.3	10	3.3	1.4	**U**
91-20-3	Naphthalene	3.2	5.4	3.2	1.4	**U**
1330-20-7	Xylenes, Total	**11**	10	3.5	1.5	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE12-410-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-028

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/6 - 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01296

Initial Pressure (psig): -4.10 Final Pressure (psig): 10.59

Container Dilution Factor: 2.39

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.9	3.1	1.9	0.78	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**730**	31	19	5.2	**D**
74-87-3	Chloromethane	1.9	3.1	1.9	0.51	**U**
75-01-4	Vinyl Chloride	1.0	3.2	1.0	0.34	**U**
106-99-0	1,3-Butadiene	1.9	3.1	1.9	0.53	**U**
75-00-3	Chloroethane	1.9	3.1	1.9	0.39	**U**
64-17-5	Ethanol	**23**	32	5.0	2.2	**J**
67-64-1	Acetone	**17**	31	16	7.2	**J**
75-69-4	Trichlorofluoromethane	**56**	3.0	1.9	0.48	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.8**	6.0	3.8	1.3	**J**
75-09-2	Methylene Chloride	1.9	3.1	1.9	0.90	**U**
76-13-1	Trichlorotrifluoroethane	**40**	3.2	1.0	0.45	
75-15-0	Carbon Disulfide	**2.2**	6.0	3.2	0.96	**J**
75-34-3	1,1-Dichloroethane	**1.0**	3.2	2.0	0.47	**J**
78-93-3	2-Butanone (MEK)	**7.5**	6.0	1.9	0.66	
141-78-6	Ethyl Acetate	3.9	6.0	3.9	1.7	**U**
110-54-3	n-Hexane	**1.5**	3.1	1.9	0.66	**J**
67-66-3	Chloroform	**1.2**	3.2	1.0	0.42	**J**
109-99-9	Tetrahydrofuran (THF)	**1.2**	6.0	1.0	0.40	**J**
107-06-2	1,2-Dichloroethane	1.0	3.1	1.0	0.35	**U**
71-43-2	Benzene	**5.7**	3.1	1.0	0.46	
56-23-5	Carbon Tetrachloride	**41**	3.0	1.0	0.44	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE12-410-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-028

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/6 - 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01296

Initial Pressure (psig): -4.10 Final Pressure (psig): 10.59

Container Dilution Factor: 2.39

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	2.0	6.0	2.0	0.90	**U**
75-27-4	Bromodichloromethane	1.0	3.1	1.0	0.46	**U**
79-01-6	Trichloroethene	**86**	3.0	1.0	0.43	
123-91-1	1,4-Dioxane	1.0	3.1	1.0	0.38	**U**
142-82-5	n-Heptane	**1.4**	3.1	1.9	0.51	**J**
108-10-1	4-Methyl-2-pentanone	1.0	6.0	1.0	0.44	**U**
108-88-3	Toluene	**3.7**	3.1	1.0	0.39	
591-78-6	2-Hexanone	**0.75**	6.0	1.0	0.39	**J**
124-48-1	Dibromochloromethane	1.0	3.1	1.0	0.42	**U**
106-93-4	1,2-Dibromoethane	1.0	3.1	1.0	0.37	**U**
127-18-4	Tetrachloroethene	**32**	3.1	1.0	0.41	
100-41-4	Ethylbenzene	**1.1**	3.1	1.0	0.45	**J**
179601-23-1	m,p-Xylenes	2.0	6.0	2.0	0.84	**U**
75-25-2	Bromoform	1.9	3.2	1.9	0.66	**U**
100-42-5	Styrene	1.9	3.1	1.9	0.51	**U**
95-47-6	o-Xylene	1.0	3.2	1.0	0.46	**U**
108-67-8	1,3,5-Trimethylbenzene	1.0	3.2	1.0	0.46	**U**
95-63-6	1,2,4-Trimethylbenzene	1.0	3.1	1.0	0.44	**U**
120-82-1	1,2,4-Trichlorobenzene	1.9	6.0	1.9	0.78	**U**
91-20-3	Naphthalene	1.9	3.1	1.9	0.78	**U**
1330-20-7	Xylenes, Total	2.0	6.0	2.0	0.84	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-029

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01244

Initial Pressure (psig): -2.63 Final Pressure (psig): 8.15

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**18**	2.5	1.5	0.61	
75-71-8	Dichlorodifluoromethane (CFC 12)	**59**	2.5	1.5	0.41	
74-87-3	Chloromethane	**0.99**	2.5	1.5	0.41	**J**
75-01-4	Vinyl Chloride	0.80	2.5	0.80	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.31	**U**
64-17-5	Ethanol	**33**	25	3.9	1.7	
67-64-1	Acetone	13	25	13	5.7	**U**
75-69-4	Trichlorofluoromethane	**8.5**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**210**	4.7	3.0	1.0	
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**160**	2.5	0.80	0.36	
75-15-0	Carbon Disulfide	**4.9**	4.7	2.6	0.76	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**6.3**	4.7	1.5	0.52	
141-78-6	Ethyl Acetate	3.1	4.7	3.1	1.3	**U**
110-54-3	n-Hexane	**2.0**	2.5	1.5	0.52	**J**
67-66-3	Chloroform	**1.5**	2.5	0.80	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**180**	4.7	0.80	0.32	
107-06-2	1,2-Dichloroethane	0.80	2.5	0.80	0.28	**U**
71-43-2	Benzene	**0.76**	2.5	0.80	0.36	**J**
56-23-5	Carbon Tetrachloride	**320**	2.4	0.80	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-150-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-029

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01244

Initial Pressure (psig): -2.63 Final Pressure (psig): 8.15

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**44**	4.7	1.6	0.71	
75-27-4	Bromodichloromethane	0.80	2.5	0.80	0.36	**U**
79-01-6	Trichloroethene	**110**	2.4	0.80	0.34	
123-91-1	1,4-Dioxane	0.80	2.5	0.80	0.30	**U**
142-82-5	n-Heptane	**3.6**	2.5	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	0.80	4.7	0.80	0.34	**U**
108-88-3	Toluene	**1.1**	2.5	0.80	0.31	**J**
591-78-6	2-Hexanone	0.80	4.7	0.80	0.31	**U**
124-48-1	Dibromochloromethane	0.80	2.5	0.80	0.33	**U**
106-93-4	1,2-Dibromoethane	0.80	2.5	0.80	0.29	**U**
127-18-4	Tetrachloroethene	**89**	2.5	0.80	0.33	
100-41-4	Ethylbenzene	0.80	2.5	0.80	0.35	**U**
179601-23-1	m,p-Xylenes	1.6	4.7	1.6	0.66	**U**
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	0.80	2.5	0.80	0.36	**U**
108-67-8	1,3,5-Trimethylbenzene	0.80	2.5	0.80	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	0.80	2.5	0.80	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.61	**U**
1330-20-7	Xylenes, Total	1.6	4.7	1.6	0.66	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-030

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01258

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.03

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.9**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**63**	2.6	1.6	0.44	
74-87-3	Chloromethane	**0.63**	2.6	1.6	0.43	**J**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**18**	27	4.2	1.9	**J**
67-64-1	Acetone	14	26	14	6.1	**U**
75-69-4	Trichlorofluoromethane	**8.5**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.76	**U**
76-13-1	Trichlorotrifluoroethane	**150**	2.7	0.86	0.38	
75-15-0	Carbon Disulfide	**2.6**	5.1	2.7	0.81	**J**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**8.6**	5.1	1.6	0.56	
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	**9.8**	2.6	1.6	0.56	
67-66-3	Chloroform	**1.8**	2.7	0.86	0.36	**J**
109-99-9	Tetrahydrofuran (THF)	**100**	5.1	0.86	0.34	
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**0.62**	2.6	0.86	0.39	**J**
56-23-5	Carbon Tetrachloride	**320**	2.6	0.86	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-250-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-030

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01258

Initial Pressure (psig): -4.45 Final Pressure (psig): 6.03

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**160**	5.1	1.7	0.76	
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	**140**	2.6	0.86	0.36	
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	**1.9**	2.6	1.6	0.43	**J**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**0.99**	2.6	0.86	0.33	**J**
591-78-6	2-Hexanone	0.86	5.1	0.86	0.33	**U**
124-48-1	Dibromochloromethane	0.86	2.6	0.86	0.35	**U**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**100**	2.6	0.86	0.35	
100-41-4	Ethylbenzene	0.86	2.6	0.86	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.1	1.7	0.71	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.86	2.7	0.86	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.86	2.6	0.86	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	1.7	5.1	1.7	0.71	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-031

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7 - 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01291

Initial Pressure (psig): -3.30 Final Pressure (psig): 8.28

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.83**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**890**	26	16	4.4	**D**
74-87-3	Chloromethane	**2.3**	2.6	1.6	0.43	**J**
75-01-4	Vinyl Chloride	**0.79**	2.7	0.86	0.29	**J**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**28**	27	4.2	1.9	
67-64-1	Acetone	**440**	26	14	6.1	
75-69-4	Trichlorofluoromethane	**81**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.4**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.76	**U**
76-13-1	Trichlorotrifluoroethane	**55**	2.7	0.86	0.38	
75-15-0	Carbon Disulfide	**6.3**	5.1	2.7	0.81	
75-34-3	1,1-Dichloroethane	**2.1**	2.7	1.7	0.39	**J**
78-93-3	2-Butanone (MEK)	**260**	5.1	1.6	0.56	
141-78-6	Ethyl Acetate	**19**	5.1	3.3	1.4	
110-54-3	n-Hexane	**1.2**	2.6	1.6	0.56	**J**
67-66-3	Chloroform	**3.5**	2.7	0.86	0.36	
109-99-9	Tetrahydrofuran (THF)	**330**	5.1	0.86	0.34	
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	**4.4**	2.6	0.86	0.39	
56-23-5	Carbon Tetrachloride	**64**	2.6	0.86	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-350-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-031

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/7 - 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01291

Initial Pressure (psig): -3.30 Final Pressure (psig): 8.28

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.77**	5.1	1.7	0.76	**J**
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	**200**	2.6	0.86	0.36	
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	**2.0**	2.6	1.6	0.43	**J**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	**8.8**	2.6	0.86	0.33	
591-78-6	2-Hexanone	**1.1**	5.1	0.86	0.33	**J**
124-48-1	Dibromochloromethane	0.86	2.6	0.86	0.35	**U**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**43**	2.6	0.86	0.35	
100-41-4	Ethylbenzene	**0.44**	2.6	0.86	0.38	**J**
179601-23-1	m,p-Xylenes	**1.3**	5.1	1.7	0.71	**J**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**0.59**	2.7	0.86	0.39	**J**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.86	2.6	0.86	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	**1.9**	5.1	1.7	0.71	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-032

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01292

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.71

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.76**	2.5	1.5	0.62	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**11**	2.5	1.5	0.41	
74-87-3	Chloromethane	**0.41**	2.5	1.5	0.41	**J**
75-01-4	Vinyl Chloride	**1.2**	2.5	0.81	0.27	**J**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.31	**U**
64-17-5	Ethanol	**25**	25	3.9	1.8	**J**
67-64-1	Acetone	**8.7**	25	13	5.7	**J**
75-69-4	Trichlorofluoromethane	**0.52**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.6**	4.8	3.0	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**0.42**	2.5	0.81	0.36	**J**
75-15-0	Carbon Disulfide	**2.5**	4.8	2.6	0.76	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**8.5**	4.8	1.5	0.52	
141-78-6	Ethyl Acetate	**1.9**	4.8	3.1	1.3	**J**
110-54-3	n-Hexane	**0.79**	2.5	1.5	0.52	**J**
67-66-3	Chloroform	0.81	2.5	0.81	0.34	**U**
109-99-9	Tetrahydrofuran (THF)	**5.0**	4.8	0.81	0.32	
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**0.71**	2.5	0.81	0.37	**J**
56-23-5	Carbon Tetrachloride	**1.9**	2.4	0.81	0.35	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-212** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-032

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01292

Initial Pressure (psig): -3.46 Final Pressure (psig): 6.71

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.71	**U**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	**0.76**	2.4	0.81	0.34	**J**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**1.1**	2.5	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.81	4.8	0.81	0.35	**U**
108-88-3	Toluene	**1.9**	2.5	0.81	0.31	**J**
591-78-6	2-Hexanone	**0.93**	4.8	0.81	0.31	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.29	**U**
127-18-4	Tetrachloroethene	**2.3**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	0.81	2.5	0.81	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.8	1.6	0.67	**U**
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	0.81	2.5	0.81	0.37	**U**
108-67-8	1,3,5-Trimethylbenzene	0.81	2.5	0.81	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	0.81	2.5	0.81	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.62	**U**
1330-20-7	Xylenes, Total	1.6	4.8	1.6	0.67	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-033

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01293

Initial Pressure (psig): -3.24 Final Pressure (psig): 6.75

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.90**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**11**	2.4	1.5	0.41	
74-87-3	Chloromethane	**0.77**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	**1.8**	2.5	0.79	0.27	**J**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**27**	25	3.9	1.7	
67-64-1	Acetone	**11**	24	13	5.6	**J**
75-69-4	Trichlorofluoromethane	**0.49**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	4.7	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.70	**U**
76-13-1	Trichlorotrifluoroethane	**0.40**	2.5	0.79	0.36	**J**
75-15-0	Carbon Disulfide	**4.8**	4.7	2.5	0.75	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**9.4**	4.7	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.7	3.0	1.3	**U**
110-54-3	n-Hexane	**4.0**	2.4	1.5	0.51	
67-66-3	Chloroform	0.79	2.5	0.79	0.33	**U**
109-99-9	Tetrahydrofuran (THF)	**11**	4.7	0.79	0.31	
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.28	**U**
71-43-2	Benzene	**1.2**	2.4	0.79	0.36	**J**
56-23-5	Carbon Tetrachloride	**2.0**	2.4	0.79	0.35	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV14-450-612** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102163-033

Test Code: EPA TO-15 Date Collected: 4/13/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/16/21
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01293

Initial Pressure (psig): -3.24 Final Pressure (psig): 6.75

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.6**	4.7	1.6	0.70	**J**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	**0.83**	2.4	0.79	0.34	**J**
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**6.2**	2.4	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	0.79	4.7	0.79	0.34	**U**
108-88-3	Toluene	**3.2**	2.4	0.79	0.30	
591-78-6	2-Hexanone	**1.5**	4.7	0.79	0.31	**J**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.33	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**2.4**	2.4	0.79	0.32	**J**
100-41-4	Ethylbenzene	0.79	2.4	0.79	0.35	**U**
179601-23-1	m,p-Xylenes	**0.85**	4.7	1.6	0.65	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	0.79	2.5	0.79	0.36	**U**
108-67-8	1,3,5-Trimethylbenzene	0.79	2.5	0.79	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	0.79	2.4	0.79	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.61	**U**
1330-20-7	Xylenes, Total	**0.85**	4.7	1.6	0.65	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102163

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/5 - 5/8/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210505-MB	**100**	**103**	**97**	70-130	
Method Blank	P210506-MB	**98**	**105**	**98**	70-130	
Method Blank	P210507-MB	**98**	**103**	**98**	70-130	
Method Blank	P210507-MB	**99**	**103**	**98**	70-130	
Method Blank	P210508-MB	**97**	**105**	**98**	70-130	
Lab Control Sample	P210505-LCS	**97**	**99**	**95**	70-130	
Lab Control Sample	P210506-LCS	**95**	**100**	**97**	70-130	
Lab Control Sample	P210507-LCS	**95**	**100**	**98**	70-130	
Lab Control Sample	P210507-LCS	**95**	**99**	**98**	70-130	
Lab Control Sample	P210508-LCS	**94**	**100**	**98**	70-130	
Duplicate Lab Control Sample	P210505-DLCS	**97**	**99**	**96**	70-130	
Duplicate Lab Control Sample	P210506-DLCS	**95**	**101**	**97**	70-130	
Duplicate Lab Control Sample	P210507-DLCS	**95**	**100**	**97**	70-130	
Duplicate Lab Control Sample	P210507-DLCS	**96**	**99**	**98**	70-130	
Duplicate Lab Control Sample	P210508-DLCS	**94**	**100**	**97**	70-130	
SV135-025-212	P2102163-001	**97**	**102**	**101**	70-130	
SV135-050-212	P2102163-002	**99**	**103**	**100**	70-130	
SV135-150-212	P2102163-003	**99**	**102**	**99**	70-130	
SV135-250-612	P2102163-004	**99**	**103**	**100**	70-130	
SV135-250-212	P2102163-005	**100**	**103**	**98**	70-130	
SV135-350-212	P2102163-006	**98**	**104**	**101**	70-130	
SV135-450-212	P2102163-007	**97**	**103**	**100**	70-130	
SV137-025-212	P2102163-008	**97**	**103**	**101**	70-130	
SV137-050-212	P2102163-009	**99**	**103**	**98**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102163

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/12/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/5 - 5/8/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV137-150-212	P2102163-010	**95**	**104**	**105**	70-130	
SV137-250-212	P2102163-011	**94**	**105**	**107**	70-130	
SV137-350-212	P2102163-012	**96**	**104**	**103**	70-130	
SV137-450-212	P2102163-013	**98**	**102**	**99**	70-130	
SV139-025-212	P2102163-014	**99**	**103**	**97**	70-130	
SV139-050-212	P2102163-015	**99**	**104**	**98**	70-130	
SV139-050-612	P2102163-016	**99**	**104**	**99**	70-130	
SV139-150-212	P2102163-017	**95**	**103**	**101**	70-130	
SV139-350-212	P2102163-019	**97**	**104**	**99**	70-130	
SV139-450-212	P2102163-020	**97**	**103**	**99**	70-130	
SV140-025-212	P2102163-021	**98**	**105**	**100**	70-130	
SV140-050-212	P2102163-022	**98**	**104**	**98**	70-130	
SV140-150-212	P2102163-023	**98**	**104**	**98**	70-130	
SV140-250-212	P2102163-024	**99**	**105**	**98**	70-130	
SV140-350-212	P2102163-025	**95**	**106**	**104**	70-130	
SV140-450-612	P2102163-026	**95**	**103**	**101**	70-130	
SV140-450-212	P2102163-027	**96**	**104**	**102**	70-130	
SVE12-410-212	P2102163-028	**98**	**103**	**98**	70-130	
SV14-150-212	P2102163-029	**97**	**103**	**100**	70-130	
SV14-250-212	P2102163-030	**96**	**102**	**99**	70-130	
SV14-350-212	P2102163-031	**96**	**103**	**99**	70-130	
SV14-450-212	P2102163-032	**98**	**103**	**100**	70-130	
SV14-450-612	P2102163-033	**97**	**104**	**99**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	196	185	**93**	**88**	57-136	6	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	195	189	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	206	231	218	**112**	**106**	59-132	6	25	
75-01-4	Vinyl Chloride	208	220	211	**106**	**101**	64-127	5	25	
106-99-0	1,3-Butadiene	210	251	242	**120**	**115**	66-134	4	25	
75-00-3	Chloroethane	204	228	218	**112**	**107**	63-127	5	25	
64-17-5	Ethanol	998	1040	1000	**104**	**100**	59-125	4	25	
67-64-1	Acetone	1,030	1030	1000	**100**	**97**	58-128	3	25	
75-69-4	Trichlorofluoromethane	204	195	190	**96**	**93**	62-126	3	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	420	409	**103**	**100**	52-125	3	25	
75-09-2	Methylene Chloride	208	211	205	**101**	**99**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	206	202	**96**	**94**	66-126	2	25	
75-15-0	Carbon Disulfide	428	443	431	**104**	**101**	57-134	3	25	
75-34-3	1,1-Dichloroethane	212	210	204	**99**	**96**	68-126	3	25	
78-93-3	2-Butanone (MEK)	412	436	427	**106**	**104**	67-130	2	25	
141-78-6	Ethyl Acetate	422	577	570	**137**	**135**	65-128	1	25	**L**
110-54-3	n-Hexane	212	201	197	**95**	**93**	63-120	2	25	
67-66-3	Chloroform	214	206	201	**96**	**94**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	400	401	390	**100**	**98**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	207	202	**100**	**97**	65-128	3	25	
71-43-2	Benzene	204	182	177	**89**	**87**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	203	198	**97**	**94**	68-132	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210505-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	423	412	**102**	**99**	70-117	3	25	
75-27-4	Bromodichloromethane	210	210	206	**100**	**98**	72-128	2	25	
79-01-6	Trichloroethene	206	204	199	**99**	**97**	71-123	2	25	
123-91-1	1,4-Dioxane	208	197	192	**95**	**92**	71-122	3	25	
142-82-5	n-Heptane	210	214	209	**102**	**100**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	458	448	**110**	**108**	67-130	2	25	
108-88-3	Toluene	206	193	191	**94**	**93**	66-119	1	25	
591-78-6	2-Hexanone	404	425	421	**105**	**104**	62-128	1	25	
124-48-1	Dibromochloromethane	210	225	222	**107**	**106**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	222	218	**107**	**105**	74-122	2	25	
127-18-4	Tetrachloroethene	206	195	193	**95**	**94**	66-124	1	25	
100-41-4	Ethylbenzene	206	203	200	**99**	**97**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	406	402	**99**	**98**	61-134	1	25	
75-25-2	Bromoform	208	230	228	**111**	**110**	66-139	0.9	25	
100-42-5	Styrene	206	198	196	**96**	**95**	73-127	1	25	
95-47-6	o-Xylene	206	202	199	**98**	**97**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	202	199	**98**	**97**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	205	203	**100**	**100**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	406	397	**105**	**102**	55-142	3	25	
91-20-3	Naphthalene	198	219	215	**111**	**109**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	189	187	**90**	**89**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	195	192	**93**	**91**	59-128	2	25	
74-87-3	Chloromethane	206	224	220	**109**	**107**	59-132	2	25	
75-01-4	Vinyl Chloride	208	215	214	**103**	**103**	64-127	0	25	
106-99-0	1,3-Butadiene	210	242	239	**115**	**114**	66-134	0.9	25	
75-00-3	Chloroethane	204	218	219	**107**	**107**	63-127	0	25	
64-17-5	Ethanol	998	967	982	**97**	**98**	59-125	1	25	
67-64-1	Acetone	1,030	984	993	**96**	**96**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	192	193	**94**	**95**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	392	399	**96**	**98**	52-125	2	25	
75-09-2	Methylene Chloride	208	206	207	**99**	**100**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	204	205	**95**	**96**	66-126	1	25	
75-15-0	Carbon Disulfide	428	431	433	**101**	**101**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	202	204	**95**	**96**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	422	427	**102**	**104**	67-130	2	25	
141-78-6	Ethyl Acetate	422	555	565	**132**	**134**	65-128	2	25	**L**
110-54-3	n-Hexane	212	191	195	**90**	**92**	63-120	2	25	
67-66-3	Chloroform	214	201	203	**94**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	389	393	**97**	**98**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	200	203	**96**	**98**	65-128	2	25	
71-43-2	Benzene	204	177	178	**87**	**87**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	201	202	**96**	**96**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210506-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	412	415	**99**	**100**	70-117	1	25	
75-27-4	Bromodichloromethane	210	206	207	**98**	**99**	72-128	1	25	
79-01-6	Trichloroethene	206	202	203	**98**	**99**	71-123	1	25	
123-91-1	1,4-Dioxane	208	192	194	**92**	**93**	71-122	1	25	
142-82-5	n-Heptane	210	207	209	**99**	**100**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	437	445	**105**	**107**	67-130	2	25	
108-88-3	Toluene	206	195	197	**95**	**96**	66-119	1	25	
591-78-6	2-Hexanone	404	413	423	**102**	**105**	62-128	3	25	
124-48-1	Dibromochloromethane	210	230	230	**110**	**110**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	224	226	**108**	**109**	74-122	0.9	25	
127-18-4	Tetrachloroethene	206	200	201	**97**	**98**	66-124	1	25	
100-41-4	Ethylbenzene	206	206	208	**100**	**101**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	410	406	**100**	**99**	61-134	1	25	
75-25-2	Bromoform	208	237	237	**114**	**114**	66-139	0	25	
100-42-5	Styrene	206	201	203	**98**	**99**	73-127	1	25	
95-47-6	o-Xylene	206	205	206	**100**	**100**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	205	206	**100**	**100**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	209	211	**102**	**103**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	410	414	**106**	**107**	55-142	0.9	25	
91-20-3	Naphthalene	198	219	223	**111**	**113**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	191	184	**91**	**88**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	195	188	**93**	**90**	59-128	3	25	
74-87-3	Chloromethane	206	226	216	**110**	**105**	59-132	5	25	
75-01-4	Vinyl Chloride	208	217	211	**104**	**101**	64-127	3	25	
106-99-0	1,3-Butadiene	210	243	236	**116**	**112**	66-134	4	25	
75-00-3	Chloroethane	204	223	217	**109**	**106**	63-127	3	25	
64-17-5	Ethanol	998	983	972	**98**	**97**	59-125	1	25	
67-64-1	Acetone	1,030	993	977	**96**	**95**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	192	189	**94**	**93**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	395	392	**97**	**96**	52-125	1	25	
75-09-2	Methylene Chloride	208	206	203	**99**	**98**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	206	203	**96**	**95**	66-126	1	25	
75-15-0	Carbon Disulfide	428	435	427	**102**	**100**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	203	201	**96**	**95**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	424	419	**103**	**102**	67-130	1	25	
141-78-6	Ethyl Acetate	422	560	557	**133**	**132**	65-128	0.8	25	**L**
110-54-3	n-Hexane	212	193	192	**91**	**91**	63-120	0	25	
67-66-3	Chloroform	214	202	199	**94**	**93**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	390	386	**98**	**97**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	200	199	**96**	**96**	65-128	0	25	
71-43-2	Benzene	204	176	176	**86**	**86**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	198	197	**94**	**94**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	412	410	**99**	**99**	70-117	0	25	
75-27-4	Bromodichloromethane	210	205	204	**98**	**97**	72-128	1	25	
79-01-6	Trichloroethene	206	201	200	**98**	**97**	71-123	1	25	
123-91-1	1,4-Dioxane	208	192	191	**92**	**92**	71-122	0	25	
142-82-5	n-Heptane	210	206	206	**98**	**98**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	438	438	**105**	**105**	67-130	0	25	
108-88-3	Toluene	206	193	193	**94**	**94**	66-119	0	25	
591-78-6	2-Hexanone	404	412	413	**102**	**102**	62-128	0	25	
124-48-1	Dibromochloromethane	210	226	225	**108**	**107**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	222	221	**107**	**106**	74-122	0.9	25	
127-18-4	Tetrachloroethene	206	196	195	**95**	**95**	66-124	0	25	
100-41-4	Ethylbenzene	206	203	202	**99**	**98**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	396	403	**96**	**98**	61-134	2	25	
75-25-2	Bromoform	208	232	231	**112**	**111**	66-139	0.9	25	
100-42-5	Styrene	206	198	197	**96**	**96**	73-127	0	25	
95-47-6	o-Xylene	206	201	200	**98**	**97**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	202	201	**98**	**98**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	205	204	**100**	**100**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	406	403	**105**	**104**	55-142	1	25	
91-20-3	Naphthalene	198	218	217	**110**	**110**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	189	184	**90**	**88**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	189	187	**90**	**89**	59-128	1	25	
74-87-3	Chloromethane	206	224	216	**109**	**105**	59-132	4	25	
75-01-4	Vinyl Chloride	208	213	210	**102**	**101**	64-127	1	25	
106-99-0	1,3-Butadiene	210	237	235	**113**	**112**	66-134	0.9	25	
75-00-3	Chloroethane	204	221	217	**108**	**106**	63-127	2	25	
64-17-5	Ethanol	998	979	973	**98**	**97**	59-125	1	25	
67-64-1	Acetone	1,030	981	976	**95**	**95**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	189	187	**93**	**92**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	394	394	**97**	**97**	52-125	0	25	
75-09-2	Methylene Chloride	208	204	202	**98**	**97**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	201	200	**94**	**93**	66-126	1	25	
75-15-0	Carbon Disulfide	428	427	425	**100**	**99**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	201	201	**95**	**95**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	418	419	**101**	**102**	67-130	1	25	
141-78-6	Ethyl Acetate	422	556	557	**132**	**132**	65-128	0	25	**L**
110-54-3	n-Hexane	212	191	191	**90**	**90**	63-120	0	25	
67-66-3	Chloroform	214	198	198	**93**	**93**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	385	379	**96**	**95**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	197	197	**95**	**95**	65-128	0	25	
71-43-2	Benzene	204	174	173	**85**	**85**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	194	194	**92**	**92**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210507-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	406	405	**98**	**97**	70-117	1	25	
75-27-4	Bromodichloromethane	210	202	201	**96**	**96**	72-128	0	25	
79-01-6	Trichloroethene	206	197	196	**96**	**95**	71-123	1	25	
123-91-1	1,4-Dioxane	208	189	189	**91**	**91**	71-122	0	25	
142-82-5	n-Heptane	210	204	204	**97**	**97**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	434	435	**104**	**105**	67-130	1	25	
108-88-3	Toluene	206	187	186	**91**	**90**	66-119	1	25	
591-78-6	2-Hexanone	404	403	402	**100**	**100**	62-128	0	25	
124-48-1	Dibromochloromethane	210	218	216	**104**	**103**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	214	214	**103**	**103**	74-122	0	25	
127-18-4	Tetrachloroethene	206	189	188	**92**	**91**	66-124	1	25	
100-41-4	Ethylbenzene	206	196	195	**95**	**95**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	391	389	**95**	**94**	61-134	1	25	
75-25-2	Bromoform	208	224	222	**108**	**107**	66-139	0.9	25	
100-42-5	Styrene	206	191	191	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	206	195	193	**95**	**94**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	195	193	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	198	197	**97**	**97**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	391	389	**101**	**100**	55-142	1	25	
91-20-3	Naphthalene	198	210	211	**106**	**107**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	177	178	**84**	**85**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	184	183	**88**	**87**	59-128	1	25	
74-87-3	Chloromethane	206	212	207	**103**	**100**	59-132	3	25	
75-01-4	Vinyl Chloride	208	204	204	**98**	**98**	64-127	0	25	
106-99-0	1,3-Butadiene	210	228	228	**109**	**109**	66-134	0	25	
75-00-3	Chloroethane	204	207	209	**101**	**102**	63-127	1	25	
64-17-5	Ethanol	998	911	925	**91**	**93**	59-125	2	25	
67-64-1	Acetone	1,030	928	940	**90**	**91**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	182	183	**89**	**90**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	370	374	**91**	**92**	52-125	1	25	
75-09-2	Methylene Chloride	208	194	196	**93**	**94**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	195	197	**91**	**92**	66-126	1	25	
75-15-0	Carbon Disulfide	428	408	410	**95**	**96**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	190	193	**90**	**91**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	399	404	**97**	**98**	67-130	1	25	
141-78-6	Ethyl Acetate	422	522	534	**124**	**127**	65-128	2	25	
110-54-3	n-Hexane	212	180	184	**85**	**87**	63-120	2	25	
67-66-3	Chloroform	214	191	193	**89**	**90**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	367	373	**92**	**93**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	189	192	**91**	**92**	65-128	1	25	
71-43-2	Benzene	204	168	170	**82**	**83**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	191	191	**91**	**91**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

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Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210508-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	393	396	**94**	**95**	70-117	1	25	
75-27-4	Bromodichloromethane	210	196	197	**93**	**94**	72-128	1	25	
79-01-6	Trichloroethene	206	193	194	**94**	**94**	71-123	0	25	
123-91-1	1,4-Dioxane	208	184	185	**88**	**89**	71-122	1	25	
142-82-5	n-Heptane	210	196	198	**93**	**94**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	415	420	**100**	**101**	67-130	1	25	
108-88-3	Toluene	206	186	186	**90**	**90**	66-119	0	25	
591-78-6	2-Hexanone	404	388	395	**96**	**98**	62-128	2	25	
124-48-1	Dibromochloromethane	210	219	219	**104**	**104**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	214	214	**103**	**103**	74-122	0	25	
127-18-4	Tetrachloroethene	206	190	191	**92**	**93**	66-124	1	25	
100-41-4	Ethylbenzene	206	195	196	**95**	**95**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	389	382	**94**	**93**	61-134	1	25	
75-25-2	Bromoform	208	224	226	**108**	**109**	66-139	0.9	25	
100-42-5	Styrene	206	191	191	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	206	193	194	**94**	**94**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	195	194	**95**	**94**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	198	198	**97**	**97**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	390	393	**101**	**101**	55-142	0	25	
91-20-3	Naphthalene	198	209	211	**106**	**107**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05052101.D
Analyst: Simon Cao Date Analyzed: 5/5/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 13:39
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	170677		9.15	769888		11.11		404214		15.45	
	Upper Limit	238948		9.48	1077843		11.44		565900		15.78	
	Lower Limit	102406		8.82	461933		10.78		242528		15.12	
	Client Sample ID											
01	Method Blank	156035		9.12	713345		11.10		362365		15.44	
02	Lab Control Sample	163447		9.15	733779		11.11		385825		15.45	
03	Duplicate Lab Control Sample	164796		9.15	741469		11.11		386020		15.45	
04	SV135-350-212	153928		9.12	695869		11.10		346151		15.44	
05	SV135-450-212	154416		9.13	693489		11.10		350438		15.44	
06	SV137-025-212	155229		9.12	698924		11.10		354819		15.45	
07	SV135-025-212	153035		9.12	691910		11.10		353840		15.45	
08	SV135-050-212	160207		9.12	731439		11.10		375112		15.44	
09	SV135-150-212	161127		9.12	739631		11.10		383461		15.44	
10	SV135-250-612	158870		9.12	724768		11.10		368028		15.44	
11												
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18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05062101.D
Analyst: Simon Cao Date Analyzed: 5/6/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 04:32
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	163409		9.15	733744		11.11		374590		15.45	
	Upper Limit	228773		9.48	1027242		11.44		524426		15.78	
	Lower Limit	98045		8.82	440246		10.78		224754		15.12	
	Client Sample ID											
01	Method Blank	149743		9.12	676830		11.10		332552		15.44	
02	Lab Control Sample	153673		9.15	690944		11.11		352834		15.45	
03	Duplicate Lab Control Sample	153994		9.14	694090		11.11		353890		15.45	
04	SV135-150-212 (Dilution)	158241		9.12	709852		11.09		351027		15.44	
05	SV135-250-212 (Dilution)	151517		9.12	676327		11.10		339856		15.44	
06	SV137-150-212	140870		9.12	627429		11.10		310734		15.44	
07	SV137-250-212	137358		9.13	611641		11.10		300552		15.44	
08	SV137-350-212	147501		9.12	665036		11.10		331597		15.44	
09	SV139-025-212	158884		9.12	724960		11.10		368085		15.44	
10	SV139-050-212	161202		9.12	729762		11.10		367976		15.44	
11	SV135-250-212	160385		9.12	731635		11.10		374723		15.44	
12	SV137-050-212	162345		9.12	738056		11.10		378084		15.44	
13	SV139-050-612	160989		9.13	729488		11.10		369019		15.45	
14	SVE12-410-212	160469		9.12	723422		11.10		367013		15.44	
15	SV14-150-212	157046		9.13	716101		11.10		355654		15.45	
16	SV14-250-212	158183		9.13	721576		11.10		360436		15.45	
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05072101.D
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 00:00
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	169261	9.15	760177	11.11	393902	15.45
	Upper Limit	236965	9.48	1064248	11.44	551463	15.78
	Lower Limit	101557	8.82	456106	10.78	236341	15.12
	Client Sample ID						
01	Method Blank	152676	9.12	693705	11.10	346833	15.44
02	Lab Control Sample	156479	9.15	708042	11.11	363556	15.45
03	Duplicate Lab Control Sample	158659	9.15	712968	11.11	365106	15.45
04	SV139-350-212	154946	9.13	707075	11.10	348600	15.45
05	SV139-450-212	156788	9.13	704447	11.10	351253	15.44
06	SV140-025-212	155174	9.12	699966	11.10	346759	15.44
07	SV140-050-212	157576	9.12	711635	11.10	355751	15.44
08	SV140-150-212	154690	9.12	698772	11.10	348991	15.44
09	SV140-250-212	156317	9.12	712343	11.10	354642	15.44
10	SV139-350-212 (Dilution)	161404	9.12	731085	11.10	361585	15.45
11	SVE12-410-212 (Dilution)	160615	9.12	723238	11.10	357950	15.44
12	SV137-450-212	162532	9.13	737070	11.10	374419	15.45
13							
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20							

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102163
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05072132.D
Analyst: Simon Cao Date Analyzed: 5/7/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 19:27
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	169289	9.15	764381	11.11	398426	15.45
	Upper Limit	237005	9.48	1070133	11.44	557796	15.78
	Lower Limit	101573	8.82	458629	10.78	239056	15.12
	Client Sample ID						
01	Method Blank	153434	9.12	698362	11.09	354281	15.44
02	Lab Control Sample	160122	9.15	720587	11.11	375589	15.45
03	Duplicate Lab Control Sample	158855	9.15	718003	11.11	375199	15.45
04	SV14-350-212	153312	9.14	686114	11.10	344657	15.44
05	SV14-450-212	152350	9.12	687893	11.10	347037	15.44
06	SV14-450-612	151022	9.12	679769	11.10	339855	15.44
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Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05082101.D
Analyst: Simon Cao Date Analyzed: 5/8/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 07:20
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	164385		9.15	736979		11.11		373615		15.45	
	Upper Limit	230139		9.48	1031771		11.44		523061		15.78	
	Lower Limit	98631		8.82	442187		10.78		224169		15.12	
	Client Sample ID											
01	Method Blank	148479		9.12	668626		11.09		330128		15.44	
02	Lab Control Sample	155558		9.15	694833		11.11		355554		15.45	
03	Duplicate Lab Control Sample	154309		9.15	692917		11.11		356838		15.45	
04	SV140-350-212	152975		9.13	686093		11.10		336580		15.44	
05	SV140-450-612	155333		9.13	691887		11.10		348152		15.45	
06	SV140-450-212	155242		9.13	697240		11.10		350754		15.45	
07	SV14-350-212 (Dilution)	157283		9.12	704640		11.10		356365		15.44	
08	SV139-150-212	156262		9.12	704140		11.10		351744		15.45	
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2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

June 10, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 23, 2021. For your reference, these analyses have been assigned our service request number P2102243.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 6:58 pm, Jun 10, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102243
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 23, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.
Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2102243-001,002,009, 015,022,023	Acetone
P2102243-005,006,013, 014	Propene

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102243
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/23/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV108-025-212	P2102243-001	Air	4/19/2021	10:03	1SS01229	-3.22	5.49	X
SV108-050-212	P2102243-002	Air	4/19/2021	10:07	1SS01260	-4.86	5.17	X
SV108-150-212	P2102243-003	Air	4/19/2021	10:11	1SS01235	-3.42	6.13	X
SV108-250-212	P2102243-004	Air	4/19/2021	10:14	1SS01271	-3.74	5.31	X
SV108-350-612	P2102243-005	Air	4/19/2021	10:18	1SS01284	-3.86	6.07	X
SV108-350-212	P2102243-006	Air	4/19/2021	10:18	1SS01233	-2.86	5.35	X
SV108-450-212	P2102243-007	Air	4/19/2021	10:32	1SS01273	-4.20	5.24	X
SV112-025-212	P2102243-008	Air	4/19/2021	13:22	1SS00546	-4.06	5.24	X
SV112-050-212	P2102243-009	Air	4/19/2021	13:26	1SS00101	-4.01	5.69	X
SV112-150-212	P2102243-010	Air	4/19/2021	13:30	1SC00220	-2.54	5.97	X
SV112-250-212	P2102243-011	Air	4/19/2021	13:33	1SC00196	-3.92	5.35	X
SV112-350-212	P2102243-012	Air	4/19/2021	13:36	1SC01253	-2.97	5.63	X
SV112-450-612	P2102243-013	Air	4/19/2021	13:47	1SC00615	-2.65	5.87	X
SV112-450-212	P2102243-014	Air	4/19/2021	13:47	1SS00693	-3.46	5.84	X
SV118-025-212	P2102243-015	Air	4/19/2021	11:21	1SS01285	-4.40	5.78	X
SV118-050-212	P2102243-016	Air	4/19/2021	11:25	1SC00031	-3.98	5.64	X
SV118-160-212	P2102243-017	Air	4/19/2021	11:28	1SS00905	-3.03	5.38	X
SV118-265-212	P2102243-018	Air	4/19/2021	11:32	1SC00442	-3.26	5.81	X
SV118-350-212	P2102243-019	Air	4/19/2021	11:35	1SC00673	-3.15	5.14	X
SV118-450-612	P2102243-020	Air	4/19/2021	11:44	1SC00365	-3.44	5.92	X
SV118-450-212	P2102243-021	Air	4/19/2021	11:44	1SS01270	-3.66	6.76	X
SV119-025-212	P2102243-022	Air	4/20/2021	11:14	1SS01147	-3.66	6.43	X
SV119-050-212	P2102243-023	Air	4/20/2021	11:20	1SC00566	-3.33	6.21	X
SV119-150-212	P2102243-024	Air	4/20/2021	11:24	1SC00900	-2.34	6.45	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-03**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. R102243

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Facilty
Project Number	62735DM02
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
P.O. # / Billing Information	17682
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV108-025-212	1	4/19/2021	10:03	1SS01229	NA	-24.5	-2.0	1L	X	None
SV108-050-212	2	4/19/2021	10:07	1SS01260	NA	-24.0	-4.0	1L	X	None
SV108-150-212	3	4/19/2021	10:11	1SS01235	NA	-26.0	-4.0	1L	X	None
SV108-250-212	4	4/19/2021	10:14	1SS01271	NA	-26.0	-4.5	1L	X	None
SV108-350-612	5	4/19/2021	10:18	1SS01284	NA	-25.0	-3.5	1L	X	None
SV108-350-212	6	4/19/2021	10:18	1SS01233	NA	-24.0	-3.5	1L	X	None
SV108-450-212	7	4/19/2021	10:32	1SS01273	NA	-27.5	-6.0	1L	X	None
SV112-025-212	8	4/19/2021	13:22	1SS00546	NA	-23.0	-4.0	1L	X	None
SV112-050-212	9	4/19/2021	13:26	1SS00101	NA	-22.5	-3.0	1L	X	None
SV112-150-212	10	4/19/2021	13:30	1SC00220	NA	-24.0	0.0	1L	X	None
SV112-250-212	11	4/19/2021	13:33	1SC00196	NA	-25.0	-4.0	1L	X	None
SV112-350-212	12	4/19/2021	13:36	1SC01253	NA	-24.5	0.0	1L	X	None

9719 9695 2927

Associated with Trip blank: SVTB212-

Shipping information: Box number 1 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4/23/21	Time: 0950

Project Requirements: QAPP

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-03

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No. 296243

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC, 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facility

Project Number: 62735DM02

ALS Contact: Hayden Akers, 1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

P.O. # / Billing Information: 17682

Email Address for Result Reporting: Tara Lamond: Amanda Smith: Pam Moss:

Sampler (Print & Sign): Tyler Curley

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV112-450-612	13	4/19/2021	13:47	1SC00615	NA	-25.0	-1.0	1L	X	None
SV112-450-212	14	4/19/2021	13:47	1SS00693	NA	-25.0	-3.0	1L	X	None
SV118-025-212	15	4/19/2021	11:21	1SS01285	NA	-25.5	-5.0	1L	X	None
SV118-050-212	16	4/19/2021	11:25	1SC00031	NA	-25.5	-4.0	1L	X	None
SV118-160-212	17	4/19/2021	11:28	1SS00905	NA	-23.0	0.0	1L	X	None
SV118-265-212	18	4/19/2021	11:32	1SC00442	NA	-25.0	-3.0	1L	X	None
SV118-350-212	19	4/19/2021	11:35	1SC00673	NA	-25.0	-2.5	1L	X	None
SV118-450-612	20	4/19/2021	11:44	1SC00365	NA	-25.0	-4.0	1L	X	None
SV118-450-212	21	4/19/2021	11:44	1SS01270	NA	-25.0	-3.5	1L	X	None
SV119-025-212	22	4/20/2021	11:14	1SS01147	NA	-25.0	-4.0	1L	X	None
SV119-050-212	23	4/20/2021	11:20	1SC00566	NA	-27.0	-3.5	1L	X	None
SV119-150-212	24	4/20/2021	11:24	1SC00900	NA	-24.5	0.0	1L	X	None

FedEX Tracking Number: 9719 9695 2927

Shipping information: Box number 1 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier II (Results + QC Summaries) ____ Tier III (Results + QC & Calibration Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) Date: 4-23-21 Time: 0930

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102243

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102243-001.01	1.0 L Source Silonite Canister					
P2102243-002.01	1.0 L Source Silonite Canister					
P2102243-003.01	1.0 L Source Silonite Canister					
P2102243-004.01	1.0 L Source Silonite Canister					
P2102243-005.01	1.0 L Source Silonite Canister					
P2102243-006.01	1.0 L Source Silonite Canister					
P2102243-007.01	1.0 L Source Silonite Canister					
P2102243-008.01	1.0 L Source Silonite Canister					
P2102243-009.01	1.0 L Source Silonite Canister					
P2102243-010.01	1.0 L Source Can					
P2102243-011.01	1.0 L Source Can					
P2102243-012.01	1.0 L Source Can					
P2102243-013.01	1.0 L Source Can					
P2102243-014.01	1.0 L Source Silonite Canister					
P2102243-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102243

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102243-016.01	1.0 L Source Can					
P2102243-017.01	1.0 L Source Silonite Canister					
P2102243-018.01	1.0 L Source Can					
P2102243-019.01	1.0 L Source Can					
P2102243-020.01	1.0 L Source Can					
P2102243-021.01	1.0 L Source Silonite Canister					
P2102243-022.01	1.0 L Source Silonite Canister					
P2102243-023.01	1.0 L Source Can					
P2102243-024.01	1.0 L Source Can					
P2102243-025.01	1.0 L Source Can					
P2102243-026.01	1.0 L Source Can					
P2102243-027.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01229

Initial Pressure (psig): -3.22 Final Pressure (psig): 5.49

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.1**	1.3	0.82	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.76**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.53	0.87	0.53	0.11	**U**
64-17-5	Ethanol	**11**	12	1.9	0.86	**J**
67-64-1	Acetone	**3.0**	9.6	5.0	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.32**	0.40	0.25	0.063	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**24**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	0.41	0.66	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**14**	0.30	0.098	0.044	
75-15-0	Carbon Disulfide	0.76	1.4	0.76	0.23	**U**
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.085	**U**
78-93-3	2-Butanone (MEK)	**1.7**	1.5	0.48	0.16	
141-78-6	Ethyl Acetate	0.79	1.2	0.79	0.34	**U**
110-54-3	n-Hexane	0.40	0.65	0.40	0.14	**U**
67-66-3	Chloroform	0.15	0.48	0.15	0.064	**U**
109-99-9	Tetrahydrofuran (THF)	0.25	1.5	0.25	0.10	**U**
107-06-2	1,2-Dichloroethane	0.18	0.57	0.18	0.064	**U**
71-43-2	Benzene	0.23	0.72	0.23	0.11	**U**
56-23-5	Carbon Tetrachloride	**1.3**	0.36	0.12	0.052	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01229

Initial Pressure (psig): -3.22 Final Pressure (psig): 5.49

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.43	1.3	0.43	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.059	**U**
123-91-1	1,4-Dioxane	0.21	0.64	0.21	0.077	**U**
142-82-5	n-Heptane	0.34	0.56	0.34	0.091	**U**
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**0.090**	0.61	0.20	0.076	**J**
591-78-6	2-Hexanone	**0.14**	1.1	0.18	0.071	**J**
124-48-1	Dibromochloromethane	0.088	0.27	0.088	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.036	**U**
127-18-4	Tetrachloroethene	**0.19**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	0.17	0.53	0.17	0.076	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.54	0.33	0.089	**U**
95-47-6	o-Xylene	0.17	0.54	0.17	0.078	**U**
108-67-8	1,3,5-Trimethylbenzene	0.15	0.47	0.15	0.069	**U**
95-63-6	1,2,4-Trimethylbenzene	0.15	0.47	0.15	0.066	**U**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	0.26	0.44	0.26	0.11	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01260

Initial Pressure (psig): -4.86 Final Pressure (psig): 5.17

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.75**	1.5	0.94	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	0.53	0.33	0.089	
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.34	1.0	0.34	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	1.0	0.61	0.13	**U**
64-17-5	Ethanol	**8.4**	14	2.2	0.99	**J**
67-64-1	Acetone	5.7	11	5.7	2.6	**U**
75-69-4	Trichlorofluoromethane	**0.75**	0.46	0.29	0.073	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.61**	2.1	1.3	0.45	**J**
75-09-2	Methylene Chloride	0.47	0.76	0.47	0.22	**U**
76-13-1	Trichlorotrifluoroethane	**52**	0.35	0.11	0.050	
75-15-0	Carbon Disulfide	0.88	1.6	0.88	0.26	**U**
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**1.8**	1.7	0.55	0.19	
141-78-6	Ethyl Acetate	0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	0.46	0.75	0.46	0.16	**U**
67-66-3	Chloroform	**0.16**	0.55	0.18	0.073	**J**
109-99-9	Tetrahydrofuran (THF)	0.29	1.7	0.29	0.11	**U**
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.074	**U**
71-43-2	Benzene	0.27	0.82	0.27	0.12	**U**
56-23-5	Carbon Tetrachloride	**6.6**	0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01260

Initial Pressure (psig): -4.86 Final Pressure (psig): 5.17

Container Dilution Factor: 2.02

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.058	**U**
79-01-6	Trichloroethene	0.16	0.48	0.16	0.068	**U**
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	0.39	0.64	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	0.23	0.70	0.23	0.087	**U**
591-78-6	2-Hexanone	**0.14**	1.2	0.21	0.081	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.042	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.62**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	0.20	0.60	0.20	0.087	**U**
179601-23-1	m,p-Xylenes	0.40	1.2	0.40	0.16	**U**
75-25-2	Bromoform	0.16	0.26	0.16	0.054	**U**
100-42-5	Styrene	0.38	0.62	0.38	0.10	**U**
95-47-6	o-Xylene	0.20	0.62	0.20	0.090	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.54	0.17	0.079	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.076	**U**
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	0.30	0.50	0.30	0.13	**U**
1330-20-7	Xylenes, Total	0.40	1.2	0.40	0.16	**U**

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ALS ENVIRONMENTAL

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV108-150-212**	ALS Project ID:	P2102243
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102243-003
Test Code:	EPA TO-15	Date Collected:	4/19/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/23/21
Analyst:	Simon Cao	Date Analyzed:	5/11/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.0050 Liter(s)
Test Notes:			0.0010 Liter(s)
Container ID:	1SS01235		

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**570**	110	69	28	
75-71-8	Dichlorodifluoromethane (CFC 12)	24	39	24	6.5	**U**
74-87-3	Chloromethane	57	93	57	15	**U**
75-01-4	Vinyl Chloride	25	77	25	8.3	**U**
106-99-0	1,3-Butadiene	54	87	54	15	**U**
75-00-3	Chloroethane	45	73	45	9.3	**U**
64-17-5	Ethanol	160	1,000	160	73	**U**
67-64-1	Acetone	420	810	420	190	**U**
75-69-4	Trichlorofluoromethane	21	34	21	5.3	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	95	150	95	33	**U**
75-09-2	Methylene Chloride	34	55	34	16	**U**
76-13-1	Trichlorotrifluoroethane	**66**	26	8.2	3.7	
75-15-0	Carbon Disulfide	64	120	64	19	**U**
75-34-3	1,1-Dichloroethane	30	49	30	7.1	**U**
78-93-3	2-Butanone (MEK)	40	130	40	14	**U**
141-78-6	Ethyl Acetate	67	100	67	29	**U**
110-54-3	n-Hexane	**31,000**	270	170	58	**D**
67-66-3	Chloroform	13	40	13	5.4	**U**
109-99-9	Tetrahydrofuran (THF)	21	130	21	8.4	**U**
107-06-2	1,2-Dichloroethane	16	48	16	5.4	**U**
71-43-2	Benzene	**330**	60	20	8.9	
56-23-5	Carbon Tetrachloride	**8.7**	30	10	4.4	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01235

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**43,000**	540	180	81	**D**
75-27-4	Bromodichloromethane	9.4	29	9.4	4.3	**U**
79-01-6	Trichloroethene	12	35	12	5.0	**U**
123-91-1	1,4-Dioxane	17	53	17	6.5	**U**
142-82-5	n-Heptane	**6,100**	47	29	7.7	
108-10-1	4-Methyl-2-pentanone	**80**	90	15	6.6	**J**
108-88-3	Toluene	**77**	51	17	6.4	
591-78-6	2-Hexanone	15	90	15	6.0	**U**
124-48-1	Dibromochloromethane	7.4	23	7.4	3.0	**U**
106-93-4	1,2-Dibromoethane	8.2	25	8.2	3.0	**U**
127-18-4	Tetrachloroethene	**6.7**	28	9.3	3.8	**J**
100-41-4	Ethylbenzene	14	44	14	6.4	**U**
179601-23-1	m,p-Xylenes	29	85	29	12	**U**
75-25-2	Bromoform	11	19	11	3.9	**U**
100-42-5	Styrene	28	45	28	7.5	**U**
95-47-6	o-Xylene	**46**	45	14	6.6	
108-67-8	1,3,5-Trimethylbenzene	**13**	40	13	5.8	**J**
95-63-6	1,2,4-Trimethylbenzene	13	39	13	5.6	**U**
120-82-1	1,2,4-Trichlorobenzene	16	50	16	6.5	**U**
91-20-3	Naphthalene	22	37	22	9.2	**U**
1330-20-7	Xylenes, Total	**46**	85	29	12	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01271

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.31

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3,700**	2,800	1,700	690	
75-71-8	Dichlorodifluoromethane (CFC 12)	590	960	590	160	**U**
74-87-3	Chloromethane	1,400	2,300	1,400	380	**U**
75-01-4	Vinyl Chloride	610	1,900	610	200	**U**
106-99-0	1,3-Butadiene	1,300	2,200	1,300	360	**U**
75-00-3	Chloroethane	1,100	1,800	1,100	230	**U**
64-17-5	Ethanol	**2,500**	26,000	4,000	1,800	**J**
67-64-1	Acetone	10,000	20,000	10,000	4,600	**U**
75-69-4	Trichlorofluoromethane	520	830	520	130	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,300	3,700	2,300	820	**U**
75-09-2	Methylene Chloride	840	1,400	840	400	**U**
76-13-1	Trichlorotrifluoroethane	**140**	630	200	91	**J**
75-15-0	Carbon Disulfide	1,600	2,900	1,600	470	**U**
75-34-3	1,1-Dichloroethane	750	1,200	750	180	**U**
78-93-3	2-Butanone (MEK)	990	3,100	990	340	**U**
141-78-6	Ethyl Acetate	1,700	2,500	1,700	710	**U**
110-54-3	n-Hexane	**170,000**	1,400	830	290	
67-66-3	Chloroform	320	990	320	130	**U**
109-99-9	Tetrahydrofuran (THF)	530	3,100	530	210	**U**
107-06-2	1,2-Dichloroethane	380	1,200	380	130	**U**
71-43-2	Benzene	**1,300**	1,500	490	220	**J**
56-23-5	Carbon Tetrachloride	250	740	250	110	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01271

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.31

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**240,000**	2,700	900	400	
75-27-4	Bromodichloromethane	230	710	230	110	**U**
79-01-6	Trichloroethene	290	870	290	120	**U**
123-91-1	1,4-Dioxane	430	1,300	430	160	**U**
142-82-5	n-Heptane	**37,000**	1,200	710	190	
108-10-1	4-Methyl-2-pentanone	380	2,200	380	160	**U**
108-88-3	Toluene	410	1,300	410	160	**U**
591-78-6	2-Hexanone	380	2,200	380	150	**U**
124-48-1	Dibromochloromethane	180	560	180	75	**U**
106-93-4	1,2-Dibromoethane	200	620	200	74	**U**
127-18-4	Tetrachloroethene	**110**	700	230	93	**J**
100-41-4	Ethylbenzene	360	1,100	360	160	**U**
179601-23-1	m,p-Xylenes	720	2,100	720	300	**U**
75-25-2	Bromoform	280	470	280	97	**U**
100-42-5	Styrene	690	1,100	690	180	**U**
95-47-6	o-Xylene	**460**	1,100	360	160	**J**
108-67-8	1,3,5-Trimethylbenzene	320	990	320	140	**U**
95-63-6	1,2,4-Trimethylbenzene	320	970	320	140	**U**
120-82-1	1,2,4-Trichlorobenzene	390	1,200	390	160	**U**
91-20-3	Naphthalene	540	910	540	230	**U**
1330-20-7	Xylenes, Total	**460**	2,100	720	300	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.025 Liter(s)
Test Notes:
Container ID: 1SS01284

Initial Pressure (psig): -3.86 Final Pressure (psig): 6.07

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**62**	23	14	5.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	8.1	5.0	1.4	**U**
74-87-3	Chloromethane	12	19	12	3.2	**U**
75-01-4	Vinyl Chloride	5.1	16	5.1	1.7	**U**
106-99-0	1,3-Butadiene	11	18	11	3.1	**U**
75-00-3	Chloroethane	9.3	15	9.3	1.9	**U**
64-17-5	Ethanol	34	220	34	15	**U**
67-64-1	Acetone	87	170	87	39	**U**
75-69-4	Trichlorofluoromethane	**3.0**	7.0	4.4	1.1	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	20	31	20	6.9	**U**
75-09-2	Methylene Chloride	7.1	12	7.1	3.3	**U**
76-13-1	Trichlorotrifluoroethane	**240**	5.3	1.7	0.76	
75-15-0	Carbon Disulfide	**4.7**	25	13	3.9	**J**
75-34-3	1,1-Dichloroethane	6.3	10	6.3	1.5	**U**
78-93-3	2-Butanone (MEK)	8.3	26	8.3	2.9	**U**
141-78-6	Ethyl Acetate	14	21	14	6.0	**U**
110-54-3	n-Hexane	**900**	11	7.0	2.4	
67-66-3	Chloroform	**2.5**	8.3	2.7	1.1	**J**
109-99-9	Tetrahydrofuran (THF)	4.4	26	4.4	1.7	**U**
107-06-2	1,2-Dichloroethane	3.2	9.9	3.2	1.1	**U**
71-43-2	Benzene	**2.0**	13	4.1	1.9	**J**
56-23-5	Carbon Tetrachloride	**11**	6.2	2.1	0.90	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.025 Liter(s)
Test Notes:
Container ID: 1SS01284

Initial Pressure (psig): -3.86 Final Pressure (psig): 6.07

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3,100**	22	7.6	3.3	
75-27-4	Bromodichloromethane	1.9	6.0	1.9	0.88	**U**
79-01-6	Trichloroethene	**1.1**	7.3	2.4	1.0	**J**
123-91-1	1,4-Dioxane	3.6	11	3.6	1.3	**U**
142-82-5	n-Heptane	**26**	9.7	6.0	1.6	
108-10-1	4-Methyl-2-pentanone	3.2	19	3.2	1.4	**U**
108-88-3	Toluene	**10**	11	3.5	1.3	**J**
591-78-6	2-Hexanone	3.2	19	3.2	1.2	**U**
124-48-1	Dibromochloromethane	1.5	4.7	1.5	0.63	**U**
106-93-4	1,2-Dibromoethane	1.7	5.2	1.7	0.62	**U**
127-18-4	Tetrachloroethene	**1.9**	5.9	1.9	0.78	**J**
100-41-4	Ethylbenzene	3.0	9.2	3.0	1.3	**U**
179601-23-1	m,p-Xylenes	**4.0**	18	6.0	2.5	**J**
75-25-2	Bromoform	2.4	3.9	2.4	0.82	**U**
100-42-5	Styrene	5.8	9.4	5.8	1.6	**U**
95-47-6	o-Xylene	**12**	9.4	3.0	1.4	
108-67-8	1,3,5-Trimethylbenzene	2.7	8.3	2.7	1.2	**U**
95-63-6	1,2,4-Trimethylbenzene	2.7	8.1	2.7	1.2	**U**
120-82-1	1,2,4-Trichlorobenzene	3.3	10	3.3	1.3	**U**
91-20-3	Naphthalene	4.5	7.6	4.5	1.9	**U**
1330-20-7	Xylenes, Total	**16**	18	6.0	2.5	**J**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS01233

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.35

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**110**	10	6.3	2.6	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.6**	3.6	2.2	0.59	**J**
74-87-3	Chloromethane	5.2	8.5	5.2	1.4	**U**
75-01-4	Vinyl Chloride	2.2	7.0	2.2	0.75	**U**
106-99-0	1,3-Butadiene	4.9	7.9	4.9	1.3	**U**
75-00-3	Chloroethane	4.1	6.7	4.1	0.85	**U**
64-17-5	Ethanol	**28**	95	15	6.6	**J**
67-64-1	Acetone	38	74	38	17	**U**
75-69-4	Trichlorofluoromethane	**3.6**	3.1	1.9	0.49	
67-63-0	2-Propanol (Isopropyl Alcohol)	**170**	14	8.7	3.0	
75-09-2	Methylene Chloride	3.1	5.1	3.1	1.5	**U**
76-13-1	Trichlorotrifluoroethane	**280**	2.3	0.75	0.34	
75-15-0	Carbon Disulfide	**3.4**	11	5.9	1.7	**J**
75-34-3	1,1-Dichloroethane	2.8	4.5	2.8	0.65	**U**
78-93-3	2-Butanone (MEK)	**2.1**	11	3.7	1.3	**J**
141-78-6	Ethyl Acetate	6.1	9.4	6.1	2.6	**U**
110-54-3	n-Hexane	**990**	5.0	3.1	1.1	
67-66-3	Chloroform	**2.9**	3.7	1.2	0.49	**J**
109-99-9	Tetrahydrofuran (THF)	**1.0**	11	1.9	0.77	**J**
107-06-2	1,2-Dichloroethane	1.4	4.3	1.4	0.49	**U**
71-43-2	Benzene	**4.4**	5.5	1.8	0.81	**J**
56-23-5	Carbon Tetrachloride	**14**	2.7	0.91	0.40	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS01233

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.35

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3,300**	33	11	4.9	**D**
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	**1.4**	3.2	1.1	0.45	**J**
123-91-1	1,4-Dioxane	1.6	4.9	1.6	0.59	**U**
142-82-5	n-Heptane	**42**	4.3	2.6	0.70	
108-10-1	4-Methyl-2-pentanone	1.4	8.3	1.4	0.60	**U**
108-88-3	Toluene	**13**	4.7	1.5	0.58	
591-78-6	2-Hexanone	1.4	8.3	1.4	0.54	**U**
124-48-1	Dibromochloromethane	0.67	2.1	0.67	0.28	**U**
106-93-4	1,2-Dibromoethane	0.75	2.3	0.75	0.27	**U**
127-18-4	Tetrachloroethene	**2.2**	2.6	0.85	0.34	**J**
100-41-4	Ethylbenzene	**1.2**	4.0	1.3	0.58	**J**
179601-23-1	m,p-Xylenes	**4.6**	7.8	2.6	1.1	**J**
75-25-2	Bromoform	1.0	1.7	1.0	0.36	**U**
100-42-5	Styrene	2.5	4.1	2.5	0.68	**U**
95-47-6	o-Xylene	**13**	4.1	1.3	0.60	
108-67-8	1,3,5-Trimethylbenzene	**0.53**	3.6	1.2	0.53	**J**
95-63-6	1,2,4-Trimethylbenzene	1.2	3.6	1.2	0.51	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	2.0	3.4	2.0	0.84	**U**
1330-20-7	Xylenes, Total	**18**	7.8	2.6	1.1	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01273

Initial Pressure (psig): -4.20 Final Pressure (psig): 5.24

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.2**		1.4	0.88	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.67**		0.50	0.31	0.084	
74-87-3	Chloromethane	**2.9**		1.2	0.74	0.20	
75-01-4	Vinyl Chloride	**0.84**		0.99	0.32	0.11	**J**
106-99-0	1,3-Butadiene		0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	**0.68**		0.94	0.58	0.12	**J**
64-17-5	Ethanol	**10**		13	2.1	0.93	**J**
67-64-1	Acetone		5.4	10	5.4	2.4	**U**
75-69-4	Trichlorofluoromethane	**1.0**		0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.84**		1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride		0.44	0.71	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**76**		3.3	1.1	0.47	**D**
75-15-0	Carbon Disulfide	**8.8**		1.5	0.82	0.24	
75-34-3	1,1-Dichloroethane	**0.31**		0.63	0.39	0.092	**J**
78-93-3	2-Butanone (MEK)	**2.0**		1.6	0.52	0.18	
141-78-6	Ethyl Acetate		0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	**22**		0.70	0.43	0.15	
67-66-3	Chloroform	**0.44**		0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	**2.4**		1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane		0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**4.6**		0.77	0.25	0.11	
56-23-5	Carbon Tetrachloride	**5.1**		0.39	0.13	0.056	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01273

Initial Pressure (psig): -4.20 Final Pressure (psig): 5.24

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**41**	1.4	0.47	0.21	
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**0.50**	0.45	0.15	0.064	
123-91-1	1,4-Dioxane	0.22	0.69	0.22	0.083	**U**
142-82-5	n-Heptane	**14**	0.60	0.37	0.099	
108-10-1	4-Methyl-2-pentanone	**0.68**	1.2	0.20	0.085	**J**
108-88-3	Toluene	**18**	0.66	0.21	0.082	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.077	**U**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.038	**U**
127-18-4	Tetrachloroethene	**1.5**	0.36	0.12	0.048	
100-41-4	Ethylbenzene	**0.22**	0.57	0.19	0.082	**J**
179601-23-1	m,p-Xylenes	**1.5**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**1.3**	0.58	0.19	0.084	
108-67-8	1,3,5-Trimethylbenzene	**0.21**	0.51	0.16	0.074	**J**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.50	0.16	0.072	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	**2.8**	1.1	0.37	0.15	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00546

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.24

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.37**	1.4	0.87	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	0.49	0.30	0.082	
74-87-3	Chloromethane	0.72	1.2	0.72	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.92	0.57	0.12	**U**
64-17-5	Ethanol	**2.9**	13	2.1	0.92	**J**
67-64-1	Acetone	5.3	10	5.3	2.4	**U**
75-69-4	Trichlorofluoromethane	**0.69**	0.42	0.27	0.067	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.42	**U**
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**8.1**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**0.38**	1.5	0.81	0.24	**J**
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.090	**U**
78-93-3	2-Butanone (MEK)	**0.25**	1.6	0.51	0.17	**J**
141-78-6	Ethyl Acetate	**3.9**	1.3	0.84	0.36	
110-54-3	n-Hexane	0.42	0.69	0.42	0.15	**U**
67-66-3	Chloroform	**1.7**	0.51	0.16	0.068	
109-99-9	Tetrahydrofuran (THF)	**0.47**	1.6	0.27	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.068	**U**
71-43-2	Benzene	**0.15**	0.76	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**2.7**	0.38	0.13	0.055	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00546

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.24

Container Dilution Factor: 1.87

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.4	0.46	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.054	**U**
79-01-6	Trichloroethene	0.15	0.44	0.15	0.063	**U**
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.082	**U**
142-82-5	n-Heptane	0.37	0.59	0.37	0.097	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.083	**U**
108-88-3	Toluene	**0.29**	0.65	0.21	0.081	**J**
591-78-6	2-Hexanone	0.19	1.1	0.19	0.075	**U**
124-48-1	Dibromochloromethane	0.093	0.29	0.093	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.21**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	0.18	0.56	0.18	0.081	**U**
179601-23-1	m,p-Xylenes	0.37	1.1	0.37	0.15	**U**
75-25-2	Bromoform	0.14	0.24	0.14	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.094	**U**
95-47-6	o-Xylene	0.18	0.57	0.18	0.083	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.50	0.16	0.073	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.10**	0.49	0.16	0.070	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	0.28	0.46	0.28	0.12	**U**
1330-20-7	Xylenes, Total	0.37	1.1	0.37	0.15	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00101

Initial Pressure (psig): -4.01 Final Pressure (psig): 5.69

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.80**	1.4	0.89	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**6.7**	13	2.1	0.94	**J**
67-64-1	Acetone	**3.6**	10	5.4	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.76**	0.43	0.27	0.069	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.54**	1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**8.9**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	**0.76**	1.5	0.83	0.25	**J**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	**0.16**	0.70	0.43	0.15	**J**
67-66-3	Chloroform	**2.3**	0.52	0.17	0.069	
109-99-9	Tetrahydrofuran (THF)	**1.9**	1.6	0.28	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.070	**U**
71-43-2	Benzene	**0.20**	0.78	0.25	0.12	**J**
56-23-5	Carbon Tetrachloride	**3.3**	0.39	0.13	0.056	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00101

Initial Pressure (psig): -4.01 Final Pressure (psig): 5.69

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**0.11**	0.61	0.37	0.099	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.085	**U**
108-88-3	Toluene	**0.36**	0.66	0.22	0.082	**J**
591-78-6	2-Hexanone	**0.091**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.21**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.30**	0.57	0.19	0.082	**J**
179601-23-1	m,p-Xylenes	**0.30**	1.1	0.37	0.15	**J**
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**0.11**	0.58	0.19	0.085	**J**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.51	0.17	0.075	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.13**	0.51	0.17	0.072	**J**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.64	0.21	0.084	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	**0.42**	1.1	0.37	0.15	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00220

Initial Pressure (psig): -2.54 Final Pressure (psig): 5.97

Container Dilution Factor: 1.70

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.80**	1.3	0.79	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	0.45	0.28	0.075	
74-87-3	Chloromethane	0.66	1.1	0.66	0.18	**U**
75-01-4	Vinyl Chloride	0.28	0.88	0.28	0.095	**U**
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.84	0.52	0.11	**U**
64-17-5	Ethanol	**9.7**	12	1.9	0.83	**J**
67-64-1	Acetone	**7.8**	9.3	4.8	2.1	**J**
75-69-4	Trichlorofluoromethane	**0.46**	0.39	0.24	0.061	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.70**	1.7	1.1	0.38	**J**
75-09-2	Methylene Chloride	**0.59**	0.64	0.39	0.18	**J**
76-13-1	Trichlorotrifluoroethane	**3.1**	0.29	0.094	0.042	
75-15-0	Carbon Disulfide	**2.4**	1.4	0.74	0.22	
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.082	**U**
78-93-3	2-Butanone (MEK)	**1.5**	1.4	0.46	0.16	
141-78-6	Ethyl Acetate	**1.4**	1.2	0.77	0.33	
110-54-3	n-Hexane	**0.14**	0.63	0.39	0.13	**J**
67-66-3	Chloroform	**0.32**	0.46	0.15	0.062	**J**
109-99-9	Tetrahydrofuran (THF)	**1.6**	1.4	0.25	0.097	
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.062	**U**
71-43-2	Benzene	**0.33**	0.69	0.23	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.98**	0.34	0.11	0.050	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00220

Initial Pressure (psig): -2.54 Final Pressure (psig): 5.97

Container Dilution Factor: 1.70

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.42	1.2	0.42	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	0.13	0.40	0.13	0.057	**U**
123-91-1	1,4-Dioxane	**0.14**	0.61	0.20	0.074	**J**
142-82-5	n-Heptane	**0.16**	0.54	0.33	0.088	**J**
108-10-1	4-Methyl-2-pentanone	**0.088**	1.0	0.18	0.076	**J**
108-88-3	Toluene	**1.4**	0.59	0.19	0.073	
591-78-6	2-Hexanone	**0.24**	1.0	0.18	0.069	**J**
124-48-1	Dibromochloromethane	0.085	0.26	0.085	0.035	**U**
106-93-4	1,2-Dibromoethane	0.094	0.29	0.094	0.034	**U**
127-18-4	Tetrachloroethene	**4.2**	0.33	0.11	0.043	
100-41-4	Ethylbenzene	**0.10**	0.51	0.17	0.073	**J**
179601-23-1	m,p-Xylenes	**0.33**	0.98	0.33	0.14	**J**
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	**0.092**	0.52	0.17	0.075	**J**
108-67-8	1,3,5-Trimethylbenzene	0.15	0.46	0.15	0.067	**U**
95-63-6	1,2,4-Trimethylbenzene	0.15	0.45	0.15	0.064	**U**
120-82-1	1,2,4-Trichlorobenzene	0.18	0.57	0.18	0.074	**U**
91-20-3	Naphthalene	0.25	0.42	0.25	0.11	**U**
1330-20-7	Xylenes, Total	**0.42**	0.98	0.33	0.14	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00196

Initial Pressure (psig): -3.92 Final Pressure (psig): 5.35

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.4**	1.4	0.86	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	0.49	0.30	0.082	
74-87-3	Chloromethane	**0.28**	1.2	0.72	0.19	**J**
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.19	**U**
75-00-3	Chloroethane	0.56	0.92	0.56	0.12	**U**
64-17-5	Ethanol	**10**	13	2.0	0.91	**J**
67-64-1	Acetone	**17**	10	5.3	2.3	
75-69-4	Trichlorofluoromethane	**0.65**	0.42	0.26	0.067	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.1**	1.9	1.2	0.42	
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**7.6**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**10**	1.5	0.81	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.090	**U**
78-93-3	2-Butanone (MEK)	**2.5**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	**23**	1.3	0.84	0.36	
110-54-3	n-Hexane	0.42	0.69	0.42	0.15	**U**
67-66-3	Chloroform	0.16	0.50	0.16	0.068	**U**
109-99-9	Tetrahydrofuran (THF)	**1.0**	1.6	0.27	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.068	**U**
71-43-2	Benzene	**4.2**	0.76	0.25	0.11	
56-23-5	Carbon Tetrachloride	**3.6**	0.38	0.13	0.055	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00196

Initial Pressure (psig): -3.92 Final Pressure (psig): 5.35

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.43**	1.4	0.46	0.20	**J**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	0.15	0.44	0.15	0.062	**U**
123-91-1	1,4-Dioxane	**1.3**	0.67	0.22	0.081	
142-82-5	n-Heptane	0.36	0.59	0.36	0.096	**U**
108-10-1	4-Methyl-2-pentanone	**0.093**	1.1	0.19	0.083	**J**
108-88-3	Toluene	**6.9**	0.64	0.21	0.080	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.075	**U**
124-48-1	Dibromochloromethane	0.093	0.28	0.093	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.47**	0.36	0.12	0.047	
100-41-4	Ethylbenzene	**0.28**	0.56	0.18	0.080	**J**
179601-23-1	m,p-Xylenes	**0.64**	1.1	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.094	**U**
95-47-6	o-Xylene	**0.42**	0.57	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.093**	0.50	0.16	0.073	**J**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.49	0.16	0.070	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.081	**U**
91-20-3	Naphthalene	0.28	0.46	0.28	0.12	**U**
1330-20-7	Xylenes, Total	**1.1**	1.1	0.36	0.15	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01253

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.60**	1.3	0.80	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.2**	0.46	0.28	0.076	
74-87-3	Chloromethane	0.67	1.1	0.67	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.90	0.29	0.096	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.52	0.85	0.52	0.11	**U**
64-17-5	Ethanol	**2.1**	12	1.9	0.85	**J**
67-64-1	Acetone	**3.6**	9.5	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.89**	0.39	0.25	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.39	**U**
75-09-2	Methylene Chloride	0.40	0.65	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**3.8**	0.30	0.096	0.043	
75-15-0	Carbon Disulfide	**1.6**	1.4	0.75	0.22	
75-34-3	1,1-Dichloroethane	0.35	0.58	0.35	0.083	**U**
78-93-3	2-Butanone (MEK)	**0.48**	1.5	0.47	0.16	**J**
141-78-6	Ethyl Acetate	0.78	1.2	0.78	0.34	**U**
110-54-3	n-Hexane	**0.38**	0.64	0.39	0.14	**J**
67-66-3	Chloroform	0.15	0.47	0.15	0.063	**U**
109-99-9	Tetrahydrofuran (THF)	**0.26**	1.5	0.25	0.098	**J**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.063	**U**
71-43-2	Benzene	**3.6**	0.70	0.23	0.10	
56-23-5	Carbon Tetrachloride	**2.2**	0.35	0.12	0.051	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01253

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.85**		1.3	0.43	0.19	**J**
75-27-4	Bromodichloromethane		0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	**0.19**		0.41	0.14	0.058	**J**
123-91-1	1,4-Dioxane		0.20	0.62	0.20	0.076	**U**
142-82-5	n-Heptane	**0.75**		0.55	0.34	0.090	
108-10-1	4-Methyl-2-pentanone		0.18	1.1	0.18	0.077	**U**
108-88-3	Toluene	**16**		0.60	0.20	0.075	
591-78-6	2-Hexanone		0.18	1.1	0.18	0.070	**U**
124-48-1	Dibromochloromethane		0.086	0.26	0.086	0.036	**U**
106-93-4	1,2-Dibromoethane	**0.071**		0.29	0.096	0.035	**J**
127-18-4	Tetrachloroethene	**0.40**		0.33	0.11	0.044	
100-41-4	Ethylbenzene	**1.6**		0.52	0.17	0.075	
179601-23-1	m,p-Xylenes	**4.6**		1.0	0.34	0.14	
75-25-2	Bromoform		0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene		0.33	0.53	0.33	0.087	**U**
95-47-6	o-Xylene	**1.8**		0.53	0.17	0.077	
108-67-8	1,3,5-Trimethylbenzene	**0.33**		0.47	0.15	0.068	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.97**		0.46	0.15	0.065	
120-82-1	1,2,4-Trichlorobenzene		0.19	0.58	0.19	0.076	**U**
91-20-3	Naphthalene	**0.20**		0.43	0.26	0.11	**J**
1330-20-7	Xylenes, Total	**6.4**		1.0	0.34	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC00615

Initial Pressure (psig): -2.65 Final Pressure (psig): 5.87

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**690**	260	160	65	
75-71-8	Dichlorodifluoromethane (CFC 12)	55	90	55	15	**U**
74-87-3	Chloromethane	130	220	130	36	**U**
75-01-4	Vinyl Chloride	57	180	57	19	**U**
106-99-0	1,3-Butadiene	120	200	120	34	**U**
75-00-3	Chloroethane	100	170	100	21	**U**
64-17-5	Ethanol	380	2,400	380	170	**U**
67-64-1	Acetone	970	1,900	970	430	**U**
75-69-4	Trichlorofluoromethane	49	78	49	12	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	220	350	220	77	**U**
75-09-2	Methylene Chloride	79	130	79	37	**U**
76-13-1	Trichlorotrifluoroethane	**16**	59	19	8.5	**J**
75-15-0	Carbon Disulfide	150	270	150	44	**U**
75-34-3	1,1-Dichloroethane	70	110	70	16	**U**
78-93-3	2-Butanone (MEK)	93	290	93	32	**U**
141-78-6	Ethyl Acetate	150	240	150	66	**U**
110-54-3	n-Hexane	**36,000**	500	310	110	**D**
67-66-3	Chloroform	30	93	30	12	**U**
109-99-9	Tetrahydrofuran (THF)	49	290	49	19	**U**
107-06-2	1,2-Dichloroethane	36	110	36	12	**U**
71-43-2	Benzene	**5,900**	140	46	21	
56-23-5	Carbon Tetrachloride	23	69	23	10	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC00615

Initial Pressure (psig): -2.65 Final Pressure (psig): 5.87

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**74,000**	990	340	150	**D**
75-27-4	Bromodichloromethane	22	66	22	9.8	**U**
79-01-6	Trichloroethene	27	81	27	11	**U**
123-91-1	1,4-Dioxane	40	120	40	15	**U**
142-82-5	n-Heptane	**31,000**	430	270	71	**D**
108-10-1	4-Methyl-2-pentanone	35	210	35	15	**U**
108-88-3	Toluene	**4,900**	120	39	15	
591-78-6	2-Hexanone	35	210	35	14	**U**
124-48-1	Dibromochloromethane	17	52	17	7.0	**U**
106-93-4	1,2-Dibromoethane	19	58	19	6.9	**U**
127-18-4	Tetrachloroethene	**9.3**	66	21	8.7	**J**
100-41-4	Ethylbenzene	**350**	100	33	15	
179601-23-1	m,p-Xylenes	**2,200**	200	67	28	
75-25-2	Bromoform	26	44	26	9.1	**U**
100-42-5	Styrene	64	100	64	17	**U**
95-47-6	o-Xylene	**1,400**	100	33	15	
108-67-8	1,3,5-Trimethylbenzene	**220**	92	30	13	
95-63-6	1,2,4-Trimethylbenzene	**150**	90	30	13	
120-82-1	1,2,4-Trichlorobenzene	37	120	37	15	**U**
91-20-3	Naphthalene	51	85	51	21	**U**
1330-20-7	Xylenes, Total	**3,600**	200	67	28	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS00693

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.84

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**420**	280	170	69	
75-71-8	Dichlorodifluoromethane (CFC 12)	59	96	59	16	**U**
74-87-3	Chloromethane	140	230	140	38	**U**
75-01-4	Vinyl Chloride	61	190	61	20	**U**
106-99-0	1,3-Butadiene	130	220	130	36	**U**
75-00-3	Chloroethane	110	180	110	23	**U**
64-17-5	Ethanol	400	2,600	400	180	**U**
67-64-1	Acetone	1,000	2,000	1,000	460	**U**
75-69-4	Trichlorofluoromethane	52	83	52	13	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	230	370	230	82	**U**
75-09-2	Methylene Chloride	84	140	84	40	**U**
76-13-1	Trichlorotrifluoroethane	**16**	63	20	9.1	**J**
75-15-0	Carbon Disulfide	160	290	160	47	**U**
75-34-3	1,1-Dichloroethane	75	120	75	18	**U**
78-93-3	2-Butanone (MEK)	99	310	99	34	**U**
141-78-6	Ethyl Acetate	170	250	170	71	**U**
110-54-3	n-Hexane	**29,000**	540	330	110	**D**
67-66-3	Chloroform	32	99	32	13	**U**
109-99-9	Tetrahydrofuran (THF)	53	310	53	21	**U**
107-06-2	1,2-Dichloroethane	38	120	38	13	**U**
71-43-2	Benzene	**5,500**	150	49	22	
56-23-5	Carbon Tetrachloride	25	74	25	11	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS00693

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.84

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**61,000**	1,100	360	160	**D**
75-27-4	Bromodichloromethane	23	71	23	11	**U**
79-01-6	Trichloroethene	29	87	29	12	**U**
123-91-1	1,4-Dioxane	43	130	43	16	**U**
142-82-5	n-Heptane	**26,000**	460	290	76	**D**
108-10-1	4-Methyl-2-pentanone	38	220	38	16	**U**
108-88-3	Toluene	**4,700**	130	41	16	
591-78-6	2-Hexanone	38	220	38	15	**U**
124-48-1	Dibromochloromethane	18	56	18	7.5	**U**
106-93-4	1,2-Dibromoethane	20	62	20	7.4	**U**
127-18-4	Tetrachloroethene	**10**	70	23	9.3	**J**
100-41-4	Ethylbenzene	**340**	110	36	16	
179601-23-1	m,p-Xylenes	**2,100**	210	72	30	
75-25-2	Bromoform	28	47	28	9.7	**U**
100-42-5	Styrene	69	110	69	18	**U**
95-47-6	o-Xylene	**1,400**	110	36	16	
108-67-8	1,3,5-Trimethylbenzene	**240**	99	32	14	
95-63-6	1,2,4-Trimethylbenzene	**190**	97	32	14	
120-82-1	1,2,4-Trichlorobenzene	39	120	39	16	**U**
91-20-3	Naphthalene	54	91	54	23	**U**
1330-20-7	Xylenes, Total	**3,500**	210	72	30	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01285

Initial Pressure (psig): -4.40 Final Pressure (psig): 5.78

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.93	1.5	0.93	0.38	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.1**	0.52	0.32	0.088	
74-87-3	Chloromethane	0.77	1.3	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**14**	14	2.2	0.98	**J**
67-64-1	Acetone	**4.5**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.69**	0.45	0.28	0.072	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.70**	2.0	1.3	0.45	**J**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**4.3**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**0.61**	1.6	0.86	0.26	**J**
75-34-3	1,1-Dichloroethane	0.41	0.66	0.41	0.096	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.7	0.54	0.19	
141-78-6	Ethyl Acetate	0.90	1.4	0.90	0.39	**U**
110-54-3	n-Hexane	0.45	0.73	0.45	0.16	**U**
67-66-3	Chloroform	**0.19**	0.54	0.17	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	**0.14**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.073	**U**
71-43-2	Benzene	0.26	0.81	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	**1.6**	0.40	0.13	0.059	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01285

Initial Pressure (psig): -4.40 Final Pressure (psig): 5.78

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.26**	1.4	0.49	0.22	**J**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.067	**U**
123-91-1	1,4-Dioxane	0.23	0.72	0.23	0.087	**U**
142-82-5	n-Heptane	**0.14**	0.63	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.089	**U**
108-88-3	Toluene	**0.32**	0.69	0.22	0.086	**J**
591-78-6	2-Hexanone	**0.40**	1.2	0.21	0.080	**J**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.057**	0.38	0.12	0.051	**J**
100-41-4	Ethylbenzene	0.19	0.60	0.19	0.086	**U**
179601-23-1	m,p-Xylenes	0.39	1.1	0.39	0.16	**U**
75-25-2	Bromoform	0.15	0.26	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.61	0.37	0.10	**U**
95-47-6	o-Xylene	**0.22**	0.61	0.19	0.088	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.13**	0.54	0.17	0.078	**J**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.53	0.17	0.075	**U**
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	0.29	0.49	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**0.22**	1.1	0.39	0.16	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00031

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.64

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.5**	1.4	0.88	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.3**	0.50	0.31	0.084	
74-87-3	Chloromethane	**2.3**	1.2	0.74	0.20	
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	**0.22**	0.94	0.58	0.12	**J**
64-17-5	Ethanol	**4.8**	13	2.1	0.93	**J**
67-64-1	Acetone	**97**	10	5.4	2.4	
75-69-4	Trichlorofluoromethane	**0.89**	0.43	0.27	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride	**0.45**	0.71	0.44	0.21	**J**
76-13-1	Trichlorotrifluoroethane	**6.5**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	**0.87**	1.5	0.82	0.24	**J**
75-34-3	1,1-Dichloroethane	0.39	0.63	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**9.9**	1.6	0.52	0.18	
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	**0.59**	0.70	0.43	0.15	**J**
67-66-3	Chloroform	**0.24**	0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	**9.5**	1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.069	**U**
71-43-2	Benzene	**0.15**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**2.1**	0.39	0.13	0.056	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00031

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.64

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.38**	1.4	0.47	0.21	**J**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	**1.4**	0.45	0.15	0.064	
123-91-1	1,4-Dioxane	**0.22**	0.69	0.22	0.083	**J**
142-82-5	n-Heptane	**0.28**	0.60	0.37	0.099	**J**
108-10-1	4-Methyl-2-pentanone	**0.30**	1.2	0.20	0.085	**J**
108-88-3	Toluene	**0.32**	0.66	0.21	0.082	**J**
591-78-6	2-Hexanone	**0.59**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.038	**U**
127-18-4	Tetrachloroethene	**0.072**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	0.19	0.57	0.19	0.082	**U**
179601-23-1	m,p-Xylenes	0.37	1.1	0.37	0.15	**U**
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**0.12**	0.58	0.19	0.084	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.081**	0.51	0.16	0.074	**J**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.50	0.16	0.072	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.64	0.20	0.083	**U**
91-20-3	Naphthalene	0.28	0.47	0.28	0.12	**U**
1330-20-7	Xylenes, Total	0.37	1.1	0.37	0.15	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-160-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -3.03 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**14**	52	32	13	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	11	18	11	3.0	**U**
74-87-3	Chloromethane	27	43	27	7.2	**U**
75-01-4	Vinyl Chloride	11	36	11	3.8	**U**
106-99-0	1,3-Butadiene	25	40	25	6.8	**U**
75-00-3	Chloroethane	21	34	21	4.3	**U**
64-17-5	Ethanol	76	480	76	34	**U**
67-64-1	Acetone	200	380	200	87	**U**
75-69-4	Trichlorofluoromethane	9.8	16	9.8	2.5	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**170**	70	44	15	
75-09-2	Methylene Chloride	16	26	16	7.4	**U**
76-13-1	Trichlorotrifluoroethane	**9.0**	12	3.8	1.7	**J**
75-15-0	Carbon Disulfide	**20**	55	30	8.8	**J**
75-34-3	1,1-Dichloroethane	14	23	14	3.3	**U**
78-93-3	2-Butanone (MEK)	**12**	58	19	6.4	**J**
141-78-6	Ethyl Acetate	**24**	48	31	13	**J**
110-54-3	n-Hexane	**48**	25	16	5.4	
67-66-3	Chloroform	6.0	19	6.0	2.5	**U**
109-99-9	Tetrahydrofuran (THF)	9.9	58	9.9	3.9	**U**
107-06-2	1,2-Dichloroethane	7.2	22	7.2	2.5	**U**
71-43-2	Benzene	**6.3**	28	9.2	4.1	**J**
56-23-5	Carbon Tetrachloride	**2.4**	14	4.7	2.0	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-160-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -3.03 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,100**	50	17	7.5	
75-27-4	Bromodichloromethane	4.4	13	4.4	2.0	**U**
79-01-6	Trichloroethene	5.4	16	5.4	2.3	**U**
123-91-1	1,4-Dioxane	8.1	25	8.1	3.0	**U**
142-82-5	n-Heptane	**28**	22	13	3.6	
108-10-1	4-Methyl-2-pentanone	7.1	42	7.1	3.1	**U**
108-88-3	Toluene	7.8	24	7.8	3.0	**U**
591-78-6	2-Hexanone	7.1	42	7.1	2.8	**U**
124-48-1	Dibromochloromethane	3.4	11	3.4	1.4	**U**
106-93-4	1,2-Dibromoethane	3.8	12	3.8	1.4	**U**
127-18-4	Tetrachloroethene	**1.8**	13	4.3	1.8	**J**
100-41-4	Ethylbenzene	6.7	21	6.7	3.0	**U**
179601-23-1	m,p-Xylenes	13	40	13	5.5	**U**
75-25-2	Bromoform	5.3	8.8	5.3	1.8	**U**
100-42-5	Styrene	13	21	13	3.5	**U**
95-47-6	o-Xylene	6.7	21	6.7	3.1	**U**
108-67-8	1,3,5-Trimethylbenzene	6.0	19	6.0	2.7	**U**
95-63-6	1,2,4-Trimethylbenzene	6.0	18	6.0	2.6	**U**
120-82-1	1,2,4-Trichlorobenzene	7.4	23	7.4	3.0	**U**
91-20-3	Naphthalene	10	17	10	4.3	**U**
1330-20-7	Xylenes, Total	13	40	13	5.5	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-265-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00442

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.81

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**450**	540	330	140	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	120	190	120	32	**U**
74-87-3	Chloromethane	280	450	280	75	**U**
75-01-4	Vinyl Chloride	120	370	120	40	**U**
106-99-0	1,3-Butadiene	260	420	260	71	**U**
75-00-3	Chloroethane	220	350	220	45	**U**
64-17-5	Ethanol	790	5,000	790	350	**U**
67-64-1	Acetone	2,000	3,900	2,000	900	**U**
75-69-4	Trichlorofluoromethane	100	160	100	26	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	460	730	460	160	**U**
75-09-2	Methylene Chloride	160	270	160	77	**U**
76-13-1	Trichlorotrifluoroethane	**39**	120	40	18	**J**
75-15-0	Carbon Disulfide	310	580	310	92	**U**
75-34-3	1,1-Dichloroethane	150	240	150	35	**U**
78-93-3	2-Butanone (MEK)	190	610	190	67	**U**
141-78-6	Ethyl Acetate	320	500	320	140	**U**
110-54-3	n-Hexane	**2,700**	260	160	56	
67-66-3	Chloroform	62	190	62	26	**U**
109-99-9	Tetrahydrofuran (THF)	100	610	100	41	**U**
107-06-2	1,2-Dichloroethane	75	230	75	26	**U**
71-43-2	Benzene	95	290	95	43	**U**
56-23-5	Carbon Tetrachloride	48	150	48	21	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-265-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00442

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.81

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**91,000**	520	180	78	
75-27-4	Bromodichloromethane	45	140	45	21	**U**
79-01-6	Trichloroethene	57	170	57	24	**U**
123-91-1	1,4-Dioxane	84	260	84	31	**U**
142-82-5	n-Heptane	**110**	230	140	37	**J**
108-10-1	4-Methyl-2-pentanone	74	440	74	32	**U**
108-88-3	Toluene	81	250	81	31	**U**
591-78-6	2-Hexanone	74	440	74	29	**U**
124-48-1	Dibromochloromethane	36	110	36	15	**U**
106-93-4	1,2-Dibromoethane	40	120	40	14	**U**
127-18-4	Tetrachloroethene	**19**	140	45	18	**J**
100-41-4	Ethylbenzene	70	210	70	31	**U**
179601-23-1	m,p-Xylenes	140	410	140	58	**U**
75-25-2	Bromoform	55	92	55	19	**U**
100-42-5	Styrene	130	220	130	36	**U**
95-47-6	o-Xylene	70	220	70	32	**U**
108-67-8	1,3,5-Trimethylbenzene	62	190	62	28	**U**
95-63-6	1,2,4-Trimethylbenzene	62	190	62	27	**U**
120-82-1	1,2,4-Trichlorobenzene	77	240	77	31	**U**
91-20-3	Naphthalene	110	180	110	44	**U**
1330-20-7	Xylenes, Total	140	410	140	58	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-019

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00673

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.14

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	110	170	110	43	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	60	37	10	**J**
74-87-3	Chloromethane	89	140	89	24	**U**
75-01-4	Vinyl Chloride	38	120	38	13	**U**
106-99-0	1,3-Butadiene	83	130	83	23	**U**
75-00-3	Chloroethane	70	110	70	14	**U**
64-17-5	Ethanol	**2,200**	1,600	250	110	
67-64-1	Acetone	650	1,300	650	290	**U**
75-69-4	Trichlorofluoromethane	33	52	33	8.3	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**71**	230	150	51	**J**
75-09-2	Methylene Chloride	**57**	86	53	25	**J**
76-13-1	Trichlorotrifluoroethane	**15**	40	13	5.7	**J**
75-15-0	Carbon Disulfide	99	180	99	29	**U**
75-34-3	1,1-Dichloroethane	47	77	47	11	**U**
78-93-3	2-Butanone (MEK)	62	190	62	21	**U**
141-78-6	Ethyl Acetate	**74**	160	100	45	**J**
110-54-3	n-Hexane	**1,300**	85	52	18	
67-66-3	Chloroform	20	62	20	8.3	**U**
109-99-9	Tetrahydrofuran (THF)	33	190	33	13	**U**
107-06-2	1,2-Dichloroethane	24	74	24	8.4	**U**
71-43-2	Benzene	31	93	31	14	**U**
56-23-5	Carbon Tetrachloride	16	47	16	6.7	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-019

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00673

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.14

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**13,000**	170	57	25	
75-27-4	Bromodichloromethane	15	45	15	6.6	**U**
79-01-6	Trichloroethene	18	54	18	7.7	**U**
123-91-1	1,4-Dioxane	27	83	27	10	**U**
142-82-5	n-Heptane	45	73	45	12	**U**
108-10-1	4-Methyl-2-pentanone	24	140	24	10	**U**
108-88-3	Toluene	26	79	26	9.9	**U**
591-78-6	2-Hexanone	24	140	24	9.2	**U**
124-48-1	Dibromochloromethane	11	35	11	4.7	**U**
106-93-4	1,2-Dibromoethane	13	39	13	4.6	**U**
127-18-4	Tetrachloroethene	**6.9**	44	14	5.8	**J**
100-41-4	Ethylbenzene	22	69	22	9.9	**U**
179601-23-1	m,p-Xylenes	45	130	45	18	**U**
75-25-2	Bromoform	18	29	18	6.1	**U**
100-42-5	Styrene	43	70	43	12	**U**
95-47-6	o-Xylene	22	70	22	10	**U**
108-67-8	1,3,5-Trimethylbenzene	20	62	20	9.0	**U**
95-63-6	1,2,4-Trimethylbenzene	20	61	20	8.6	**U**
120-82-1	1,2,4-Trichlorobenzene	25	77	25	10	**U**
91-20-3	Naphthalene	34	57	34	14	**U**
1330-20-7	Xylenes, Total	45	130	45	18	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00365

Initial Pressure (psig): -3.44 Final Pressure (psig): 5.92

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	34	55	34	14	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	12	19	12	3.2	**U**
74-87-3	Chloromethane	**9.7**	46	28	7.6	**J**
75-01-4	Vinyl Chloride	12	38	12	4.1	**U**
106-99-0	1,3-Butadiene	26	43	26	7.3	**U**
75-00-3	Chloroethane	22	36	22	4.6	**U**
64-17-5	Ethanol	**78**	510	81	36	**J**
67-64-1	Acetone	210	400	210	92	**U**
75-69-4	Trichlorofluoromethane	10	17	10	2.6	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	47	74	47	16	**U**
75-09-2	Methylene Chloride	17	27	17	7.9	**U**
76-13-1	Trichlorotrifluoroethane	**5.2**	13	4.1	1.8	**J**
75-15-0	Carbon Disulfide	**69**	59	32	9.4	
75-34-3	1,1-Dichloroethane	15	24	15	3.5	**U**
78-93-3	2-Butanone (MEK)	**21**	62	20	6.8	**J**
141-78-6	Ethyl Acetate	33	51	33	14	**U**
110-54-3	n-Hexane	**1,500**	27	17	5.7	
67-66-3	Chloroform	6.4	20	6.4	2.7	**U**
109-99-9	Tetrahydrofuran (THF)	**9.4**	62	11	4.2	**J**
107-06-2	1,2-Dichloroethane	7.7	24	7.7	2.7	**U**
71-43-2	Benzene	**14**	30	9.7	4.4	**J**
56-23-5	Carbon Tetrachloride	**8.9**	15	4.9	2.2	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00365

Initial Pressure (psig): -3.44 Final Pressure (psig): 5.92

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**6,600**	53	18	8.0	
75-27-4	Bromodichloromethane	4.6	14	4.6	2.1	**U**
79-01-6	Trichloroethene	5.8	17	5.8	2.5	**U**
123-91-1	1,4-Dioxane	8.6	26	8.6	3.2	**U**
142-82-5	n-Heptane	**22**	23	14	3.8	**J**
108-10-1	4-Methyl-2-pentanone	7.6	45	7.6	3.3	**U**
108-88-3	Toluene	**54**	25	8.3	3.2	
591-78-6	2-Hexanone	7.6	45	7.6	2.9	**U**
124-48-1	Dibromochloromethane	3.7	11	3.7	1.5	**U**
106-93-4	1,2-Dibromoethane	4.0	12	4.0	1.5	**U**
127-18-4	Tetrachloroethene	4.6	14	4.6	1.9	**U**
100-41-4	Ethylbenzene	**9.0**	22	7.2	3.2	**J**
179601-23-1	m,p-Xylenes	**19**	42	14	5.9	**J**
75-25-2	Bromoform	5.7	9.4	5.7	1.9	**U**
100-42-5	Styrene	14	22	14	3.7	**U**
95-47-6	o-Xylene	**11**	22	7.2	3.2	**J**
108-67-8	1,3,5-Trimethylbenzene	**5.7**	20	6.3	2.9	**J**
95-63-6	1,2,4-Trimethylbenzene	**11**	19	6.3	2.8	**J**
120-82-1	1,2,4-Trichlorobenzene	7.9	25	7.9	3.2	**U**
91-20-3	Naphthalene	11	18	11	4.5	**U**
1330-20-7	Xylenes, Total	**30**	42	14	5.9	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-021

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01270

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.76

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**27**	29	18	7.3	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	6.3	10	6.3	1.7	**U**
74-87-3	Chloromethane	**6.2**	24	15	4.0	**J**
75-01-4	Vinyl Chloride	6.5	20	6.5	2.2	**U**
106-99-0	1,3-Butadiene	14	23	14	3.9	**U**
75-00-3	Chloroethane	12	19	12	2.4	**U**
64-17-5	Ethanol	43	270	43	19	**U**
67-64-1	Acetone	110	210	110	49	**U**
75-69-4	Trichlorofluoromethane	5.5	8.8	5.5	1.4	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	25	39	25	8.7	**U**
75-09-2	Methylene Chloride	8.9	15	8.9	4.2	**U**
76-13-1	Trichlorotrifluoroethane	**3.3**	6.7	2.2	0.96	**J**
75-15-0	Carbon Disulfide	**39**	31	17	5.0	**B**
75-34-3	1,1-Dichloroethane	7.9	13	7.9	1.9	**U**
78-93-3	2-Butanone (MEK)	11	33	11	3.6	**U**
141-78-6	Ethyl Acetate	18	27	18	7.5	**U**
110-54-3	n-Hexane	**1,000**	14	8.8	3.0	
67-66-3	Chloroform	3.4	11	3.4	1.4	**U**
109-99-9	Tetrahydrofuran (THF)	**4.2**	33	5.6	2.2	**J**
107-06-2	1,2-Dichloroethane	4.1	12	4.1	1.4	**U**
71-43-2	Benzene	**41**	16	5.2	2.3	
56-23-5	Carbon Tetrachloride	**7.3**	7.9	2.6	1.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-021

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01270

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.76

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**4,700**	28	9.6	4.2	
75-27-4	Bromodichloromethane	2.5	7.5	2.5	1.1	**U**
79-01-6	Trichloroethene	3.1	9.2	3.1	1.3	**U**
123-91-1	1,4-Dioxane	4.6	14	4.6	1.7	**U**
142-82-5	n-Heptane	**4.2**	12	7.6	2.0	**J**
108-10-1	4-Methyl-2-pentanone	4.0	24	4.0	1.7	**U**
108-88-3	Toluene	**32**	13	4.4	1.7	
591-78-6	2-Hexanone	4.0	24	4.0	1.6	**U**
124-48-1	Dibromochloromethane	1.9	5.9	1.9	0.80	**U**
106-93-4	1,2-Dibromoethane	2.1	6.6	2.1	0.78	**U**
127-18-4	Tetrachloroethene	2.4	7.4	2.4	0.99	**U**
100-41-4	Ethylbenzene	3.8	12	3.8	1.7	**U**
179601-23-1	m,p-Xylenes	7.6	22	7.6	3.1	**U**
75-25-2	Bromoform	3.0	5.0	3.0	1.0	**U**
100-42-5	Styrene	7.3	12	7.3	2.0	**U**
95-47-6	o-Xylene	**7.9**	12	3.8	1.7	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.5**	10	3.4	1.5	**J**
95-63-6	1,2,4-Trimethylbenzene	3.4	10	3.4	1.5	**U**
120-82-1	1,2,4-Trichlorobenzene	4.2	13	4.2	1.7	**U**
91-20-3	Naphthalene	5.7	9.6	5.7	2.4	**U**
1330-20-7	Xylenes, Total	**7.9**	22	7.6	3.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01147

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.43

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.41**	1.4	0.89	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.71**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**4.4**	13	2.1	0.94	**J**
67-64-1	Acetone	**7.6**	10	5.4	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.26**	0.43	0.27	0.069	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.59**	1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride	**1.3**	0.72	0.44	0.21	
76-13-1	Trichlorotrifluoroethane	**3.2**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	0.83	1.5	0.83	0.25	**U**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**1.3**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	0.43	0.70	0.43	0.15	**U**
67-66-3	Chloroform	**0.070**	0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	0.28	1.6	0.28	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.070	**U**
71-43-2	Benzene	**0.13**	0.78	0.25	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.21**	0.39	0.13	0.056	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01147

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.43

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**0.27**	0.61	0.37	0.099	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.085	**U**
108-88-3	Toluene	**1.1**	0.66	0.22	0.082	
591-78-6	2-Hexanone	**0.21**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.14**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**0.39**	0.57	0.19	0.082	**J**
179601-23-1	m,p-Xylenes	**2.3**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**0.65**	0.58	0.19	0.085	
108-67-8	1,3,5-Trimethylbenzene	**0.73**	0.51	0.17	0.075	
95-63-6	1,2,4-Trimethylbenzene	**3.4**	0.51	0.17	0.072	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.64	0.21	0.084	**U**
91-20-3	Naphthalene	**0.74**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**2.9**	1.1	0.37	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00566

Initial Pressure (psig): -3.33 Final Pressure (psig): 6.21

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.69**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.4**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**1.6**	13	2.0	0.90	**J**
67-64-1	Acetone	**5.9**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.42**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.2	1.9	1.2	0.41	**U**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**12**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**0.89**	1.5	0.80	0.24	**J**
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	0.50	1.6	0.50	0.17	**U**
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	0.16	0.50	0.16	0.067	**U**
109-99-9	Tetrahydrofuran (THF)	0.27	1.6	0.27	0.10	**U**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.15**	0.75	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.50**	0.37	0.12	0.054	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00566

Initial Pressure (psig): -3.33 Final Pressure (psig): 6.21

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	0.15	0.44	0.15	0.062	**U**
123-91-1	1,4-Dioxane	**0.10**	0.66	0.22	0.080	**J**
142-82-5	n-Heptane	**0.27**	0.58	0.36	0.095	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.76**	0.63	0.21	0.079	
591-78-6	2-Hexanone	**0.22**	1.1	0.19	0.074	**J**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.42**	0.35	0.12	0.047	
100-41-4	Ethylbenzene	**0.26**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**1.5**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**0.39**	0.56	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.35**	0.50	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.33**	0.46	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**1.9**	1.1	0.36	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00900

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.45

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**59**	2.6	1.6	0.65	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.66**	0.90	0.55	0.15	**J**
74-87-3	Chloromethane	**3.3**	2.2	1.3	0.36	
75-01-4	Vinyl Chloride	0.57	1.8	0.57	0.19	**U**
106-99-0	1,3-Butadiene	1.2	2.0	1.2	0.34	**U**
75-00-3	Chloroethane	1.0	1.7	1.0	0.21	**U**
64-17-5	Ethanol	**2.4**	24	3.8	1.7	**J**
67-64-1	Acetone	9.7	19	9.7	4.3	**U**
75-69-4	Trichlorofluoromethane	**0.31**	0.78	0.49	0.12	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.2	3.5	2.2	0.77	**U**
75-09-2	Methylene Chloride	0.79	1.3	0.79	0.37	**U**
76-13-1	Trichlorotrifluoroethane	**7.9**	0.59	0.19	0.085	
75-15-0	Carbon Disulfide	**12**	2.7	1.5	0.44	
75-34-3	1,1-Dichloroethane	0.70	1.1	0.70	0.16	**U**
78-93-3	2-Butanone (MEK)	0.93	2.9	0.93	0.32	**U**
141-78-6	Ethyl Acetate	1.5	2.4	1.5	0.66	**U**
110-54-3	n-Hexane	**3.7**	1.3	0.78	0.27	
67-66-3	Chloroform	**0.98**	0.93	0.30	0.12	
109-99-9	Tetrahydrofuran (THF)	0.49	2.9	0.49	0.19	**U**
107-06-2	1,2-Dichloroethane	0.36	1.1	0.36	0.12	**U**
71-43-2	Benzene	**3.5**	1.4	0.46	0.21	
56-23-5	Carbon Tetrachloride	**2.0**	0.69	0.23	0.10	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00900

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.45

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**31**	2.5	0.84	0.37	
75-27-4	Bromodichloromethane	0.22	0.66	0.22	0.098	**U**
79-01-6	Trichloroethene	0.27	0.81	0.27	0.11	**U**
123-91-1	1,4-Dioxane	0.40	1.2	0.40	0.15	**U**
142-82-5	n-Heptane	**0.24**	1.1	0.67	0.18	**J**
108-10-1	4-Methyl-2-pentanone	0.35	2.1	0.35	0.15	**U**
108-88-3	Toluene	**1.2**	1.2	0.39	0.15	
591-78-6	2-Hexanone	0.35	2.1	0.35	0.14	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.19	0.58	0.19	0.069	**U**
127-18-4	Tetrachloroethene	**0.54**	0.66	0.21	0.087	**J**
100-41-4	Ethylbenzene	0.33	1.0	0.33	0.15	**U**
179601-23-1	m,p-Xylenes	**0.83**	2.0	0.67	0.28	**J**
75-25-2	Bromoform	0.26	0.44	0.26	0.091	**U**
100-42-5	Styrene	0.64	1.0	0.64	0.17	**U**
95-47-6	o-Xylene	**0.26**	1.0	0.33	0.15	**J**
108-67-8	1,3,5-Trimethylbenzene	0.30	0.92	0.30	0.13	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.41**	0.90	0.30	0.13	**J**
120-82-1	1,2,4-Trichlorobenzene	0.37	1.2	0.37	0.15	**U**
91-20-3	Naphthalene	0.51	0.85	0.51	0.21	**U**
1330-20-7	Xylenes, Total	**1.1**	2.0	0.67	0.28	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	**0.071**	0.32	0.17	0.051	**J**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102243

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/10 - 5/13/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210510-MB	**95**	**104**	**102**	70-130	
Method Blank	P210511-MB	**92**	**106**	**107**	70-130	
Method Blank	P210512-MB	**94**	**105**	**103**	70-130	
Method Blank	P210513-MB	**93**	**104**	**106**	70-130	
Lab Control Sample	P210510-LCS	**92**	**101**	**102**	70-130	
Lab Control Sample	P210511-LCS	**91**	**101**	**107**	70-130	
Lab Control Sample	P210512-LCS	**92**	**101**	**102**	70-130	
Lab Control Sample	P210513-LCS	**91**	**101**	**106**	70-130	
Duplicate Lab Control Sample	P210510-DLCS	**92**	**100**	**101**	70-130	
Duplicate Lab Control Sample	P210511-DLCS	**92**	**101**	**105**	70-130	
Duplicate Lab Control Sample	P210512-DLCS	**92**	**102**	**102**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**91**	**101**	**104**	70-130	
SV108-025-212	P2102243-001	**93**	**104**	**106**	70-130	
SV108-050-212	P2102243-002	**92**	**105**	**107**	70-130	
SV108-150-212	P2102243-003	**95**	**94**	**98**	70-130	
SV108-250-212	P2102243-004	**95**	**103**	**102**	70-130	
SV108-350-612	P2102243-005	**92**	**102**	**100**	70-130	
SV108-350-212	P2102243-006	**92**	**96**	**98**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102243

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/10 - 5/13/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV108-450-212	P2102243-007	**92**	**103**	**106**	70-130	
SV112-025-212	P2102243-008	**94**	**104**	**104**	70-130	
SV112-050-212	P2102243-009	**92**	**106**	**110**	70-130	
SV112-150-212	P2102243-010	**92**	**107**	**110**	70-130	
SV112-250-212	P2102243-011	**92**	**105**	**112**	70-130	
SV112-350-212	P2102243-012	**92**	**106**	**110**	70-130	
SV112-450-612	P2102243-013	**93**	**94**	**95**	70-130	
SV112-450-212	P2102243-014	**93**	**95**	**97**	70-130	
SV118-025-212	P2102243-015	**93**	**105**	**106**	70-130	
SV118-050-212	P2102243-016	**93**	**106**	**105**	70-130	
SV118-160-212	P2102243-017	**94**	**103**	**102**	70-130	
SV118-265-212	P2102243-018	**94**	**100**	**102**	70-130	
SV118-350-212	P2102243-019	**93**	**103**	**103**	70-130	
SV118-450-612	P2102243-020	**94**	**101**	**102**	70-130	
SV118-450-212	P2102243-021	**90**	**98**	**109**	70-130	
SV119-025-212	P2102243-022	**95**	**104**	**103**	70-130	
SV119-050-212	P2102243-023	**95**	**106**	**103**	70-130	
SV119-150-212	P2102243-024	**94**	**104**	**104**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	95.4	95.2	**78**	**78**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	35.2	35.0	**83**	**82**	59-128	1	25	
74-87-3	Chloromethane	99.8	93.9	91.7	**94**	**92**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	75.2	75.4	**92**	**93**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	95.2	94.9	**100**	**100**	66-134	0	25	
75-00-3	Chloroethane	77.3	74.3	74.6	**96**	**97**	63-127	1	25	
64-17-5	Ethanol	530	448	454	**85**	**86**	59-125	1	25	
67-64-1	Acetone	435	362	367	**83**	**84**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.9	31.0	**85**	**85**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	139	141	**84**	**85**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	53.2	53.6	**89**	**89**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.5	24.5	**88**	**88**	66-126	0	25	
75-15-0	Carbon Disulfide	137	124	125	**91**	**91**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	44.3	44.8	**85**	**85**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	127	129	**91**	**92**	67-130	1	25	
141-78-6	Ethyl Acetate	117	136	139	**116**	**119**	65-128	3	25	
110-54-3	n-Hexane	60.2	47.6	48.6	**79**	**81**	63-120	3	25	
67-66-3	Chloroform	43.8	37.0	37.4	**84**	**85**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	118	119	**87**	**88**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	43.9	44.4	**85**	**86**	65-128	1	25	
71-43-2	Benzene	63.9	49.7	49.9	**78**	**78**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	28.8	28.9	**86**	**87**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	107	109	**88**	**90**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	27.5	27.8	**88**	**89**	72-128	1	25	
79-01-6	Trichloroethene	38.3	34.3	34.5	**90**	**90**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	48.3	48.7	**84**	**84**	71-122	0	25	
142-82-5	n-Heptane	51.3	45.0	45.4	**88**	**88**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	93.8	95.3	**92**	**93**	67-130	1	25	
108-88-3	Toluene	54.7	46.7	47.1	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	98.7	87.8	89.3	**89**	**90**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.4	24.6	**99**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	26.7	26.8	**99**	**99**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	26.9	26.9	**88**	**88**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	42.5	42.8	**90**	**90**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	84.9	85.5	**89**	**90**	61-134	1	25	
75-25-2	Bromoform	20.1	20.9	21.0	**104**	**104**	66-139	0	25	
100-42-5	Styrene	48.4	42.5	42.7	**88**	**88**	73-127	0	25	
95-47-6	o-Xylene	47.4	42.2	42.3	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.4	37.6	**89**	**90**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	38.2	38.3	**92**	**92**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	51.2	51.0	**98**	**98**	55-142	0	25	
91-20-3	Naphthalene	37.8	38.7	38.5	**102**	**102**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	89.3	90.1	**73**	**74**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	35.1	34.7	**83**	**82**	59-128	1	25	
74-87-3	Chloromethane	99.8	83.2	82.3	**83**	**82**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	70.8	72.6	**87**	**89**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	88.7	92.3	**93**	**97**	66-134	4	25	
75-00-3	Chloroethane	77.3	68.6	71.0	**89**	**92**	63-127	3	25	
64-17-5	Ethanol	530	402	422	**76**	**80**	59-125	5	25	
67-64-1	Acetone	435	338	349	**78**	**80**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	30.7	31.0	**85**	**85**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	127	132	**77**	**80**	52-125	4	25	
75-09-2	Methylene Chloride	59.9	51.0	52.2	**85**	**87**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.4	24.6	**87**	**88**	66-126	1	25	
75-15-0	Carbon Disulfide	137	118	121	**86**	**88**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	41.6	43.3	**79**	**83**	68-126	5	25	
78-93-3	2-Butanone (MEK)	140	121	125	**86**	**89**	67-130	3	25	
141-78-6	Ethyl Acetate	117	128	134	**109**	**115**	65-128	5	25	
110-54-3	n-Hexane	60.2	44.7	46.6	**74**	**77**	63-120	4	25	
67-66-3	Chloroform	43.8	35.9	36.8	**82**	**84**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	112	114	**82**	**84**	64-123	2	25	
107-06-2	1,2-Dichloroethane	51.4	42.7	43.5	**83**	**85**	65-128	2	25	
71-43-2	Benzene	63.9	48.2	49.2	**75**	**77**	69-119	3	25	
56-23-5	Carbon Tetrachloride	33.4	29.2	29.3	**87**	**88**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	105	107	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	27.3	27.7	**87**	**88**	72-128	1	25	
79-01-6	Trichloroethene	38.3	34.6	34.7	**90**	**91**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	47.0	47.9	**81**	**83**	71-122	2	25	
142-82-5	n-Heptane	51.3	43.5	44.5	**85**	**87**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	89.8	92.3	**88**	**90**	67-130	2	25	
108-88-3	Toluene	54.7	46.5	46.8	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	98.7	83.2	86.0	**84**	**87**	62-128	4	25	
124-48-1	Dibromochloromethane	24.7	24.9	24.9	**101**	**101**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	26.8	26.8	**99**	**99**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	27.8	27.7	**91**	**91**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	42.6	42.8	**90**	**90**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	85.3	85.5	**90**	**90**	61-134	0	25	
75-25-2	Bromoform	20.1	21.6	21.5	**107**	**107**	66-139	0	25	
100-42-5	Styrene	48.4	42.8	42.9	**88**	**89**	73-127	1	25	
95-47-6	o-Xylene	47.4	42.4	42.4	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	38.4	38.2	**92**	**91**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.0	39.0	**94**	**94**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	54.7	53.3	**105**	**102**	55-142	3	25	
91-20-3	Naphthalene	37.8	40.9	40.0	**108**	**106**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	93.6	94.0	**77**	**77**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.8	34.6	**82**	**81**	59-128	1	25	
74-87-3	Chloromethane	99.8	85.6	83.1	**86**	**83**	59-132	4	25	
75-01-4	Vinyl Chloride	81.4	73.9	74.3	**91**	**91**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	92.4	93.9	**97**	**99**	66-134	2	25	
75-00-3	Chloroethane	77.3	73.0	72.9	**94**	**94**	63-127	0	25	
64-17-5	Ethanol	530	431	440	**81**	**83**	59-125	2	25	
67-64-1	Acetone	435	354	359	**81**	**83**	58-128	2	25	
75-69-4	Trichlorofluoromethane	36.3	30.5	30.7	**84**	**85**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	133	136	**80**	**82**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	52.3	52.7	**87**	**88**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.2	24.4	**87**	**87**	66-126	0	25	
75-15-0	Carbon Disulfide	137	122	123	**89**	**90**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	43.2	44.0	**82**	**84**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	125	127	**89**	**91**	67-130	2	25	
141-78-6	Ethyl Acetate	117	133	136	**114**	**116**	65-128	2	25	
110-54-3	n-Hexane	60.2	46.6	47.6	**77**	**79**	63-120	3	25	
67-66-3	Chloroform	43.8	36.2	36.7	**83**	**84**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	115	117	**85**	**86**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	42.9	43.6	**83**	**85**	65-128	2	25	
71-43-2	Benzene	63.9	48.8	49.4	**76**	**77**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	28.4	28.6	**85**	**86**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	106	107	**88**	**88**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	27.1	27.4	**86**	**87**	72-128	1	25	
79-01-6	Trichloroethene	38.3	33.8	34.1	**88**	**89**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	47.2	47.9	**82**	**83**	71-122	1	25	
142-82-5	n-Heptane	51.3	44.1	44.6	**86**	**87**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	91.6	93.1	**90**	**91**	67-130	1	25	
108-88-3	Toluene	54.7	46.5	47.1	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	98.7	86.1	87.9	**87**	**89**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	24.4	24.6	**99**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	26.6	26.7	**98**	**99**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	27.1	27.2	**89**	**89**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	42.5	42.9	**90**	**91**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	82.6	83.6	**87**	**88**	61-134	1	25	
75-25-2	Bromoform	20.1	20.9	21.0	**104**	**104**	66-139	0	25	
100-42-5	Styrene	48.4	42.3	42.8	**87**	**88**	73-127	1	25	
95-47-6	o-Xylene	47.4	42.0	42.4	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.5	37.8	**89**	**90**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	38.0	38.5	**92**	**93**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	50.4	51.1	**96**	**98**	55-142	2	25	
91-20-3	Naphthalene	37.8	37.7	38.4	**100**	**102**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	90.5	90.8	**74**	**74**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.0	34.2	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	99.8	86.4	86.3	**87**	**86**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	71.7	73.1	**88**	**90**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	88.9	92.3	**94**	**97**	66-134	3	25	
75-00-3	Chloroethane	77.3	70.4	71.6	**91**	**93**	63-127	2	25	
64-17-5	Ethanol	530	413	427	**78**	**81**	59-125	4	25	
67-64-1	Acetone	435	342	349	**79**	**80**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.2	30.4	**83**	**84**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	128	133	**77**	**80**	52-125	4	25	
75-09-2	Methylene Chloride	59.9	51.0	51.9	**85**	**87**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.1	24.4	**86**	**87**	66-126	1	25	
75-15-0	Carbon Disulfide	137	119	121	**87**	**88**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	42.0	43.1	**80**	**82**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	122	124	**87**	**89**	67-130	2	25	
141-78-6	Ethyl Acetate	117	129	132	**110**	**113**	65-128	3	25	
110-54-3	n-Hexane	60.2	45.1	46.3	**75**	**77**	63-120	3	25	
67-66-3	Chloroform	43.8	35.8	36.3	**82**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	112	113	**82**	**83**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	42.1	42.9	**82**	**83**	65-128	1	25	
71-43-2	Benzene	63.9	48.0	48.7	**75**	**76**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	28.3	28.6	**85**	**86**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	105	106	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	27.0	27.1	**86**	**86**	72-128	0	25	
79-01-6	Trichloroethene	38.3	33.7	34.0	**88**	**89**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	47.1	47.6	**82**	**82**	71-122	0	25	
142-82-5	n-Heptane	51.3	43.4	43.9	**85**	**86**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	89.8	91.4	**88**	**90**	67-130	2	25	
108-88-3	Toluene	54.7	45.7	46.1	**84**	**84**	66-119	0	25	
591-78-6	2-Hexanone	98.7	83.1	84.7	**84**	**86**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	24.4	24.3	**99**	**98**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	26.3	26.4	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	27.0	26.9	**89**	**88**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	41.8	42.0	**88**	**89**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	83.5	83.9	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	20.1	21.0	20.9	**104**	**104**	66-139	0	25	
100-42-5	Styrene	48.4	41.9	42.0	**87**	**87**	73-127	0	25	
95-47-6	o-Xylene	47.4	41.5	41.6	**88**	**88**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.4	37.2	**89**	**89**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	37.9	38.0	**91**	**92**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	51.9	51.4	**99**	**98**	55-142	1	25	
91-20-3	Naphthalene	37.8	38.9	38.7	**103**	**102**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01229

Initial Pressure (psig): -3.22 Final Pressure (psig): 5.49

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**7.1**	2.3	1.4	0.57	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.8**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.75	2.3	0.75	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**21**	23	3.7	1.6	**J**
67-64-1	Acetone	**7.1**	23	12	5.3	**J**
75-69-4	Trichlorofluoromethane	**1.8**	2.2	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**58**	4.4	2.8	0.97	
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**110**	2.3	0.75	0.33	
75-15-0	Carbon Disulfide	2.4	4.4	2.4	0.70	**U**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.34	**U**
78-93-3	2-Butanone (MEK)	**4.9**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.9	4.4	2.9	1.2	**U**
110-54-3	n-Hexane	1.4	2.3	1.4	0.48	**U**
67-66-3	Chloroform	0.75	2.3	0.75	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	0.75	4.4	0.75	0.29	**U**
107-06-2	1,2-Dichloroethane	0.75	2.3	0.75	0.26	**U**
71-43-2	Benzene	0.75	2.3	0.75	0.34	**U**
56-23-5	Carbon Tetrachloride	**8.3**	2.2	0.75	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01229

Initial Pressure (psig): -3.22 Final Pressure (psig): 5.49

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.4	1.5	0.66	**U**
75-27-4	Bromodichloromethane	0.75	2.3	0.75	0.34	**U**
79-01-6	Trichloroethene	0.75	2.2	0.75	0.32	**U**
123-91-1	1,4-Dioxane	0.75	2.3	0.75	0.28	**U**
142-82-5	n-Heptane	1.4	2.3	1.4	0.37	**U**
108-10-1	4-Methyl-2-pentanone	0.75	4.4	0.75	0.32	**U**
108-88-3	Toluene	**0.34**	2.3	0.75	0.29	**J**
591-78-6	2-Hexanone	**0.59**	4.4	0.75	0.29	**J**
124-48-1	Dibromochloromethane	0.75	2.3	0.75	0.31	**U**
106-93-4	1,2-Dibromoethane	0.75	2.3	0.75	0.27	**U**
127-18-4	Tetrachloroethene	**1.3**	2.3	0.75	0.30	**J**
100-41-4	Ethylbenzene	0.75	2.3	0.75	0.33	**U**
179601-23-1	m,p-Xylenes	1.5	4.4	1.5	0.62	**U**
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	0.75	2.3	0.75	0.34	**U**
108-67-8	1,3,5-Trimethylbenzene	0.75	2.3	0.75	0.34	**U**
95-63-6	1,2,4-Trimethylbenzene	0.75	2.3	0.75	0.33	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	1.4	2.3	1.4	0.57	**U**
1330-20-7	Xylenes, Total	1.5	4.4	1.5	0.62	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01260

Initial Pressure (psig): -4.86 Final Pressure (psig): 5.17

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	2.6	1.6	0.66	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**9.3**	2.6	1.6	0.44	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.86	2.7	0.86	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**16**	27	4.2	1.9	**J**
67-64-1	Acetone	14	26	14	6.1	**U**
75-69-4	Trichlorofluoromethane	**4.2**	2.6	1.6	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.5**	5.1	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.76	**U**
76-13-1	Trichlorotrifluoroethane	**400**	2.7	0.86	0.38	
75-15-0	Carbon Disulfide	2.7	5.1	2.7	0.81	**U**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**5.4**	5.1	1.6	0.56	
141-78-6	Ethyl Acetate	3.3	5.1	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.56	**U**
67-66-3	Chloroform	**0.78**	2.7	0.86	0.36	**J**
109-99-9	Tetrahydrofuran (THF)	0.86	5.1	0.86	0.34	**U**
107-06-2	1,2-Dichloroethane	0.86	2.6	0.86	0.30	**U**
71-43-2	Benzene	0.86	2.6	0.86	0.39	**U**
56-23-5	Carbon Tetrachloride	**42**	2.6	0.86	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01260

Initial Pressure (psig): -4.86 Final Pressure (psig): 5.17

Container Dilution Factor: 2.02

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.1	1.7	0.76	**U**
75-27-4	Bromodichloromethane	0.86	2.6	0.86	0.39	**U**
79-01-6	Trichloroethene	0.86	2.6	0.86	0.36	**U**
123-91-1	1,4-Dioxane	0.86	2.6	0.86	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.86	5.1	0.86	0.37	**U**
108-88-3	Toluene	0.86	2.6	0.86	0.33	**U**
591-78-6	2-Hexanone	**0.59**	5.1	0.86	0.33	**J**
124-48-1	Dibromochloromethane	0.86	2.6	0.86	0.35	**U**
106-93-4	1,2-Dibromoethane	0.86	2.6	0.86	0.31	**U**
127-18-4	Tetrachloroethene	**4.2**	2.6	0.86	0.35	
100-41-4	Ethylbenzene	0.86	2.6	0.86	0.38	**U**
179601-23-1	m,p-Xylenes	1.7	5.1	1.7	0.71	**U**
75-25-2	Bromoform	1.6	2.7	1.6	0.56	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	0.86	2.7	0.86	0.39	**U**
108-67-8	1,3,5-Trimethylbenzene	0.86	2.7	0.86	0.39	**U**
95-63-6	1,2,4-Trimethylbenzene	0.86	2.6	0.86	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.1	1.6	0.66	**U**
91-20-3	Naphthalene	1.6	2.6	1.6	0.66	**U**
1330-20-7	Xylenes, Total	1.7	5.1	1.7	0.71	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01235

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**990**	190	120	48	
75-71-8	Dichlorodifluoromethane (CFC 12)	120	190	120	32	**U**
74-87-3	Chloromethane	120	190	120	32	**U**
75-01-4	Vinyl Chloride	63	200	63	21	**U**
106-99-0	1,3-Butadiene	120	190	120	33	**U**
75-00-3	Chloroethane	120	190	120	24	**U**
64-17-5	Ethanol	310	2,000	310	140	**U**
67-64-1	Acetone	1,000	1,900	1,000	440	**U**
75-69-4	Trichlorofluoromethane	120	190	120	30	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	230	370	230	81	**U**
75-09-2	Methylene Chloride	120	190	120	56	**U**
76-13-1	Trichlorotrifluoroethane	**500**	200	63	28	
75-15-0	Carbon Disulfide	200	370	200	59	**U**
75-34-3	1,1-Dichloroethane	120	200	120	29	**U**
78-93-3	2-Butanone (MEK)	120	370	120	41	**U**
141-78-6	Ethyl Acetate	240	370	240	100	**U**
110-54-3	n-Hexane	**110,000**	960	590	200	**D**
67-66-3	Chloroform	63	200	63	26	**U**
109-99-9	Tetrahydrofuran (THF)	63	370	63	25	**U**
107-06-2	1,2-Dichloroethane	63	190	63	22	**U**
71-43-2	Benzene	**1,000**	190	63	28	
56-23-5	Carbon Tetrachloride	**54**	190	63	27	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01235

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.13

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**150,000**	1,900	630	280	**D**
75-27-4	Bromodichloromethane	63	190	63	28	**U**
79-01-6	Trichloroethene	63	190	63	27	**U**
123-91-1	1,4-Dioxane	63	190	63	23	**U**
142-82-5	n-Heptane	**25,000**	190	120	31	
108-10-1	4-Methyl-2-pentanone	**330**	370	63	27	**J**
108-88-3	Toluene	**290**	190	63	24	
591-78-6	2-Hexanone	63	370	63	24	**U**
124-48-1	Dibromochloromethane	63	190	63	26	**U**
106-93-4	1,2-Dibromoethane	63	190	63	23	**U**
127-18-4	Tetrachloroethene	**45**	190	63	26	**J**
100-41-4	Ethylbenzene	63	190	63	28	**U**
179601-23-1	m,p-Xylenes	130	370	130	52	**U**
75-25-2	Bromoform	120	200	120	41	**U**
100-42-5	Styrene	120	190	120	32	**U**
95-47-6	o-Xylene	**200**	200	63	28	
108-67-8	1,3,5-Trimethylbenzene	**62**	200	63	28	**J**
95-63-6	1,2,4-Trimethylbenzene	63	190	63	27	**U**
120-82-1	1,2,4-Trichlorobenzene	120	370	120	48	**U**
91-20-3	Naphthalene	110	190	110	48	**U**
1330-20-7	Xylenes, Total	**200**	370	130	52	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01271

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.31

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**6,300**	4,800	2,900	1,200	
75-71-8	Dichlorodifluoromethane (CFC 12)	2,900	4,800	2,900	800	**U**
74-87-3	Chloromethane	2,900	4,800	2,900	790	**U**
75-01-4	Vinyl Chloride	1,600	4,800	1,600	520	**U**
106-99-0	1,3-Butadiene	2,900	4,800	2,900	810	**U**
75-00-3	Chloroethane	2,900	4,800	2,900	600	**U**
64-17-5	Ethanol	**4,700**	48,000	7,600	3,400	**J**
67-64-1	Acetone	25,000	48,000	25,000	11,000	**U**
75-69-4	Trichlorofluoromethane	2,900	4,700	2,900	740	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	5,800	9,200	5,800	2,000	**U**
75-09-2	Methylene Chloride	2,900	4,800	2,900	1,400	**U**
76-13-1	Trichlorotrifluoroethane	**1,100**	4,800	1,600	700	**J**
75-15-0	Carbon Disulfide	4,900	9,200	4,900	1,500	**U**
75-34-3	1,1-Dichloroethane	3,000	4,900	3,000	710	**U**
78-93-3	2-Butanone (MEK)	2,900	9,200	2,900	1,000	**U**
141-78-6	Ethyl Acetate	5,900	9,200	5,900	2,600	**U**
110-54-3	n-Hexane	**620,000**	4,800	2,900	1,000	
67-66-3	Chloroform	1,600	4,800	1,600	650	**U**
109-99-9	Tetrahydrofuran (THF)	1,600	9,200	1,600	610	**U**
107-06-2	1,2-Dichloroethane	1,600	4,800	1,600	540	**U**
71-43-2	Benzene	**4,200**	4,800	1,600	700	**J**
56-23-5	Carbon Tetrachloride	1,600	4,700	1,600	680	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01271

Initial Pressure (psig): -3.74 Final Pressure (psig): 5.31

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**830,000**	9,200	3,100	1,400	
75-27-4	Bromodichloromethane	1,600	4,800	1,600	700	**U**
79-01-6	Trichloroethene	1,600	4,700	1,600	660	**U**
123-91-1	1,4-Dioxane	1,600	4,800	1,600	580	**U**
142-82-5	n-Heptane	**150,000**	4,800	2,900	780	
108-10-1	4-Methyl-2-pentanone	1,600	9,200	1,600	670	**U**
108-88-3	Toluene	1,600	4,800	1,600	590	**U**
591-78-6	2-Hexanone	1,600	9,200	1,600	600	**U**
124-48-1	Dibromochloromethane	1,600	4,800	1,600	640	**U**
106-93-4	1,2-Dibromoethane	1,600	4,800	1,600	570	**U**
127-18-4	Tetrachloroethene	**770**	4,800	1,600	630	**J**
100-41-4	Ethylbenzene	1,600	4,800	1,600	690	**U**
179601-23-1	m,p-Xylenes	3,100	9,200	3,100	1,300	**U**
75-25-2	Bromoform	2,900	4,800	2,900	1,000	**U**
100-42-5	Styrene	2,900	4,800	2,900	790	**U**
95-47-6	o-Xylene	**2,000**	4,800	1,600	700	**J**
108-67-8	1,3,5-Trimethylbenzene	1,600	4,800	1,600	700	**U**
95-63-6	1,2,4-Trimethylbenzene	1,600	4,800	1,600	680	**U**
120-82-1	1,2,4-Trichlorobenzene	2,900	9,200	2,900	1,200	**U**
91-20-3	Naphthalene	2,800	4,800	2,800	1,200	**U**
1330-20-7	Xylenes, Total	**2,000**	9,200	3,100	1,300	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.025 Liter(s)
Test Notes:
Container ID: 1SS01284

Initial Pressure (psig): -3.86 Final Pressure (psig): 6.07

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**110**	40	25	10	
75-71-8	Dichlorodifluoromethane (CFC 12)	25	40	25	6.7	**U**
74-87-3	Chloromethane	25	40	25	6.6	**U**
75-01-4	Vinyl Chloride	13	41	13	4.4	**U**
106-99-0	1,3-Butadiene	25	40	25	6.8	**U**
75-00-3	Chloroethane	25	40	25	5.1	**U**
64-17-5	Ethanol	64	410	64	28	**U**
67-64-1	Acetone	210	400	210	92	**U**
75-69-4	Trichlorofluoromethane	**17**	39	25	6.2	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	48	77	48	17	**U**
75-09-2	Methylene Chloride	25	40	25	12	**U**
76-13-1	Trichlorotrifluoroethane	**1,800**	41	13	5.8	
75-15-0	Carbon Disulfide	**15**	77	41	12	**J**
75-34-3	1,1-Dichloroethane	25	41	25	6.0	**U**
78-93-3	2-Butanone (MEK)	25	77	25	8.4	**U**
141-78-6	Ethyl Acetate	50	77	50	22	**U**
110-54-3	n-Hexane	**3,200**	40	25	8.4	
67-66-3	Chloroform	**12**	41	13	5.5	**J**
109-99-9	Tetrahydrofuran (THF)	13	77	13	5.1	**U**
107-06-2	1,2-Dichloroethane	13	40	13	4.5	**U**
71-43-2	Benzene	**6.3**	40	13	5.9	**J**
56-23-5	Carbon Tetrachloride	**72**	39	13	5.7	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.025 Liter(s)
Test Notes:
Container ID: 1SS01284

Initial Pressure (psig): -3.86 Final Pressure (psig): 6.07

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**11,000**	77	26	12	
75-27-4	Bromodichloromethane	13	40	13	5.9	**U**
79-01-6	Trichloroethene	**5.8**	39	13	5.5	**J**
123-91-1	1,4-Dioxane	13	40	13	4.8	**U**
142-82-5	n-Heptane	**110**	40	25	6.5	
108-10-1	4-Methyl-2-pentanone	13	77	13	5.6	**U**
108-88-3	Toluene	**39**	40	13	5.0	**J**
591-78-6	2-Hexanone	13	77	13	5.1	**U**
124-48-1	Dibromochloromethane	13	40	13	5.4	**U**
106-93-4	1,2-Dibromoethane	13	40	13	4.8	**U**
127-18-4	Tetrachloroethene	**13**	40	13	5.3	**J**
100-41-4	Ethylbenzene	13	40	13	5.8	**U**
179601-23-1	m,p-Xylenes	**18**	77	26	11	**J**
75-25-2	Bromoform	25	41	25	8.4	**U**
100-42-5	Styrene	25	40	25	6.6	**U**
95-47-6	o-Xylene	**53**	41	13	5.9	
108-67-8	1,3,5-Trimethylbenzene	13	41	13	5.9	**U**
95-63-6	1,2,4-Trimethylbenzene	13	40	13	5.7	**U**
120-82-1	1,2,4-Trichlorobenzene	25	77	25	10	**U**
91-20-3	Naphthalene	24	40	24	10	**U**
1330-20-7	Xylenes, Total	**71**	77	26	11	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS01233

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.35

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**190**	18	11	4.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	**8.1**	18	11	2.9	**J**
74-87-3	Chloromethane	11	18	11	2.9	**U**
75-01-4	Vinyl Chloride	5.7	18	5.7	1.9	**U**
106-99-0	1,3-Butadiene	11	18	11	3.0	**U**
75-00-3	Chloroethane	11	18	11	2.2	**U**
64-17-5	Ethanol	**53**	180	28	13	**J**
67-64-1	Acetone	91	180	91	41	**U**
75-69-4	Trichlorofluoromethane	**20**	17	11	2.7	
67-63-0	2-Propanol (Isopropyl Alcohol)	**420**	34	21	7.4	
75-09-2	Methylene Chloride	11	18	11	5.1	**U**
76-13-1	Trichlorotrifluoroethane	**2,100**	18	5.7	2.6	
75-15-0	Carbon Disulfide	**11**	34	18	5.4	**J**
75-34-3	1,1-Dichloroethane	11	18	11	2.6	**U**
78-93-3	2-Butanone (MEK)	**6.1**	34	11	3.7	**J**
141-78-6	Ethyl Acetate	22	34	22	9.5	**U**
110-54-3	n-Hexane	**3,500**	18	11	3.7	
67-66-3	Chloroform	**14**	18	5.7	2.4	**J**
109-99-9	Tetrahydrofuran (THF)	**3.0**	34	5.7	2.3	**J**
107-06-2	1,2-Dichloroethane	5.7	18	5.7	2.0	**U**
71-43-2	Benzene	**14**	18	5.7	2.6	**J**
56-23-5	Carbon Tetrachloride	**86**	17	5.7	2.5	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SS01233

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.35

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**11,000**	110	38	17	**D**
75-27-4	Bromodichloromethane	5.7	18	5.7	2.6	**U**
79-01-6	Trichloroethene	**7.4**	17	5.7	2.4	**J**
123-91-1	1,4-Dioxane	5.7	18	5.7	2.1	**U**
142-82-5	n-Heptane	**170**	18	11	2.9	
108-10-1	4-Methyl-2-pentanone	5.7	34	5.7	2.5	**U**
108-88-3	Toluene	**47**	18	5.7	2.2	
591-78-6	2-Hexanone	5.7	34	5.7	2.2	**U**
124-48-1	Dibromochloromethane	5.7	18	5.7	2.4	**U**
106-93-4	1,2-Dibromoethane	5.7	18	5.7	2.1	**U**
127-18-4	Tetrachloroethene	**15**	18	5.7	2.3	**J**
100-41-4	Ethylbenzene	**5.2**	18	5.7	2.5	**J**
179601-23-1	m,p-Xylenes	**20**	34	11	4.7	**J**
75-25-2	Bromoform	11	18	11	3.7	**U**
100-42-5	Styrene	11	18	11	2.9	**U**
95-47-6	o-Xylene	**59**	18	5.7	2.6	
108-67-8	1,3,5-Trimethylbenzene	**2.6**	18	5.7	2.6	**J**
95-63-6	1,2,4-Trimethylbenzene	5.7	18	5.7	2.5	**U**
120-82-1	1,2,4-Trichlorobenzene	11	34	11	4.4	**U**
91-20-3	Naphthalene	10	18	10	4.4	**U**
1330-20-7	Xylenes, Total	**79**	34	11	4.7	

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D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01273

Initial Pressure (psig): -4.20 Final Pressure (psig): 5.24

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.7**	2.5	1.5	0.62	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	2.5	1.5	0.41	
74-87-3	Chloromethane	**5.9**	2.5	1.5	0.41	
75-01-4	Vinyl Chloride	**2.2**	2.5	0.81	0.27	**J**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	**1.8**	2.5	1.5	0.31	**J**
64-17-5	Ethanol	**20**	25	3.9	1.8	**J**
67-64-1	Acetone	13	25	13	5.7	**U**
75-69-4	Trichlorofluoromethane	**5.6**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.1**	4.8	3.0	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**580**	25	8.1	3.6	**D**
75-15-0	Carbon Disulfide	**27**	4.8	2.6	0.76	
75-34-3	1,1-Dichloroethane	**1.2**	2.6	1.6	0.37	**J**
78-93-3	2-Butanone (MEK)	**5.8**	4.8	1.5	0.52	
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	**79**	2.5	1.5	0.52	
67-66-3	Chloroform	**2.1**	2.5	0.81	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**7.0**	4.8	0.81	0.32	
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**15**	2.5	0.81	0.37	
56-23-5	Carbon Tetrachloride	**32**	2.4	0.81	0.35	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV108-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01273

Initial Pressure (psig): -4.20 Final Pressure (psig): 5.24

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**140**	4.8	1.6	0.71	
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	**2.7**	2.4	0.81	0.34	
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**58**	2.5	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	**2.8**	4.8	0.81	0.35	**J**
108-88-3	Toluene	**68**	2.5	0.81	0.31	
591-78-6	2-Hexanone	0.81	4.8	0.81	0.31	**U**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.29	**U**
127-18-4	Tetrachloroethene	**10**	2.5	0.81	0.33	
100-41-4	Ethylbenzene	**0.96**	2.5	0.81	0.36	**J**
179601-23-1	m,p-Xylenes	**6.4**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**5.8**	2.5	0.81	0.37	
108-67-8	1,3,5-Trimethylbenzene	**1.0**	2.5	0.81	0.37	**J**
95-63-6	1,2,4-Trimethylbenzene	0.81	2.5	0.81	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.62	**U**
1330-20-7	Xylenes, Total	**12**	4.8	1.6	0.67	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00546

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.24

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.64**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	2.4	1.5	0.41	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**5.5**	25	3.9	1.7	**J**
67-64-1	Acetone	13	24	13	5.6	**U**
75-69-4	Trichlorofluoromethane	**3.9**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.7	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.70	**U**
76-13-1	Trichlorotrifluoroethane	**62**	2.5	0.79	0.36	
75-15-0	Carbon Disulfide	**1.2**	4.7	2.5	0.75	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**0.72**	4.7	1.5	0.51	**J**
141-78-6	Ethyl Acetate	**14**	4.7	3.0	1.3	
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	**8.2**	2.5	0.79	0.33	
109-99-9	Tetrahydrofuran (THF)	**1.4**	4.7	0.79	0.31	**J**
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.28	**U**
71-43-2	Benzene	**0.49**	2.4	0.79	0.36	**J**
56-23-5	Carbon Tetrachloride	**17**	2.4	0.79	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00546

Initial Pressure (psig): -4.06 Final Pressure (psig): 5.24

Container Dilution Factor: 1.87

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.7	1.6	0.70	**U**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	0.79	2.4	0.79	0.34	**U**
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	1.5	2.4	1.5	0.40	**U**
108-10-1	4-Methyl-2-pentanone	0.79	4.7	0.79	0.34	**U**
108-88-3	Toluene	**1.1**	2.4	0.79	0.30	**J**
591-78-6	2-Hexanone	0.79	4.7	0.79	0.31	**U**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.33	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**1.4**	2.4	0.79	0.32	**J**
100-41-4	Ethylbenzene	0.79	2.4	0.79	0.35	**U**
179601-23-1	m,p-Xylenes	1.6	4.7	1.6	0.65	**U**
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	0.79	2.5	0.79	0.36	**U**
108-67-8	1,3,5-Trimethylbenzene	0.79	2.5	0.79	0.36	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.49**	2.4	0.79	0.35	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.61	**U**
1330-20-7	Xylenes, Total	1.6	4.7	1.6	0.65	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00101

Initial Pressure (psig): -4.01 Final Pressure (psig): 5.69

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.5	1.5	0.62	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**14**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**13**	25	4.0	1.8	**J**
67-64-1	Acetone	**8.6**	25	13	5.7	**J**
75-69-4	Trichlorofluoromethane	**4.3**	2.4	1.5	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	4.8	3.0	1.1	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**69**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	**2.4**	4.8	2.6	0.76	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**3.6**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	**0.58**	2.5	1.5	0.53	**J**
67-66-3	Chloroform	**11**	2.5	0.81	0.34	
109-99-9	Tetrahydrofuran (THF)	**5.5**	4.8	0.81	0.32	
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**0.64**	2.5	0.81	0.37	**J**
56-23-5	Carbon Tetrachloride	**21**	2.4	0.81	0.35	

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00101

Initial Pressure (psig): -4.01 Final Pressure (psig): 5.69

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**0.46**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	0.81	4.8	0.81	0.35	**U**
108-88-3	Toluene	**1.4**	2.5	0.81	0.31	**J**
591-78-6	2-Hexanone	**0.37**	4.8	0.81	0.32	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.30	**U**
127-18-4	Tetrachloroethene	**1.4**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**1.3**	2.5	0.81	0.36	**J**
179601-23-1	m,p-Xylenes	**1.3**	4.8	1.6	0.67	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**0.49**	2.5	0.81	0.37	**J**
108-67-8	1,3,5-Trimethylbenzene	0.81	2.5	0.81	0.37	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.64**	2.5	0.81	0.35	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.62	**U**
1330-20-7	Xylenes, Total	**1.8**	4.8	1.6	0.67	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00220

Initial Pressure (psig): -2.54 Final Pressure (psig): 5.97

Container Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.2	1.4	0.55	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**12**	2.2	1.4	0.37	
74-87-3	Chloromethane	1.4	2.2	1.4	0.37	**U**
75-01-4	Vinyl Chloride	0.72	2.3	0.72	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.37	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**18**	23	3.5	1.6	**J**
67-64-1	Acetone	**18**	22	11	5.1	**J**
75-69-4	Trichlorofluoromethane	**2.6**	2.2	1.4	0.34	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	4.3	2.7	0.94	**J**
75-09-2	Methylene Chloride	**2.0**	2.2	1.4	0.64	**J**
76-13-1	Trichlorotrifluoroethane	**23**	2.3	0.72	0.32	
75-15-0	Carbon Disulfide	**7.4**	4.3	2.3	0.68	
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**4.3**	4.3	1.4	0.47	
141-78-6	Ethyl Acetate	**5.1**	4.3	2.8	1.2	
110-54-3	n-Hexane	**0.48**	2.2	1.4	0.47	**J**
67-66-3	Chloroform	**1.5**	2.3	0.72	0.30	**J**
109-99-9	Tetrahydrofuran (THF)	**4.8**	4.3	0.72	0.28	
107-06-2	1,2-Dichloroethane	0.72	2.2	0.72	0.25	**U**
71-43-2	Benzene	**1.0**	2.2	0.72	0.33	**J**
56-23-5	Carbon Tetrachloride	**6.1**	2.2	0.72	0.31	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00220

Initial Pressure (psig): -2.54 Final Pressure (psig): 5.97

Container Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.4	4.3	1.4	0.64	**U**
75-27-4	Bromodichloromethane	0.72	2.2	0.72	0.33	**U**
79-01-6	Trichloroethene	0.72	2.2	0.72	0.31	**U**
123-91-1	1,4-Dioxane	**0.49**	2.2	0.72	0.27	**J**
142-82-5	n-Heptane	**0.65**	2.2	1.4	0.36	**J**
108-10-1	4-Methyl-2-pentanone	**0.36**	4.3	0.72	0.31	**J**
108-88-3	Toluene	**5.4**	2.2	0.72	0.28	
591-78-6	2-Hexanone	**0.98**	4.3	0.72	0.28	**J**
124-48-1	Dibromochloromethane	0.72	2.2	0.72	0.30	**U**
106-93-4	1,2-Dibromoethane	0.72	2.2	0.72	0.26	**U**
127-18-4	Tetrachloroethene	**28**	2.2	0.72	0.29	
100-41-4	Ethylbenzene	**0.45**	2.2	0.72	0.32	**J**
179601-23-1	m,p-Xylenes	**1.4**	4.3	1.4	0.60	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**0.40**	2.3	0.72	0.33	**J**
108-67-8	1,3,5-Trimethylbenzene	0.72	2.3	0.72	0.33	**U**
95-63-6	1,2,4-Trimethylbenzene	0.72	2.2	0.72	0.31	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.55	**U**
91-20-3	Naphthalene	1.3	2.2	1.3	0.55	**U**
1330-20-7	Xylenes, Total	**1.8**	4.3	1.4	0.60	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00196

Initial Pressure (psig): -3.92 Final Pressure (psig): 5.35

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.5**	2.4	1.5	0.60	
75-71-8	Dichlorodifluoromethane (CFC 12)	**11**	2.4	1.5	0.40	
74-87-3	Chloromethane	**0.59**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**20**	25	3.9	1.7	**J**
67-64-1	Acetone	**40**	24	13	5.6	
75-69-4	Trichlorofluoromethane	**3.6**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**10**	4.7	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.70	**U**
76-13-1	Trichlorotrifluoroethane	**58**	2.5	0.79	0.35	
75-15-0	Carbon Disulfide	**31**	4.7	2.5	0.74	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**7.3**	4.7	1.5	0.51	
141-78-6	Ethyl Acetate	**81**	4.7	3.0	1.3	
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	0.79	2.5	0.79	0.33	**U**
109-99-9	Tetrahydrofuran (THF)	**3.0**	4.7	0.79	0.31	**J**
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	**U**
71-43-2	Benzene	**13**	2.4	0.79	0.36	
56-23-5	Carbon Tetrachloride	**22**	2.4	0.79	0.34	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-250-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00196

Initial Pressure (psig): -3.92 Final Pressure (psig): 5.35

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.5**	4.7	1.6	0.70	**J**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	0.79	2.4	0.79	0.33	**U**
123-91-1	1,4-Dioxane	**4.6**	2.4	0.79	0.29	
142-82-5	n-Heptane	1.5	2.4	1.5	0.40	**U**
108-10-1	4-Methyl-2-pentanone	**0.38**	4.7	0.79	0.34	**J**
108-88-3	Toluene	**26**	2.4	0.79	0.30	
591-78-6	2-Hexanone	0.79	4.7	0.79	0.31	**U**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.33	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**3.2**	2.4	0.79	0.32	
100-41-4	Ethylbenzene	**1.2**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**2.8**	4.7	1.6	0.65	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**1.8**	2.5	0.79	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.5	0.79	0.36	**J**
95-63-6	1,2,4-Trimethylbenzene	0.79	2.4	0.79	0.34	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.60	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.60	**U**
1330-20-7	Xylenes, Total	**4.6**	4.7	1.6	0.65	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01253

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.0**	2.2	1.4	0.56	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**26**	2.2	1.4	0.38	
74-87-3	Chloromethane	1.4	2.2	1.4	0.37	**U**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.29	**U**
64-17-5	Ethanol	**4.0**	23	3.6	1.6	**J**
67-64-1	Acetone	**8.5**	22	12	5.2	**J**
75-69-4	Trichlorofluoromethane	**5.0**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.7	4.3	2.7	0.95	**U**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.65	**U**
76-13-1	Trichlorotrifluoroethane	**29**	2.3	0.74	0.33	
75-15-0	Carbon Disulfide	**4.9**	4.3	2.3	0.69	
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**1.4**	4.3	1.4	0.48	**J**
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**1.3**	2.2	1.4	0.48	**J**
67-66-3	Chloroform	0.74	2.3	0.74	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	**0.76**	4.3	0.74	0.29	**J**
107-06-2	1,2-Dichloroethane	0.74	2.2	0.74	0.26	**U**
71-43-2	Benzene	**12**	2.2	0.74	0.33	
56-23-5	Carbon Tetrachloride	**14**	2.2	0.74	0.32	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01253

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2.9**	4.3	1.5	0.65	**J**
75-27-4	Bromodichloromethane	0.74	2.2	0.74	0.33	**U**
79-01-6	Trichloroethene	**0.99**	2.2	0.74	0.31	**J**
123-91-1	1,4-Dioxane	0.74	2.2	0.74	0.27	**U**
142-82-5	n-Heptane	**3.1**	2.2	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.74	4.3	0.74	0.32	**U**
108-88-3	Toluene	**60**	2.2	0.74	0.28	
591-78-6	2-Hexanone	0.74	4.3	0.74	0.29	**U**
124-48-1	Dibromochloromethane	0.74	2.2	0.74	0.30	**U**
106-93-4	1,2-Dibromoethane	**0.54**	2.2	0.74	0.27	**J**
127-18-4	Tetrachloroethene	**2.7**	2.2	0.74	0.30	
100-41-4	Ethylbenzene	**7.0**	2.2	0.74	0.32	
179601-23-1	m,p-Xylenes	**20**	4.3	1.5	0.61	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**7.9**	2.3	0.74	0.33	
108-67-8	1,3,5-Trimethylbenzene	**1.6**	2.3	0.74	0.33	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.8**	2.2	0.74	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**1.0**	2.2	1.3	0.56	**J**
1330-20-7	Xylenes, Total	**28**	4.3	1.5	0.61	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC00615

Initial Pressure (psig): -2.65 Final Pressure (psig): 5.87

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1,200**	440	270	110	
75-71-8	Dichlorodifluoromethane (CFC 12)	270	440	270	74	**U**
74-87-3	Chloromethane	270	440	270	74	**U**
75-01-4	Vinyl Chloride	150	450	150	49	**U**
106-99-0	1,3-Butadiene	270	440	270	75	**U**
75-00-3	Chloroethane	270	440	270	56	**U**
64-17-5	Ethanol	710	4,500	710	320	**U**
67-64-1	Acetone	2,300	4,400	2,300	1,000	**U**
75-69-4	Trichlorofluoromethane	270	440	270	69	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	540	860	540	190	**U**
75-09-2	Methylene Chloride	270	440	270	130	**U**
76-13-1	Trichlorotrifluoroethane	**120**	450	150	65	**J**
75-15-0	Carbon Disulfide	460	860	460	140	**U**
75-34-3	1,1-Dichloroethane	280	460	280	67	**U**
78-93-3	2-Butanone (MEK)	270	860	270	94	**U**
141-78-6	Ethyl Acetate	560	860	560	240	**U**
110-54-3	n-Hexane	**130,000**	1,800	1,100	380	**D**
67-66-3	Chloroform	150	450	150	61	**U**
109-99-9	Tetrahydrofuran (THF)	150	860	150	57	**U**
107-06-2	1,2-Dichloroethane	150	440	150	50	**U**
71-43-2	Benzene	**19,000**	440	150	66	
56-23-5	Carbon Tetrachloride	150	440	150	63	**U**

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC00615

Initial Pressure (psig): -2.65 Final Pressure (psig): 5.87

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**250,000**		3,400	1,200	510	**D**
75-27-4	Bromodichloromethane		150	440	150	66	**U**
79-01-6	Trichloroethene		150	440	150	62	**U**
123-91-1	1,4-Dioxane		150	440	150	54	**U**
142-82-5	n-Heptane	**130,000**		1,800	1,100	290	**D**
108-10-1	4-Methyl-2-pentanone		150	860	150	62	**U**
108-88-3	Toluene	**19,000**		440	150	56	
591-78-6	2-Hexanone		150	860	150	56	**U**
124-48-1	Dibromochloromethane		150	440	150	60	**U**
106-93-4	1,2-Dibromoethane		150	440	150	53	**U**
127-18-4	Tetrachloroethene	**63**		440	150	59	**J**
100-41-4	Ethylbenzene	**1,500**		440	150	64	
179601-23-1	m,p-Xylenes	**9,300**		860	290	120	
75-25-2	Bromoform		270	450	270	94	**U**
100-42-5	Styrene		270	440	270	74	**U**
95-47-6	o-Xylene	**6,200**		450	150	66	
108-67-8	1,3,5-Trimethylbenzene	**1,100**		450	150	66	
95-63-6	1,2,4-Trimethylbenzene	**740**		440	150	63	
120-82-1	1,2,4-Trichlorobenzene		270	860	270	110	**U**
91-20-3	Naphthalene		270	440	270	110	**U**
1330-20-7	Xylenes, Total	**16,000**		860	290	120	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS00693

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.84

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**730**	480	290	120	
75-71-8	Dichlorodifluoromethane (CFC 12)	290	480	290	80	**U**
74-87-3	Chloromethane	290	480	290	79	**U**
75-01-4	Vinyl Chloride	160	480	160	52	**U**
106-99-0	1,3-Butadiene	290	480	290	81	**U**
75-00-3	Chloroethane	290	480	290	60	**U**
64-17-5	Ethanol	760	4,800	760	340	**U**
67-64-1	Acetone	2,500	4,800	2,500	1,100	**U**
75-69-4	Trichlorofluoromethane	290	470	290	74	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	580	920	580	200	**U**
75-09-2	Methylene Chloride	290	480	290	140	**U**
76-13-1	Trichlorotrifluoroethane	**120**	480	160	70	**J**
75-15-0	Carbon Disulfide	490	920	490	150	**U**
75-34-3	1,1-Dichloroethane	300	490	300	71	**U**
78-93-3	2-Butanone (MEK)	290	920	290	100	**U**
141-78-6	Ethyl Acetate	590	920	590	260	**U**
110-54-3	n-Hexane	**100,000**	1,900	1,200	400	**D**
67-66-3	Chloroform	160	480	160	65	**U**
109-99-9	Tetrahydrofuran (THF)	160	920	160	61	**U**
107-06-2	1,2-Dichloroethane	160	480	160	54	**U**
71-43-2	Benzene	**17,000**	480	160	70	
56-23-5	Carbon Tetrachloride	160	470	160	68	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV112-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS00693

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.84

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**210,000**		3,700	1,200	550	**D**
75-27-4	Bromodichloromethane		160	480	160	70	**U**
79-01-6	Trichloroethene		160	470	160	66	**U**
123-91-1	1,4-Dioxane		160	480	160	58	**U**
142-82-5	n-Heptane	**110,000**		1,900	1,200	310	**D**
108-10-1	4-Methyl-2-pentanone		160	920	160	67	**U**
108-88-3	Toluene	**18,000**		480	160	59	
591-78-6	2-Hexanone		160	920	160	60	**U**
124-48-1	Dibromochloromethane		160	480	160	64	**U**
106-93-4	1,2-Dibromoethane		160	480	160	57	**U**
127-18-4	Tetrachloroethene	**69**		480	160	63	**J**
100-41-4	Ethylbenzene	**1,500**		480	160	69	
179601-23-1	m,p-Xylenes	**9,100**		920	310	130	
75-25-2	Bromoform		290	480	290	100	**U**
100-42-5	Styrene		290	480	290	79	**U**
95-47-6	o-Xylene	**6,100**		480	160	70	
108-67-8	1,3,5-Trimethylbenzene	**1,200**		480	160	70	
95-63-6	1,2,4-Trimethylbenzene	**940**		480	160	68	
120-82-1	1,2,4-Trichlorobenzene		290	920	290	120	**U**
91-20-3	Naphthalene		280	480	280	120	**U**
1330-20-7	Xylenes, Total	**15,000**		920	310	130	

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01285

Initial Pressure (psig): -4.40 Final Pressure (psig): 5.78

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.6	2.6	1.6	0.65	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.4**	2.6	1.6	0.43	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.6	0.85	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**26**	26	4.1	1.8	**J**
67-64-1	Acetone	**11**	26	13	6.0	**J**
75-69-4	Trichlorofluoromethane	**3.9**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	5.0	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**33**	2.6	0.85	0.38	
75-15-0	Carbon Disulfide	**1.9**	5.0	2.7	0.80	**J**
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**6.2**	5.0	1.6	0.55	
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**0.91**	2.6	0.85	0.35	**J**
109-99-9	Tetrahydrofuran (THF)	**0.41**	5.0	0.85	0.33	**J**
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.29	**U**
71-43-2	Benzene	0.85	2.6	0.85	0.38	**U**
56-23-5	Carbon Tetrachloride	**10**	2.5	0.85	0.37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01285

Initial Pressure (psig): -4.40 Final Pressure (psig): 5.78

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.88**	5.0	1.7	0.75	**J**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.38	**U**
79-01-6	Trichloroethene	0.85	2.5	0.85	0.36	**U**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.31	**U**
142-82-5	n-Heptane	**0.58**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.36	**U**
108-88-3	Toluene	**1.2**	2.6	0.85	0.32	**J**
591-78-6	2-Hexanone	**1.6**	5.0	0.85	0.33	**J**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**0.38**	2.6	0.85	0.34	**J**
100-41-4	Ethylbenzene	0.85	2.6	0.85	0.37	**U**
179601-23-1	m,p-Xylenes	1.7	5.0	1.7	0.70	**U**
75-25-2	Bromoform	1.6	2.6	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**0.97**	2.6	0.85	0.38	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.63**	2.6	0.85	0.38	**J**
95-63-6	1,2,4-Trimethylbenzene	0.85	2.6	0.85	0.37	**U**
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.65	**U**
1330-20-7	Xylenes, Total	**0.97**	5.0	1.7	0.70	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00031

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.64

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**6.1**	2.5	1.5	0.62	
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.6**	2.5	1.5	0.41	
74-87-3	Chloromethane	**4.7**	2.5	1.5	0.41	
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	**0.58**	2.5	1.5	0.31	**J**
64-17-5	Ethanol	**9.1**	25	3.9	1.8	**J**
67-64-1	Acetone	**230**	25	13	5.7	
75-69-4	Trichlorofluoromethane	**5.0**	2.4	1.5	0.38	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.5**	4.8	3.0	1.0	**J**
75-09-2	Methylene Chloride	**1.6**	2.5	1.5	0.71	**J**
76-13-1	Trichlorotrifluoroethane	**49**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	**2.7**	4.8	2.6	0.76	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**29**	4.8	1.5	0.52	
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	**2.1**	2.5	1.5	0.52	**J**
67-66-3	Chloroform	**1.2**	2.5	0.81	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**28**	4.8	0.81	0.32	
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**0.47**	2.5	0.81	0.37	**J**
56-23-5	Carbon Tetrachloride	**13**	2.4	0.81	0.35	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00031

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.64

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.3**	4.8	1.6	0.71	**J**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	**7.4**	2.4	0.81	0.34	
123-91-1	1,4-Dioxane	**0.78**	2.5	0.81	0.30	**J**
142-82-5	n-Heptane	**1.2**	2.5	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	**1.2**	4.8	0.81	0.35	**J**
108-88-3	Toluene	**1.2**	2.5	0.81	0.31	**J**
591-78-6	2-Hexanone	**2.4**	4.8	0.81	0.31	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.29	**U**
127-18-4	Tetrachloroethene	**0.49**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	0.81	2.5	0.81	0.36	**U**
179601-23-1	m,p-Xylenes	1.6	4.8	1.6	0.67	**U**
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**0.53**	2.5	0.81	0.37	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.40**	2.5	0.81	0.37	**J**
95-63-6	1,2,4-Trimethylbenzene	0.81	2.5	0.81	0.35	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.62	**U**
1330-20-7	Xylenes, Total	1.6	4.8	1.6	0.67	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-160-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -3.03 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**25**	89	55	22	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	55	89	55	15	**U**
74-87-3	Chloromethane	55	89	55	15	**U**
75-01-4	Vinyl Chloride	29	91	29	9.8	**U**
106-99-0	1,3-Butadiene	55	89	55	15	**U**
75-00-3	Chloroethane	55	89	55	11	**U**
64-17-5	Ethanol	140	910	140	64	**U**
67-64-1	Acetone	460	890	460	210	**U**
75-69-4	Trichlorofluoromethane	55	88	55	14	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**410**	170	110	38	
75-09-2	Methylene Chloride	55	89	55	26	**U**
76-13-1	Trichlorotrifluoroethane	**69**	91	29	13	**J**
75-15-0	Carbon Disulfide	**63**	170	93	28	**J**
75-34-3	1,1-Dichloroethane	57	93	57	13	**U**
78-93-3	2-Butanone (MEK)	**36**	170	55	19	**J**
141-78-6	Ethyl Acetate	**85**	170	110	48	**J**
110-54-3	n-Hexane	**170**	89	55	19	
67-66-3	Chloroform	29	91	29	12	**U**
109-99-9	Tetrahydrofuran (THF)	29	170	29	12	**U**
107-06-2	1,2-Dichloroethane	29	89	29	10	**U**
71-43-2	Benzene	**20**	89	29	13	**J**
56-23-5	Carbon Tetrachloride	**15**	88	29	13	**J**

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ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-160-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -3.03 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3,800**	170	58	26	
75-27-4	Bromodichloromethane	29	89	29	13	**U**
79-01-6	Trichloroethene	29	88	29	12	**U**
123-91-1	1,4-Dioxane	29	89	29	11	**U**
142-82-5	n-Heptane	**110**	89	55	15	
108-10-1	4-Methyl-2-pentanone	29	170	29	13	**U**
108-88-3	Toluene	29	89	29	11	**U**
591-78-6	2-Hexanone	29	170	29	11	**U**
124-48-1	Dibromochloromethane	29	89	29	12	**U**
106-93-4	1,2-Dibromoethane	29	89	29	11	**U**
127-18-4	Tetrachloroethene	**12**	89	29	12	**J**
100-41-4	Ethylbenzene	29	89	29	13	**U**
179601-23-1	m,p-Xylenes	58	170	58	24	**U**
75-25-2	Bromoform	55	91	55	19	**U**
100-42-5	Styrene	55	89	55	15	**U**
95-47-6	o-Xylene	29	91	29	13	**U**
108-67-8	1,3,5-Trimethylbenzene	29	91	29	13	**U**
95-63-6	1,2,4-Trimethylbenzene	29	89	29	13	**U**
120-82-1	1,2,4-Trichlorobenzene	55	170	55	22	**U**
91-20-3	Naphthalene	53	89	53	22	**U**
1330-20-7	Xylenes, Total	58	170	58	24	**U**

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-265-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00442

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.81

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**780**	930	570	230	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	570	930	570	160	**U**
74-87-3	Chloromethane	570	930	570	150	**U**
75-01-4	Vinyl Chloride	300	950	300	100	**U**
106-99-0	1,3-Butadiene	570	930	570	160	**U**
75-00-3	Chloroethane	570	930	570	120	**U**
64-17-5	Ethanol	1,500	9,500	1,500	660	**U**
67-64-1	Acetone	4,800	9,300	4,800	2,100	**U**
75-69-4	Trichlorofluoromethane	570	910	570	140	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,100	1,800	1,100	390	**U**
75-09-2	Methylene Chloride	570	930	570	270	**U**
76-13-1	Trichlorotrifluoroethane	**300**	950	300	140	**J**
75-15-0	Carbon Disulfide	970	1,800	970	290	**U**
75-34-3	1,1-Dichloroethane	590	970	590	140	**U**
78-93-3	2-Butanone (MEK)	570	1,800	570	200	**U**
141-78-6	Ethyl Acetate	1,200	1,800	1,200	500	**U**
110-54-3	n-Hexane	**9,500**	930	570	200	
67-66-3	Chloroform	300	950	300	130	**U**
109-99-9	Tetrahydrofuran (THF)	300	1,800	300	120	**U**
107-06-2	1,2-Dichloroethane	300	930	300	110	**U**
71-43-2	Benzene	300	930	300	140	**U**
56-23-5	Carbon Tetrachloride	300	910	300	130	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-265-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SC00442

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.81

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**310,000**	1,800	610	270	
75-27-4	Bromodichloromethane	300	930	300	140	**U**
79-01-6	Trichloroethene	300	910	300	130	**U**
123-91-1	1,4-Dioxane	300	930	300	110	**U**
142-82-5	n-Heptane	**470**	930	570	150	**J**
108-10-1	4-Methyl-2-pentanone	300	1,800	300	130	**U**
108-88-3	Toluene	300	930	300	120	**U**
591-78-6	2-Hexanone	300	1,800	300	120	**U**
124-48-1	Dibromochloromethane	300	930	300	130	**U**
106-93-4	1,2-Dibromoethane	300	930	300	110	**U**
127-18-4	Tetrachloroethene	**130**	930	300	120	**J**
100-41-4	Ethylbenzene	300	930	300	130	**U**
179601-23-1	m,p-Xylenes	610	1,800	610	250	**U**
75-25-2	Bromoform	570	950	570	200	**U**
100-42-5	Styrene	570	930	570	150	**U**
95-47-6	o-Xylene	300	950	300	140	**U**
108-67-8	1,3,5-Trimethylbenzene	300	950	300	140	**U**
95-63-6	1,2,4-Trimethylbenzene	300	930	300	130	**U**
120-82-1	1,2,4-Trichlorobenzene	570	1,800	570	230	**U**
91-20-3	Naphthalene	550	930	550	230	**U**
1330-20-7	Xylenes, Total	610	1,800	610	250	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-019

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00673

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.14

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene		180	300	180	75	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**59**		300	180	50	**J**
74-87-3	Chloromethane		180	300	180	49	**U**
75-01-4	Vinyl Chloride		97	300	97	33	**U**
106-99-0	1,3-Butadiene		180	300	180	50	**U**
75-00-3	Chloroethane		180	300	180	38	**U**
64-17-5	Ethanol	**4,200**		3,000	480	210	
67-64-1	Acetone		1,500	3,000	1,500	690	**U**
75-69-4	Trichlorofluoromethane		180	290	180	46	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**170**		570	360	130	**J**
75-09-2	Methylene Chloride	**200**		300	180	86	**J**
76-13-1	Trichlorotrifluoroethane	**120**		300	97	44	**J**
75-15-0	Carbon Disulfide		310	570	310	92	**U**
75-34-3	1,1-Dichloroethane		190	310	190	45	**U**
78-93-3	2-Butanone (MEK)		180	570	180	63	**U**
141-78-6	Ethyl Acetate	**270**		570	370	160	**J**
110-54-3	n-Hexane	**4,600**		300	180	63	
67-66-3	Chloroform		97	300	97	41	**U**
109-99-9	Tetrahydrofuran (THF)		97	570	97	38	**U**
107-06-2	1,2-Dichloroethane		97	300	97	34	**U**
71-43-2	Benzene		97	300	97	44	**U**
56-23-5	Carbon Tetrachloride		97	290	97	42	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-350-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-019

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SC00673

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.14

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**44,000**	570	190	86	
75-27-4	Bromodichloromethane	97	300	97	44	**U**
79-01-6	Trichloroethene	97	290	97	41	**U**
123-91-1	1,4-Dioxane	97	300	97	36	**U**
142-82-5	n-Heptane	180	300	180	49	**U**
108-10-1	4-Methyl-2-pentanone	97	570	97	42	**U**
108-88-3	Toluene	97	300	97	37	**U**
591-78-6	2-Hexanone	97	570	97	38	**U**
124-48-1	Dibromochloromethane	97	300	97	40	**U**
106-93-4	1,2-Dibromoethane	97	300	97	36	**U**
127-18-4	Tetrachloroethene	**47**	300	97	40	**J**
100-41-4	Ethylbenzene	97	300	97	43	**U**
179601-23-1	m,p-Xylenes	190	570	190	80	**U**
75-25-2	Bromoform	180	300	180	63	**U**
100-42-5	Styrene	180	300	180	49	**U**
95-47-6	o-Xylene	97	300	97	44	**U**
108-67-8	1,3,5-Trimethylbenzene	97	300	97	44	**U**
95-63-6	1,2,4-Trimethylbenzene	97	300	97	42	**U**
120-82-1	1,2,4-Trichlorobenzene	180	570	180	75	**U**
91-20-3	Naphthalene	180	300	180	75	**U**
1330-20-7	Xylenes, Total	190	570	190	80	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00365

Initial Pressure (psig): -3.44 Final Pressure (psig): 5.92

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	59	95	59	24	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	59	95	59	16	**U**
74-87-3	Chloromethane	**20**	95	59	16	**J**
75-01-4	Vinyl Chloride	31	97	31	10	**U**
106-99-0	1,3-Butadiene	59	95	59	16	**U**
75-00-3	Chloroethane	59	95	59	12	**U**
64-17-5	Ethanol	**150**	970	150	68	**J**
67-64-1	Acetone	490	950	490	220	**U**
75-69-4	Trichlorofluoromethane	59	93	59	15	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	120	180	120	40	**U**
75-09-2	Methylene Chloride	59	95	59	27	**U**
76-13-1	Trichlorotrifluoroethane	**40**	97	31	14	**J**
75-15-0	Carbon Disulfide	**220**	180	99	29	
75-34-3	1,1-Dichloroethane	60	99	60	14	**U**
78-93-3	2-Butanone (MEK)	**62**	180	59	20	**J**
141-78-6	Ethyl Acetate	120	180	120	51	**U**
110-54-3	n-Hexane	**5,400**	95	59	20	
67-66-3	Chloroform	31	97	31	13	**U**
109-99-9	Tetrahydrofuran (THF)	**28**	180	31	12	**J**
107-06-2	1,2-Dichloroethane	31	95	31	11	**U**
71-43-2	Benzene	**45**	95	31	14	**J**
56-23-5	Carbon Tetrachloride	**56**	93	31	14	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-612** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SC00365

Initial Pressure (psig): -3.44 Final Pressure (psig): 5.92

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**23,000**	180	62	27	
75-27-4	Bromodichloromethane	31	95	31	14	**U**
79-01-6	Trichloroethene	31	93	31	13	**U**
123-91-1	1,4-Dioxane	31	95	31	12	**U**
142-82-5	n-Heptane	**89**	95	59	16	**J**
108-10-1	4-Methyl-2-pentanone	31	180	31	13	**U**
108-88-3	Toluene	**200**	95	31	12	
591-78-6	2-Hexanone	31	180	31	12	**U**
124-48-1	Dibromochloromethane	31	95	31	13	**U**
106-93-4	1,2-Dibromoethane	31	95	31	11	**U**
127-18-4	Tetrachloroethene	31	95	31	13	**U**
100-41-4	Ethylbenzene	**39**	95	31	14	**J**
179601-23-1	m,p-Xylenes	**82**	180	62	26	**J**
75-25-2	Bromoform	59	97	59	20	**U**
100-42-5	Styrene	59	95	59	16	**U**
95-47-6	o-Xylene	**48**	97	31	14	**J**
108-67-8	1,3,5-Trimethylbenzene	**28**	97	31	14	**J**
95-63-6	1,2,4-Trimethylbenzene	**56**	95	31	14	**J**
120-82-1	1,2,4-Trichlorobenzene	59	180	59	24	**U**
91-20-3	Naphthalene	57	95	57	24	**U**
1330-20-7	Xylenes, Total	**130**	180	62	26	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-021

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01270

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.76

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**47**	50	31	13	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	31	50	31	8.4	**U**
74-87-3	Chloromethane	**13**	50	31	8.3	**J**
75-01-4	Vinyl Chloride	16	51	16	5.5	**U**
106-99-0	1,3-Butadiene	31	50	31	8.5	**U**
75-00-3	Chloroethane	31	50	31	6.4	**U**
64-17-5	Ethanol	81	510	81	36	**U**
67-64-1	Acetone	260	500	260	120	**U**
75-69-4	Trichlorofluoromethane	31	49	31	7.9	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	61	97	61	21	**U**
75-09-2	Methylene Chloride	31	50	31	15	**U**
76-13-1	Trichlorotrifluoroethane	**26**	51	16	7.4	**J**
75-15-0	Carbon Disulfide	**120**	97	52	16	**B**
75-34-3	1,1-Dichloroethane	32	52	32	7.6	**U**
78-93-3	2-Butanone (MEK)	31	97	31	11	**U**
141-78-6	Ethyl Acetate	63	97	63	27	**U**
110-54-3	n-Hexane	**3,600**	50	31	11	
67-66-3	Chloroform	16	51	16	6.9	**U**
109-99-9	Tetrahydrofuran (THF)	**13**	97	16	6.5	**J**
107-06-2	1,2-Dichloroethane	16	50	16	5.7	**U**
71-43-2	Benzene	**130**	50	16	7.5	
56-23-5	Carbon Tetrachloride	**46**	49	16	7.2	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV118-450-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-021

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01270

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.76

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**16,000**	97	33	15	
75-27-4	Bromodichloromethane	16	50	16	7.5	**U**
79-01-6	Trichloroethene	16	49	16	7.0	**U**
123-91-1	1,4-Dioxane	16	50	16	6.1	**U**
142-82-5	n-Heptane	**17**	50	31	8.2	**J**
108-10-1	4-Methyl-2-pentanone	16	97	16	7.1	**U**
108-88-3	Toluene	**120**	50	16	6.3	
591-78-6	2-Hexanone	16	97	16	6.4	**U**
124-48-1	Dibromochloromethane	16	50	16	6.8	**U**
106-93-4	1,2-Dibromoethane	16	50	16	6.0	**U**
127-18-4	Tetrachloroethene	16	50	16	6.7	**U**
100-41-4	Ethylbenzene	16	50	16	7.3	**U**
179601-23-1	m,p-Xylenes	33	97	33	14	**U**
75-25-2	Bromoform	31	51	31	11	**U**
100-42-5	Styrene	31	50	31	8.3	**U**
95-47-6	o-Xylene	**34**	51	16	7.5	**J**
108-67-8	1,3,5-Trimethylbenzene	**13**	51	16	7.5	**J**
95-63-6	1,2,4-Trimethylbenzene	16	50	16	7.2	**U**
120-82-1	1,2,4-Trichlorobenzene	31	97	31	13	**U**
91-20-3	Naphthalene	30	50	30	13	**U**
1330-20-7	Xylenes, Total	**34**	97	33	14	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01147

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.43

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.70**	2.5	1.5	0.62	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.5**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**8.3**	25	4.0	1.8	**J**
67-64-1	Acetone	**18**	25	13	5.7	**J**
75-69-4	Trichlorofluoromethane	**1.4**	2.4	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	4.8	3.0	1.1	**J**
75-09-2	Methylene Chloride	**4.4**	2.5	1.5	0.72	
76-13-1	Trichlorotrifluoroethane	**25**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	2.6	4.8	2.6	0.76	**U**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**4.0**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	**U**
110-54-3	n-Hexane	1.5	2.5	1.5	0.53	**U**
67-66-3	Chloroform	**0.34**	2.5	0.81	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	0.81	4.8	0.81	0.32	**U**
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**0.43**	2.5	0.81	0.37	**J**
56-23-5	Carbon Tetrachloride	**1.3**	2.4	0.81	0.35	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-025-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01147

Initial Pressure (psig): -3.66 Final Pressure (psig): 6.43

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**1.1**	2.5	1.5	0.41	**J**
108-10-1	4-Methyl-2-pentanone	0.81	4.8	0.81	0.35	**U**
108-88-3	Toluene	**4.2**	2.5	0.81	0.31	
591-78-6	2-Hexanone	**0.88**	4.8	0.81	0.32	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.30	**U**
127-18-4	Tetrachloroethene	**0.98**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**1.7**	2.5	0.81	0.36	**J**
179601-23-1	m,p-Xylenes	**10**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**2.8**	2.5	0.81	0.37	
108-67-8	1,3,5-Trimethylbenzene	**3.6**	2.5	0.81	0.37	
95-63-6	1,2,4-Trimethylbenzene	**17**	2.5	0.81	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**3.9**	2.5	1.5	0.62	
1330-20-7	Xylenes, Total	**13**	4.8	1.6	0.67	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00566

Initial Pressure (psig): -3.33 Final Pressure (psig): 6.21

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.2**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.7**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**3.0**	24	3.8	1.7	**J**
67-64-1	Acetone	**14**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**2.4**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.9	4.6	2.9	1.0	**U**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**92**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**2.8**	4.6	2.5	0.74	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	1.5	4.6	1.5	0.51	**U**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	0.78	2.4	0.78	0.33	**U**
109-99-9	Tetrahydrofuran (THF)	0.78	4.6	0.78	0.31	**U**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**0.49**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**3.1**	2.3	0.78	0.34	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-050-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00566

Initial Pressure (psig): -3.33 Final Pressure (psig): 6.21

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	0.78	2.3	0.78	0.33	**U**
123-91-1	1,4-Dioxane	**0.36**	2.4	0.78	0.29	**J**
142-82-5	n-Heptane	**1.1**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.34	**U**
108-88-3	Toluene	**2.9**	2.4	0.78	0.30	
591-78-6	2-Hexanone	**0.88**	4.6	0.78	0.30	**J**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.29	**U**
127-18-4	Tetrachloroethene	**2.9**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	**1.1**	2.4	0.78	0.35	**J**
179601-23-1	m,p-Xylenes	**6.5**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**1.7**	2.4	0.78	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.7**	2.4	0.78	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.7**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**1.7**	2.4	1.4	0.60	**J**
1330-20-7	Xylenes, Total	**8.1**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00900

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.45

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**100**	4.4	2.7	1.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.3**	4.4	2.7	0.74	**J**
74-87-3	Chloromethane	**6.9**	4.4	2.7	0.74	
75-01-4	Vinyl Chloride	1.5	4.5	1.5	0.49	**U**
106-99-0	1,3-Butadiene	2.7	4.4	2.7	0.75	**U**
75-00-3	Chloroethane	2.7	4.4	2.7	0.56	**U**
64-17-5	Ethanol	**4.6**	45	7.1	3.2	**J**
67-64-1	Acetone	23	44	23	10	**U**
75-69-4	Trichlorofluoromethane	**1.7**	4.4	2.7	0.69	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	5.4	8.6	5.4	1.9	**U**
75-09-2	Methylene Chloride	2.7	4.4	2.7	1.3	**U**
76-13-1	Trichlorotrifluoroethane	**60**	4.5	1.5	0.65	
75-15-0	Carbon Disulfide	**36**	8.6	4.6	1.4	
75-34-3	1,1-Dichloroethane	2.8	4.6	2.8	0.67	**U**
78-93-3	2-Butanone (MEK)	2.7	8.6	2.7	0.94	**U**
141-78-6	Ethyl Acetate	5.6	8.6	5.6	2.4	**U**
110-54-3	n-Hexane	**13**	4.4	2.7	0.94	
67-66-3	Chloroform	**4.8**	4.5	1.5	0.61	
109-99-9	Tetrahydrofuran (THF)	1.5	8.6	1.5	0.57	**U**
107-06-2	1,2-Dichloroethane	1.5	4.4	1.5	0.50	**U**
71-43-2	Benzene	**11**	4.4	1.5	0.66	
56-23-5	Carbon Tetrachloride	**12**	4.4	1.5	0.63	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-150-212** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102243-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00900

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.45

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**110**	8.6	2.9	1.3	
75-27-4	Bromodichloromethane	1.5	4.4	1.5	0.66	**U**
79-01-6	Trichloroethene	1.5	4.4	1.5	0.62	**U**
123-91-1	1,4-Dioxane	1.5	4.4	1.5	0.54	**U**
142-82-5	n-Heptane	**0.97**	4.4	2.7	0.73	**J**
108-10-1	4-Methyl-2-pentanone	1.5	8.6	1.5	0.62	**U**
108-88-3	Toluene	**4.7**	4.4	1.5	0.56	
591-78-6	2-Hexanone	1.5	8.6	1.5	0.56	**U**
124-48-1	Dibromochloromethane	1.5	4.4	1.5	0.60	**U**
106-93-4	1,2-Dibromoethane	1.5	4.4	1.5	0.53	**U**
127-18-4	Tetrachloroethene	**3.7**	4.4	1.5	0.59	**J**
100-41-4	Ethylbenzene	1.5	4.4	1.5	0.64	**U**
179601-23-1	m,p-Xylenes	**3.6**	8.6	2.9	1.2	**J**
75-25-2	Bromoform	2.7	4.5	2.7	0.94	**U**
100-42-5	Styrene	2.7	4.4	2.7	0.74	**U**
95-47-6	o-Xylene	**1.1**	4.5	1.5	0.66	**J**
108-67-8	1,3,5-Trimethylbenzene	1.5	4.5	1.5	0.66	**U**
95-63-6	1,2,4-Trimethylbenzene	**2.0**	4.4	1.5	0.63	**J**
120-82-1	1,2,4-Trichlorobenzene	2.7	8.6	2.7	1.1	**U**
91-20-3	Naphthalene	2.7	4.4	2.7	1.1	**U**
1330-20-7	Xylenes, Total	**4.7**	8.6	2.9	1.2	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	**0.22**	1.0	0.54	0.16	**J**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102243

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/10 - 5/13/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210510-MB	**95**	**104**	**102**	70-130	
Method Blank	P210511-MB	**92**	**105**	**107**	70-130	
Method Blank	P210512-MB	**94**	**105**	**103**	70-130	
Method Blank	P210513-MB	**93**	**104**	**106**	70-130	
Lab Control Sample	P210510-LCS	**93**	**101**	**102**	70-130	
Lab Control Sample	P210511-LCS	**91**	**101**	**107**	70-130	
Lab Control Sample	P210512-LCS	**92**	**101**	**102**	70-130	
Lab Control Sample	P210513-LCS	**91**	**100**	**106**	70-130	
Duplicate Lab Control Sample	P210510-DLCS	**93**	**100**	**101**	70-130	
Duplicate Lab Control Sample	P210511-DLCS	**91**	**101**	**105**	70-130	
Duplicate Lab Control Sample	P210512-DLCS	**93**	**101**	**102**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**91**	**100**	**105**	70-130	
SV108-025-212	P2102243-001	**93**	**104**	**106**	70-130	
SV108-050-212	P2102243-002	**92**	**105**	**107**	70-130	
SV108-150-212	P2102243-003	**95**	**94**	**98**	70-130	
SV108-250-212	P2102243-004	**95**	**103**	**102**	70-130	
SV108-350-612	P2102243-005	**92**	**103**	**100**	70-130	
SV108-350-212	P2102243-006	**93**	**96**	**98**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102243

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/10 - 5/13/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV108-450-212	P2102243-007	**92**	**104**	**106**	70-130	
SV112-025-212	P2102243-008	**94**	**104**	**104**	70-130	
SV112-050-212	P2102243-009	**92**	**105**	**110**	70-130	
SV112-150-212	P2102243-010	**92**	**106**	**110**	70-130	
SV112-250-212	P2102243-011	**93**	**105**	**112**	70-130	
SV112-350-212	P2102243-012	**92**	**105**	**110**	70-130	
SV112-450-612	P2102243-013	**94**	**95**	**95**	70-130	
SV112-450-212	P2102243-014	**94**	**95**	**97**	70-130	
SV118-025-212	P2102243-015	**93**	**105**	**106**	70-130	
SV118-050-212	P2102243-016	**94**	**106**	**105**	70-130	
SV118-160-212	P2102243-017	**94**	**103**	**102**	70-130	
SV118-265-212	P2102243-018	**94**	**100**	**102**	70-130	
SV118-350-212	P2102243-019	**94**	**103**	**103**	70-130	
SV118-450-612	P2102243-020	**94**	**101**	**102**	70-130	
SV118-450-212	P2102243-021	**90**	**98**	**109**	70-130	
SV119-025-212	P2102243-022	**95**	**104**	**103**	70-130	
SV119-050-212	P2102243-023	**95**	**106**	**103**	70-130	
SV119-150-212	P2102243-024	**94**	**104**	**104**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	164	164	**78**	**78**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	174	173	**83**	**82**	59-128	1	25	
74-87-3	Chloromethane	206	194	189	**94**	**92**	59-132	2	25	
75-01-4	Vinyl Chloride	208	192	193	**92**	**93**	64-127	1	25	
106-99-0	1,3-Butadiene	210	211	210	**100**	**100**	66-134	0	25	
75-00-3	Chloroethane	204	196	197	**96**	**97**	63-127	1	25	
64-17-5	Ethanol	998	844	855	**85**	**86**	59-125	1	25	
67-64-1	Acetone	1,030	861	870	**84**	**84**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	173	174	**85**	**85**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	341	346	**84**	**85**	52-125	1	25	
75-09-2	Methylene Chloride	208	185	186	**89**	**89**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	187	188	**87**	**88**	66-126	1	25	
75-15-0	Carbon Disulfide	428	387	388	**90**	**91**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	179	181	**84**	**85**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	374	382	**91**	**93**	67-130	2	25	
141-78-6	Ethyl Acetate	422	490	501	**116**	**119**	65-128	3	25	
110-54-3	n-Hexane	212	168	171	**79**	**81**	63-120	3	25	
67-66-3	Chloroform	214	181	183	**85**	**86**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	346	350	**87**	**88**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	178	180	**86**	**87**	65-128	1	25	
71-43-2	Benzene	204	159	159	**78**	**78**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	181	181	**86**	**86**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210510-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	370	373	**89**	**90**	70-117	1	25	
75-27-4	Bromodichloromethane	210	184	186	**88**	**89**	72-128	1	25	
79-01-6	Trichloroethene	206	184	185	**89**	**90**	71-123	1	25	
123-91-1	1,4-Dioxane	208	174	175	**84**	**84**	71-122	0	25	
142-82-5	n-Heptane	210	184	186	**88**	**89**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	384	390	**92**	**94**	67-130	2	25	
108-88-3	Toluene	206	176	177	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	404	360	366	**89**	**91**	62-128	2	25	
124-48-1	Dibromochloromethane	210	208	209	**99**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	205	206	**99**	**99**	74-122	0	25	
127-18-4	Tetrachloroethene	206	183	183	**89**	**89**	66-124	0	25	
100-41-4	Ethylbenzene	206	185	186	**90**	**90**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	369	371	**90**	**90**	61-134	0	25	
75-25-2	Bromoform	208	216	217	**104**	**104**	66-139	0	25	
100-42-5	Styrene	206	181	182	**88**	**88**	73-127	0	25	
95-47-6	o-Xylene	206	183	184	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	184	185	**89**	**90**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	188	188	**92**	**92**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	380	379	**98**	**98**	55-142	0	25	
91-20-3	Naphthalene	198	203	202	**103**	**102**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	154	155	**73**	**74**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	173	172	**82**	**82**	59-128	0	25	
74-87-3	Chloromethane	206	172	170	**83**	**83**	59-132	0	25	
75-01-4	Vinyl Chloride	208	181	186	**87**	**89**	64-127	2	25	
106-99-0	1,3-Butadiene	210	196	204	**93**	**97**	66-134	4	25	
75-00-3	Chloroethane	204	181	187	**89**	**92**	63-127	3	25	
64-17-5	Ethanol	998	758	795	**76**	**80**	59-125	5	25	
67-64-1	Acetone	1,030	803	828	**78**	**80**	58-128	3	25	
75-69-4	Trichlorofluoromethane	204	172	174	**84**	**85**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	312	324	**76**	**79**	52-125	4	25	
75-09-2	Methylene Chloride	208	177	181	**85**	**87**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	187	188	**87**	**88**	66-126	1	25	
75-15-0	Carbon Disulfide	428	368	378	**86**	**88**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	168	175	**79**	**83**	68-126	5	25	
78-93-3	2-Butanone (MEK)	412	357	368	**87**	**89**	67-130	2	25	
141-78-6	Ethyl Acetate	422	459	481	**109**	**114**	65-128	4	25	
110-54-3	n-Hexane	212	158	164	**75**	**77**	63-120	3	25	
67-66-3	Chloroform	214	175	180	**82**	**84**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	400	330	335	**83**	**84**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	173	176	**83**	**85**	65-128	2	25	
71-43-2	Benzene	204	154	157	**75**	**77**	69-119	3	25	
56-23-5	Carbon Tetrachloride	210	184	184	**88**	**88**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210511-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	360	368	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	210	183	185	**87**	**88**	72-128	1	25	
79-01-6	Trichloroethene	206	186	187	**90**	**91**	71-123	1	25	
123-91-1	1,4-Dioxane	208	169	173	**81**	**83**	71-122	2	25	
142-82-5	n-Heptane	210	178	182	**85**	**87**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	368	378	**88**	**91**	67-130	3	25	
108-88-3	Toluene	206	175	176	**85**	**85**	66-119	0	25	
591-78-6	2-Hexanone	404	341	352	**84**	**87**	62-128	4	25	
124-48-1	Dibromochloromethane	210	212	212	**101**	**101**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	206	206	**99**	**99**	74-122	0	25	
127-18-4	Tetrachloroethene	206	189	188	**92**	**91**	66-124	1	25	
100-41-4	Ethylbenzene	206	185	186	**90**	**90**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	370	371	**90**	**90**	61-134	0	25	
75-25-2	Bromoform	208	223	222	**107**	**107**	66-139	0	25	
100-42-5	Styrene	206	182	183	**88**	**89**	73-127	1	25	
95-47-6	o-Xylene	206	184	184	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	189	188	**92**	**91**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	192	191	**94**	**94**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	406	396	**105**	**102**	55-142	3	25	
91-20-3	Naphthalene	198	214	210	**108**	**106**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	161	162	**77**	**77**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	172	171	**82**	**81**	59-128	1	25	
74-87-3	Chloromethane	206	177	172	**86**	**83**	59-132	4	25	
75-01-4	Vinyl Chloride	208	189	190	**91**	**91**	64-127	0	25	
106-99-0	1,3-Butadiene	210	204	208	**97**	**99**	66-134	2	25	
75-00-3	Chloroethane	204	193	192	**95**	**94**	63-127	1	25	
64-17-5	Ethanol	998	812	829	**81**	**83**	59-125	2	25	
67-64-1	Acetone	1,030	841	853	**82**	**83**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	171	172	**84**	**84**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	328	333	**80**	**82**	52-125	2	25	
75-09-2	Methylene Chloride	208	182	183	**88**	**88**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	185	187	**86**	**87**	66-126	1	25	
75-15-0	Carbon Disulfide	428	378	383	**88**	**89**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	175	178	**83**	**84**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	369	376	**90**	**91**	67-130	1	25	
141-78-6	Ethyl Acetate	422	480	490	**114**	**116**	65-128	2	25	
110-54-3	n-Hexane	212	164	168	**77**	**79**	63-120	3	25	
67-66-3	Chloroform	214	177	179	**83**	**84**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	338	345	**85**	**86**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	174	176	**84**	**85**	65-128	1	25	
71-43-2	Benzene	204	156	158	**76**	**77**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	178	180	**85**	**86**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210512-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	364	367	**88**	**88**	70-117	0	25	
75-27-4	Bromodichloromethane	210	181	183	**86**	**87**	72-128	1	25	
79-01-6	Trichloroethene	206	182	183	**88**	**89**	71-123	1	25	
123-91-1	1,4-Dioxane	208	170	172	**82**	**83**	71-122	1	25	
142-82-5	n-Heptane	210	181	183	**86**	**87**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	375	381	**90**	**92**	67-130	2	25	
108-88-3	Toluene	206	175	177	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	404	353	360	**87**	**89**	62-128	2	25	
124-48-1	Dibromochloromethane	210	208	210	**99**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	204	205	**98**	**99**	74-122	1	25	
127-18-4	Tetrachloroethene	206	184	184	**89**	**89**	66-124	0	25	
100-41-4	Ethylbenzene	206	184	186	**89**	**90**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	359	363	**87**	**88**	61-134	1	25	
75-25-2	Bromoform	208	216	217	**104**	**104**	66-139	0	25	
100-42-5	Styrene	206	180	182	**87**	**88**	73-127	1	25	
95-47-6	o-Xylene	206	182	184	**88**	**89**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	184	186	**89**	**90**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	187	189	**92**	**93**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	374	379	**96**	**98**	55-142	2	25	
91-20-3	Naphthalene	198	198	201	**100**	**102**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	156	156	**74**	**74**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	168	169	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	206	178	178	**86**	**86**	59-132	0	25	
75-01-4	Vinyl Chloride	208	183	187	**88**	**90**	64-127	2	25	
106-99-0	1,3-Butadiene	210	197	204	**94**	**97**	66-134	3	25	
75-00-3	Chloroethane	204	186	189	**91**	**93**	63-127	2	25	
64-17-5	Ethanol	998	778	804	**78**	**81**	59-125	4	25	
67-64-1	Acetone	1,030	813	829	**79**	**80**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	169	170	**83**	**83**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	315	326	**77**	**80**	52-125	4	25	
75-09-2	Methylene Chloride	208	177	180	**85**	**87**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	184	187	**86**	**87**	66-126	1	25	
75-15-0	Carbon Disulfide	428	371	377	**87**	**88**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	170	174	**80**	**82**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	359	367	**87**	**89**	67-130	2	25	
141-78-6	Ethyl Acetate	422	464	476	**110**	**113**	65-128	3	25	
110-54-3	n-Hexane	212	159	163	**75**	**77**	63-120	3	25	
67-66-3	Chloroform	214	175	177	**82**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	331	334	**83**	**84**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	170	174	**82**	**84**	65-128	2	25	
71-43-2	Benzene	204	153	156	**75**	**76**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	178	180	**85**	**86**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	360	364	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	210	181	182	**86**	**87**	72-128	1	25	
79-01-6	Trichloroethene	206	181	183	**88**	**89**	71-123	1	25	
123-91-1	1,4-Dioxane	208	170	172	**82**	**83**	71-122	1	25	
142-82-5	n-Heptane	210	178	180	**85**	**86**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	368	375	**88**	**90**	67-130	2	25	
108-88-3	Toluene	206	172	174	**83**	**84**	66-119	1	25	
591-78-6	2-Hexanone	404	340	347	**84**	**86**	62-128	2	25	
124-48-1	Dibromochloromethane	210	208	207	**99**	**99**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	202	203	**97**	**98**	74-122	1	25	
127-18-4	Tetrachloroethene	206	183	183	**89**	**89**	66-124	0	25	
100-41-4	Ethylbenzene	206	182	182	**88**	**88**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	362	364	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	208	217	216	**104**	**104**	66-139	0	25	
100-42-5	Styrene	206	178	179	**86**	**87**	73-127	1	25	
95-47-6	o-Xylene	206	180	181	**87**	**88**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	184	183	**89**	**89**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	186	186	**91**	**91**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	385	382	**99**	**98**	55-142	1	25	
91-20-3	Naphthalene	198	204	203	**103**	**103**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05102133.D
Analyst: Simon Cao Date Analyzed: 5/10/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 20:43
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	158464		9.15	711083		11.11		366274		15.45	
	Upper Limit	221850		9.48	995516		11.44		512784		15.78	
	Lower Limit	95078		8.82	426650		10.78		219764		15.12	
	Client Sample ID											
01	Method Blank	150470		9.12	678549		11.10		338529		15.45	
02	Lab Control Sample	153974		9.15	689399		11.11		351419		15.45	
03	Duplicate Lab Control Sample	152818		9.15	688684		11.11		350744		15.45	
04	SV112-050-212	137002		9.12	612133		11.10		295639		15.44	
05	SV112-150-212	131031		9.13	584717		11.10		281342		15.44	
06	SV112-250-212	129507		9.13	579907		11.10		280983		15.45	
07	SV112-350-212	135641		9.12	605976		11.10		294104		15.45	
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05112101.D
Analyst: Simon Cao Date Analyzed: 5/11/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 12:23
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	147353		9.15		655198		11.11		336019		15.45	
	Upper Limit	206294		9.48		917277		11.44		470427		15.78	
	Lower Limit	88412		8.82		393119		10.78		201611		15.12	
	Client Sample ID												
01	Method Blank	138471		9.12		617319		11.10		301108		15.44	
02	Lab Control Sample	138858		9.15		616533		11.11		313054		15.45	
03	Duplicate Lab Control Sample	142752		9.15		637342		11.11		324119		15.45	
04	SV108-150-212	156213		9.13		694050		11.10		364220		15.45	
05	SV108-250-212	157518		9.13		714738		11.10		352275		15.45	
06	SV108-025-212	142428		9.12		638140		11.10		315705		15.44	
07	SV108-050-212	135605		9.12		606845		11.10		295549		15.44	
08	SV108-450-212	136320		9.13		610373		11.10		301400		15.45	
09	SV112-025-212	146181		9.12		658792		11.10		324772		15.44	
10	SV118-025-212	141033		9.12		634423		11.10		309831		15.44	
11	SV118-050-212	148598		9.13		665988		11.10		324888		15.45	
12	SV119-025-212	150810		9.12		678952		11.10		335952		15.44	
13	SV119-050-212	153204		9.12		687748		11.10		336214		15.44	
14													
15													
16													
17													
18													
19													
20													

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05122101.D
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 03:49
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	162020		9.15	724150		11.11		365954		15.45	
	Upper Limit	226828		9.48	1013810		11.44		512336		15.78	
	Lower Limit	97212		8.82	434490		10.78		219572		15.12	
	Client Sample ID											
01	Method Blank	147992		9.12	665451		11.09		325249		15.44	
02	Lab Control Sample	151909		9.15	681062		11.11		343297		15.45	
03	Duplicate Lab Control Sample	152364		9.14	686464		11.11		345569		15.45	
04	SV108-450-212 (Dilution)	153993		9.12	688455		11.10		335156		15.44	
05	SV108-350-612	152816		9.13	685839		11.10		331754		15.45	
06	SV112-450-612	160025		9.13	719179		11.10		374823		15.45	
07	SV112-450-612 (Dilution)	157874		9.12	716314		11.10		352418		15.45	
08	SV108-150-212 (Dilution)	156453		9.12	706387		11.10		348769		15.45	
09	SV108-350-212	157947		9.13	699794		11.11		362133		15.45	
10	SV119-150-212	152944		9.12	688489		11.10		344202		15.45	
11	SV108-350-212 (Dilution)	153964		9.13	697324		11.10		345768		15.45	
12	SV112-450-212 (Dilution)	155843		9.12	706614		11.10		354968		15.45	
13	SV112-450-212	160057		9.13	716904		11.10		379440		15.45	
14	SV118-265-212	160361		9.13	730071		11.10		362945		15.45	
15	SV118-160-212	158561		9.12	717167		11.10		361928		15.45	
16	SV118-350-212	160398		9.13	724365		11.10		362792		15.45	
17	SV118-450-612	161025		9.13	731006		11.10		362478		15.45	
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102243
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05132101.D
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 23:20
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	158267		9.15	709725		11.11		362434		15.45	
	Upper Limit	221574		9.48	993615		11.44		507408		15.78	
	Lower Limit	94960		8.82	425835		10.78		217460		15.12	
	Client Sample ID											
01	Method Blank	143496		9.12	645479		11.10		319214		15.44	
02	Lab Control Sample	149287		9.15	666656		11.11		338188		15.45	
03	Duplicate Lab Control Sample	151147		9.15	677593		11.11		345475		15.45	
04	SV118-450-212	120708		9.13	535529		11.10		269667		15.45	
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
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AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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LABORATORY REPORT

June 7, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 27, 2021. For your reference, these analyses have been assigned our service request number P2102340.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 5:44 pm, Jun 07, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102340
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 27, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2102340-005,006,007,010,011,012,013,014,016,017,019,020	Acetone
P2102340-018	Propene

The minimum criterion for Propene was not met in the Continuing Calibration Verification (CCV), and (CCV END) analyzed on May 14, 2021. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analyte of concern was analyzed each day of analysis. The MRL check standard verified that instrument sensitivity was adequate to detect the analyte at the MRL on the day of analysis. No further corrective action was necessary.

The acceptance criterion was exceeded for ethyl acetate in the Laboratory Control Sample (LCS) analyzed on June 3, 2021. Due to hold time restrictions, results have been reported with the appropriate data qualifier.

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Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102340
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102340
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/23/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV119-250-212	P2102340-001	Air	4/20/2021	11:29	1SC00845	-2.36	5.75	X
SV119-350-212	P2102340-002	Air	4/20/2021	11:34	1SC00864	-3.02	5.38	X
SV119-450-212	P2102340-003	Air	4/20/2021	11:45	1SS00037	-4.15	5.61	X
SV126-025-212	P2102340-004	Air	4/20/2021	10:00	1SS01211	-3.97	5.50	X
SV126-050-212	P2102340-005	Air	4/20/2021	10:04	1SS01316	-3.39	6.52	X
SV126-150-212	P2102340-006	Air	4/20/2021	10:10	1SS01317	-4.24	6.34	X
SV126-250-212	P2102340-007	Air	4/20/2021	10:16	1SS01339	-2.36	5.37	X
SV126-350-212	P2102340-008	Air	4/20/2021	10:22	1SS01313	-2.96	5.63	X
SV126-450-212	P2102340-009	Air	4/20/2021	10:35	1SS01345	-2.81	5.23	X
SV129-025-212	P2102340-010	Air	4/19/2021	12:46	1SS01307	-3.02	5.84	X
SV129-050-212	P2102340-011	Air	4/19/2021	12:51	1SS01300	-3.48	5.53	X
SV129-150-212	P2102340-012	Air	4/19/2021	12:56	1SS01201	-2.93	5.41	X
SV129-250-212	P2102340-013	Air	4/19/2021	13:00	1SS01198	-3.61	5.70	X
SV129-350-212	P2102340-014	Air	4/19/2021	13:05	1SS01303	-3.19	5.50	X
SV129-450-212	P2102340-015	Air	4/19/2021	13:13	1SS01197	-3.79	5.91	X
SV130-025-212	P2102340-016	Air	4/20/2021	08:41	1SS01341	-2.60	5.67	X
SV130-050-212	P2102340-017	Air	4/20/2021	08:49	1SS01320	-0.35	5.91	X
SV130-150-212	P2102340-018	Air	4/20/2021	08:56	1SS01314	-4.12	5.70	X
SV130-250-212	P2102340-019	Air	4/20/2021	09:03	1SS01340	-3.65	5.76	X
SV130-350-212	P2102340-020	Air	4/20/2021	09:10	1SS01315	-3.21	5.71	X
SV130-450-612	P2102340-021	Air	4/20/2021	09:23	1SS01343	-2.36	5.85	X
SV130-450-212	P2102340-022	Air	4/20/2021	09:23	1SS01209	-4.63	5.98	X
SV1-102-212	P2102340-023	Air	4/20/2021	13:42	1SS01204	-4.35	5.82	X
SV1-113-212	P2102340-024	Air	4/20/2021	13:48	1SS01346	-4.46	5.75	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-03

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No: R2102340

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Facilty
Project Number	62735DM02
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
P.O. # / Billing Information	17682
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV119-250-212	1	4/20/2021	11:29	1SC00845	NA	-23.0	0.0	1L	X	None
SV119-350-212	2	4/20/2021	11:34	1SC00864	NA	-23.5	-1.0	1L	X	None
SV119-450-212	3	4/20/2021	11:45	1SS00037	NA	-25.0	-4.5	1L	X	None
SV126-025-212	4	4/20/2021	10:00	1SS01211	NA	-25.0	-4.0	1L	X	None
SV126-050-212	5	4/20/2021	10:04	1SS01316	NA	-28.0	-4.5	1L	X	None
SV126-150-212	6	4/20/2021	10:10	1SS01317	NA	-25.0	-4.5	1L	X	None
SV126-250-212	7	4/20/2021	10:16	1SS01339	NA	-25.0	-1.0	1L	X	None
SV126-350-212	8	4/20/2021	10:22	1SS01313	NA	-25.5	-3.0	1L	X	None
SV126-450-212	9	4/20/2021	10:35	1SS01345	NA	-25.0	-2.5	1L	X	None
SV129-025-212	10	4/19/2021	12:46	1SS01307	NA	-25.0	-2.5	1L	X	None
SV129-050-212	11	4/19/2021	12:51	1SS01300	NA	-24.5	-2.0	1L	X	None
SV129-150-212	12	4/19/2021	12:56	1SS01201	NA	-27.0	-2.5	1L	X	None

FedEX Tracking Number: 9719 9695 2066

Shipping information: Box number 2 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)

Received by: (Signature) Date: 4-23-21 Time: 0930

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

Page 4 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-03

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. R2102340

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Faciltiy
Project Number	62735DM02
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
P.O. # / Billing Information	17682
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV129-250-212	13	4/19/2021	13:00	1SS01198	NA	-23.0	0.0	1L	X	None
SV129-350-212	14	4/19/2021	13:05	1SS01303	NA	-25.0	-2.0	1L	X	None
SV129-450-212	15	4/19/2021	13:13	1SS01197	NA	-25.0	-3.5	1L	X	None
SV130-025-212	16	4/20/2021	08:41	1SS01341	NA	-24.0	0.0	1L	X	None
SV130-050-212	17	4/20/2021	08:49	1SS01320	NA	-26.0	-3.0	1L	X	None
SV130-150-212	18	4/20/2021	08:56	1SS01314	NA	-24.5	-4.0	1L	X	None
SV130-250-212	19	4/20/2021	09:03	1SS01340	NA	-25.0	-3.5	1L	X	None
SV130-350-212	20	4/20/2021	09:10	1SS01315	NA	-23.0	-2.5	1L	X	None
SV130-450-612	21	4/20/2021	09:23	1SS01343	NA	-26.0	-2.0	1L	X	None
SV130-450-212	22	4/20/2021	09:23	1SS01209	NA	-23.5	-4.0	1L	X	None
SV1-102-212	23	4/20/2021	13:42	1SS01204	NA	-27.0	-5.5	1L	X	None
SV1-113-212	24	4/20/2021	13:48	1SS01346	NA	-25.5	-5.0	1L	X	None

FedEX Tracking Number: 9719 9695 2261

Shipping information: Box number 3 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 4-23-21	Time: 0930

Cooler / Blank Temperature NA °C

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ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102340

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/27/2021 Date opened: 4/27/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102340-001.01	1.0 L Source Can					
P2102340-002.01	1.0 L Source Can					
P2102340-003.01	1.0 L Source Silonite Canister					
P2102340-004.01	1.0 L Source Silonite Canister					
P2102340-005.01	1.0 L Source Silonite Canister					
P2102340-006.01	1.0 L Source Silonite Canister					
P2102340-007.01	1.0 L Source Silonite Canister					
P2102340-008.01	1.0 L Source Silonite Canister					
P2102340-009.01	1.0 L Source Silonite Canister					
P2102340-010.01	1.0 L Source Silonite Canister					
P2102340-011.01	1.0 L Source Silonite Canister					
P2102340-012.01	1.0 L Source Silonite Canister					
P2102340-013.01	1.0 L Source Silonite Canister					
P2102340-014.01	1.0 L Source Silonite Canister					
P2102340-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102340

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/27/2021 Date opened: 4/27/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102340-016.01	1.0 L Source Silonite Canister					
P2102340-017.01	1.0 L Source Silonite Canister					
P2102340-018.01	1.0 L Source Silonite Canister					
P2102340-019.01	1.0 L Source Silonite Canister					
P2102340-020.01	1.0 L Source Silonite Canister					
P2102340-021.01	1.0 L Source Silonite Canister					
P2102340-022.01	1.0 L Source Silonite Canister					
P2102340-023.01	1.0 L Source Silonite Canister					
P2102340-024.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00845

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.75

Container Dilution Factor: 1.66

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	620	1,000	620	250	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	210	350	210	58	**U**
74-87-3	Chloromethane	510	840	510	140	**U**
75-01-4	Vinyl Chloride	220	690	220	74	**U**
106-99-0	1,3-Butadiene	480	780	480	130	**U**
75-00-3	Chloroethane	400	650	400	83	**U**
64-17-5	Ethanol	1,500	9,300	1,500	650	**U**
67-64-1	Acetone	3,800	7,300	3,800	1,700	**U**
75-69-4	Trichlorofluoromethane	190	300	190	48	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	850	1,400	850	300	**U**
75-09-2	Methylene Chloride	310	500	310	140	**U**
76-13-1	Trichlorotrifluoroethane	74	230	74	33	**U**
75-15-0	Carbon Disulfide	580	1,100	580	170	**U**
75-34-3	1,1-Dichloroethane	270	440	270	64	**U**
78-93-3	2-Butanone (MEK)	360	1,100	360	120	**U**
141-78-6	Ethyl Acetate	600	920	600	260	**U**
110-54-3	n-Hexane	**12,000**	490	300	100	
67-66-3	Chloroform	120	360	120	48	**U**
109-99-9	Tetrahydrofuran (THF)	190	1,100	190	75	**U**
107-06-2	1,2-Dichloroethane	140	430	140	48	**U**
71-43-2	Benzene	**20,000**	540	180	80	
56-23-5	Carbon Tetrachloride	90	270	90	39	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00845

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.75

Container Dilution Factor: 1.66

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**93,000**	960	330	140	
75-27-4	Bromodichloromethane	84	260	84	38	**U**
79-01-6	Trichloroethene	110	320	110	44	**U**
123-91-1	1,4-Dioxane	160	480	160	58	**U**
142-82-5	n-Heptane	**580**	420	260	69	
108-10-1	4-Methyl-2-pentanone	140	810	140	59	**U**
108-88-3	Toluene	150	460	150	57	**U**
591-78-6	2-Hexanone	140	810	140	54	**U**
124-48-1	Dibromochloromethane	66	200	66	27	**U**
106-93-4	1,2-Dibromoethane	73	220	73	27	**U**
127-18-4	Tetrachloroethene	83	250	83	34	**U**
100-41-4	Ethylbenzene	130	400	130	57	**U**
179601-23-1	m,p-Xylenes	260	760	260	110	**U**
75-25-2	Bromoform	100	170	100	35	**U**
100-42-5	Styrene	250	410	250	67	**U**
95-47-6	o-Xylene	**1,100**	410	130	59	
108-67-8	1,3,5-Trimethylbenzene	**190**	360	110	52	**J**
95-63-6	1,2,4-Trimethylbenzene	110	350	110	50	**U**
120-82-1	1,2,4-Trichlorobenzene	140	450	140	58	**U**
91-20-3	Naphthalene	200	330	200	82	**U**
1330-20-7	Xylenes, Total	**1,100**	760	260	110	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SC00864

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**820**	870	530	220	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	190	300	190	50	**U**
74-87-3	Chloromethane	440	720	440	120	**U**
75-01-4	Vinyl Chloride	190	590	190	64	**U**
106-99-0	1,3-Butadiene	410	670	410	110	**U**
75-00-3	Chloroethane	350	570	350	72	**U**
64-17-5	Ethanol	1,300	8,100	1,300	560	**U**
67-64-1	Acetone	3,300	6,300	3,300	1,400	**U**
75-69-4	Trichlorofluoromethane	160	260	160	41	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	740	1,200	740	260	**U**
75-09-2	Methylene Chloride	260	430	260	120	**U**
76-13-1	Trichlorotrifluoroethane	**41**	200	64	28	**J**
75-15-0	Carbon Disulfide	500	920	500	150	**U**
75-34-3	1,1-Dichloroethane	230	380	230	55	**U**
78-93-3	2-Butanone (MEK)	310	970	310	110	**U**
141-78-6	Ethyl Acetate	520	800	520	220	**U**
110-54-3	n-Hexane	**37,000**	420	260	89	
67-66-3	Chloroform	100	310	100	42	**U**
109-99-9	Tetrahydrofuran (THF)	170	970	170	65	**U**
107-06-2	1,2-Dichloroethane	120	370	120	42	**U**
71-43-2	Benzene	**13,000**	470	150	69	
56-23-5	Carbon Tetrachloride	78	230	78	34	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SC00864

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**99,000**		830	280	120	
75-27-4	Bromodichloromethane		73	220	73	33	**U**
79-01-6	Trichloroethene		91	270	91	38	**U**
123-91-1	1,4-Dioxane		140	410	140	50	**U**
142-82-5	n-Heptane	**22,000**		360	220	59	
108-10-1	4-Methyl-2-pentanone		120	700	120	51	**U**
108-88-3	Toluene	**470**		400	130	49	
591-78-6	2-Hexanone		120	700	120	46	**U**
124-48-1	Dibromochloromethane		57	180	57	24	**U**
106-93-4	1,2-Dibromoethane		63	190	63	23	**U**
127-18-4	Tetrachloroethene		72	220	72	29	**U**
100-41-4	Ethylbenzene		110	340	110	50	**U**
179601-23-1	m,p-Xylenes	**670**		660	220	92	
75-25-2	Bromoform		89	150	89	31	**U**
100-42-5	Styrene		220	350	220	58	**U**
95-47-6	o-Xylene	**1,700**		350	110	51	
108-67-8	1,3,5-Trimethylbenzene	**380**		310	99	45	
95-63-6	1,2,4-Trimethylbenzene	**320**		300	99	43	
120-82-1	1,2,4-Trichlorobenzene		120	390	120	50	**U**
91-20-3	Naphthalene		170	280	170	71	**U**
1330-20-7	Xylenes, Total	**2,400**		660	220	92	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00037

Initial Pressure (psig): -4.15 Final Pressure (psig): 5.61

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	1.5	0.90	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.42**	0.51	0.31	0.085	**J**
74-87-3	Chloromethane	**0.48**	1.2	0.75	0.20	**J**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.70	1.1	0.70	0.19	**U**
75-00-3	Chloroethane	0.59	0.95	0.59	0.12	**U**
64-17-5	Ethanol	**2.3**	14	2.1	0.95	**J**
67-64-1	Acetone	5.5	11	5.5	2.4	**U**
75-69-4	Trichlorofluoromethane	**0.19**	0.44	0.27	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.48**	2.0	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.24**	0.33	0.11	0.048	**J**
75-15-0	Carbon Disulfide	**5.2**	1.6	0.84	0.25	**B**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**0.85**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	**0.49**	1.3	0.87	0.38	**J**
110-54-3	n-Hexane	**27**	0.71	0.44	0.15	
67-66-3	Chloroform	**0.16**	0.52	0.17	0.070	**J**
109-99-9	Tetrahydrofuran (THF)	**0.45**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	**7.3**	0.79	0.26	0.12	
56-23-5	Carbon Tetrachloride	**0.097**	0.39	0.13	0.057	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00037

Initial Pressure (psig): -4.15 Final Pressure (psig): 5.61

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**110**	1.4	0.48	0.21	
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.46	0.15	0.065	**U**
123-91-1	1,4-Dioxane	0.23	0.70	0.23	0.084	**U**
142-82-5	n-Heptane	**48**	0.61	0.38	0.10	
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**16**	0.67	0.22	0.083	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.078	**U**
124-48-1	Dibromochloromethane	0.096	0.29	0.096	0.040	**U**
106-93-4	1,2-Dibromoethane	0.11	0.33	0.11	0.039	**U**
127-18-4	Tetrachloroethene	0.12	0.37	0.12	0.049	**U**
100-41-4	Ethylbenzene	**1.7**	0.58	0.19	0.083	
179601-23-1	m,p-Xylenes	**28**	1.1	0.38	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	**5.3**	0.59	0.19	0.086	
108-67-8	1,3,5-Trimethylbenzene	**3.3**	0.52	0.17	0.076	
95-63-6	1,2,4-Trimethylbenzene	**1.4**	0.51	0.17	0.073	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.085	**U**
91-20-3	Naphthalene	0.29	0.48	0.29	0.12	**U**
1330-20-7	Xylenes, Total	**33**	1.1	0.38	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01211

Initial Pressure (psig): -3.97 Final Pressure (psig): 5.50

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.0**	1.4	0.87	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.37**	0.49	0.30	0.083	**J**
74-87-3	Chloromethane	0.73	1.2	0.73	0.20	**U**
75-01-4	Vinyl Chloride	0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane	0.57	0.93	0.57	0.12	**U**
64-17-5	Ethanol	**3.9**	13	2.1	0.92	**J**
67-64-1	Acetone	**3.5**	10	5.3	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.18**	0.43	0.27	0.068	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.9**	1.9	1.2	0.42	
75-09-2	Methylene Chloride	0.43	0.70	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**3.4**	0.33	0.10	0.047	
75-15-0	Carbon Disulfide	0.82	1.5	0.82	0.24	**U**
75-34-3	1,1-Dichloroethane	0.38	0.63	0.38	0.091	**U**
78-93-3	2-Butanone (MEK)	**0.65**	1.6	0.51	0.18	**J**
141-78-6	Ethyl Acetate	0.85	1.3	0.85	0.37	**U**
110-54-3	n-Hexane	0.43	0.69	0.43	0.15	**U**
67-66-3	Chloroform	**26**	0.51	0.16	0.068	
109-99-9	Tetrahydrofuran (THF)	0.27	1.6	0.27	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.60	0.20	0.069	**U**
71-43-2	Benzene	**0.18**	0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.85**	0.38	0.13	0.055	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01211

Initial Pressure (psig): -3.97 Final Pressure (psig): 5.50

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.28**	1.4	0.46	0.20	**J**
75-27-4	Bromodichloromethane	**1.4**	0.36	0.12	0.054	
79-01-6	Trichloroethene	**2.6**	0.45	0.15	0.063	
123-91-1	1,4-Dioxane	0.22	0.68	0.22	0.082	**U**
142-82-5	n-Heptane	**0.15**	0.60	0.37	0.098	**J**
108-10-1	4-Methyl-2-pentanone	0.20	1.1	0.20	0.084	**U**
108-88-3	Toluene	**0.70**	0.65	0.21	0.081	
591-78-6	2-Hexanone	0.20	1.1	0.20	0.076	**U**
124-48-1	Dibromochloromethane	0.094	0.29	0.094	0.039	**U**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.31**	0.36	0.12	0.048	**J**
100-41-4	Ethylbenzene	**0.25**	0.56	0.18	0.081	**J**
179601-23-1	m,p-Xylenes	**1.4**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.095	**U**
95-47-6	o-Xylene	**0.49**	0.57	0.18	0.083	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.66**	0.51	0.16	0.074	
95-63-6	1,2,4-Trimethylbenzene	**2.8**	0.50	0.16	0.071	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	**0.59**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**1.9**	1.1	0.37	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21 & 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01316

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.52

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene		0.87	1.4	0.87	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.38**		0.49	0.30	0.083	**J**
74-87-3	Chloromethane		0.73	1.2	0.73	0.20	**U**
75-01-4	Vinyl Chloride		0.31	0.97	0.31	0.10	**U**
106-99-0	1,3-Butadiene		0.68	1.1	0.68	0.19	**U**
75-00-3	Chloroethane		0.57	0.93	0.57	0.12	**U**
64-17-5	Ethanol	**10**		13	2.1	0.92	**J**
67-64-1	Acetone	**3.3**		10	5.3	2.4	**J**
75-69-4	Trichlorofluoromethane	**0.18**		0.43	0.27	0.068	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.75**		1.9	1.2	0.42	**J**
75-09-2	Methylene Chloride	**0.24**		0.70	0.43	0.20	**J**
76-13-1	Trichlorotrifluoroethane	**0.061**		0.33	0.10	0.047	**J**
75-15-0	Carbon Disulfide	**0.44**		1.5	0.82	0.24	**J, B**
75-34-3	1,1-Dichloroethane		0.38	0.63	0.38	0.091	**U**
78-93-3	2-Butanone (MEK)	**2.5**		1.6	0.51	0.18	
141-78-6	Ethyl Acetate		0.85	1.3	0.85	0.37	**U**
110-54-3	n-Hexane		0.43	0.69	0.43	0.15	**U**
67-66-3	Chloroform	**100**		5.1	1.6	0.68	**D**
109-99-9	Tetrahydrofuran (THF)	**1.7**		1.6	0.27	0.11	
107-06-2	1,2-Dichloroethane		0.20	0.60	0.20	0.069	**U**
71-43-2	Benzene	**0.15**		0.77	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**2.7**		0.38	0.13	0.055	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV126-050-212**	ALS Project ID:	P2102340
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102340-005
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/27/21
Analyst:	Simon Cao	Date Analyzed:	5/13/21 & 6/3/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.40 Liter(s)
Test Notes:			0.040 Liter(s)
Container ID:	1SS01316		

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.52

Container Dilution Factor: 1.88

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.4	0.46	0.20	**U**
75-27-4	Bromodichloromethane	**8.4**	0.36	0.12	0.054	
79-01-6	Trichloroethene	**0.32**	0.45	0.15	0.063	**J**
123-91-1	1,4-Dioxane	0.22	0.68	0.22	0.082	**U**
142-82-5	n-Heptane	0.37	0.60	0.37	0.098	**U**
108-10-1	4-Methyl-2-pentanone	0.20	1.1	0.20	0.084	**U**
108-88-3	Toluene	**0.44**	0.65	0.21	0.081	**J**
591-78-6	2-Hexanone	**0.17**	1.1	0.20	0.076	**J**
124-48-1	Dibromochloromethane	**0.12**	0.29	0.094	0.039	**J**
106-93-4	1,2-Dibromoethane	0.10	0.32	0.10	0.038	**U**
127-18-4	Tetrachloroethene	**0.83**	0.36	0.12	0.048	
100-41-4	Ethylbenzene	**0.12**	0.56	0.18	0.081	**J**
179601-23-1	m,p-Xylenes	**0.63**	1.1	0.37	0.15	**J**
75-25-2	Bromoform	0.15	0.24	0.15	0.050	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.095	**U**
95-47-6	o-Xylene	**0.20**	0.57	0.18	0.083	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.25**	0.51	0.16	0.074	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.1**	0.50	0.16	0.071	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.63	0.20	0.082	**U**
91-20-3	Naphthalene	**0.31**	0.47	0.28	0.12	**J**
1330-20-7	Xylenes, Total	**0.83**	1.1	0.37	0.15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01317

Initial Pressure (psig): -4.24 Final Pressure (psig): 6.34

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.1**	1.5	0.93	0.38	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.18**	0.53	0.33	0.088	**J**
74-87-3	Chloromethane	0.78	1.3	0.78	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.73	1.2	0.73	0.20	**U**
75-00-3	Chloroethane	0.61	0.99	0.61	0.13	**U**
64-17-5	Ethanol	**14**	14	2.2	0.99	**J**
67-64-1	Acetone	**5.9**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**0.24**	0.46	0.29	0.072	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	2.0	1.3	0.45	**J**
75-09-2	Methylene Chloride	0.46	0.75	0.46	0.22	**U**
76-13-1	Trichlorotrifluoroethane	0.11	0.35	0.11	0.050	**U**
75-15-0	Carbon Disulfide	**1.8**	1.6	0.87	0.26	**B**
75-34-3	1,1-Dichloroethane	0.41	0.67	0.41	0.097	**U**
78-93-3	2-Butanone (MEK)	**2.8**	1.7	0.55	0.19	
141-78-6	Ethyl Acetate	0.91	1.4	0.91	0.39	**U**
110-54-3	n-Hexane	0.46	0.74	0.46	0.16	**U**
67-66-3	Chloroform	**7.8**	0.55	0.17	0.073	
109-99-9	Tetrahydrofuran (THF)	**6.4**	1.7	0.29	0.11	
107-06-2	1,2-Dichloroethane	0.21	0.65	0.21	0.073	**U**
71-43-2	Benzene	**0.16**	0.82	0.27	0.12	**J**
56-23-5	Carbon Tetrachloride	**2.3**	0.41	0.14	0.059	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01317

Initial Pressure (psig): -4.24 Final Pressure (psig): 6.34

Container Dilution Factor: 2.01

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.50	1.5	0.50	0.22	**U**
75-27-4	Bromodichloromethane	**0.33**	0.39	0.13	0.058	**J**
79-01-6	Trichloroethene	0.16	0.48	0.16	0.067	**U**
123-91-1	1,4-Dioxane	0.24	0.73	0.24	0.088	**U**
142-82-5	n-Heptane	0.39	0.64	0.39	0.10	**U**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.090	**U**
108-88-3	Toluene	**0.32**	0.69	0.23	0.087	**J**
591-78-6	2-Hexanone	**0.20**	1.2	0.21	0.081	**J**
124-48-1	Dibromochloromethane	0.10	0.31	0.10	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.041	**U**
127-18-4	Tetrachloroethene	**0.41**	0.39	0.13	0.051	
100-41-4	Ethylbenzene	**0.10**	0.60	0.20	0.087	**J**
179601-23-1	m,p-Xylenes	**0.54**	1.2	0.39	0.16	**J**
75-25-2	Bromoform	0.16	0.26	0.16	0.053	**U**
100-42-5	Styrene	0.38	0.61	0.38	0.10	**U**
95-47-6	o-Xylene	**0.19**	0.61	0.20	0.089	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.22**	0.54	0.17	0.079	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.92**	0.53	0.17	0.076	
120-82-1	1,2,4-Trichlorobenzene	0.22	0.68	0.22	0.088	**U**
91-20-3	Naphthalene	**0.22**	0.50	0.30	0.12	**J**
1330-20-7	Xylenes, Total	**0.73**	1.2	0.39	0.16	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01339

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.37

Container Dilution Factor: 1.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**33**	1.2	0.76	0.31	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.089**	0.43	0.26	0.072	**J**
74-87-3	Chloromethane	**0.26**	1.0	0.63	0.17	**J**
75-01-4	Vinyl Chloride	0.27	0.85	0.27	0.091	**U**
106-99-0	1,3-Butadiene	0.59	0.96	0.59	0.16	**U**
75-00-3	Chloroethane	0.49	0.80	0.49	0.10	**U**
64-17-5	Ethanol	**11**	11	1.8	0.80	**J**
67-64-1	Acetone	**4.8**	8.9	4.6	2.1	**J**
75-69-4	Trichlorofluoromethane	**0.21**	0.37	0.23	0.059	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**170**	1.7	1.0	0.36	
75-09-2	Methylene Chloride	0.38	0.61	0.38	0.18	**U**
76-13-1	Trichlorotrifluoroethane	0.090	0.28	0.090	0.040	**U**
75-15-0	Carbon Disulfide	**0.70**	1.3	0.71	0.21	**J, B**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.079	**U**
78-93-3	2-Butanone (MEK)	**2.3**	1.4	0.44	0.15	
141-78-6	Ethyl Acetate	0.74	1.1	0.74	0.32	**U**
110-54-3	n-Hexane	0.37	0.60	0.37	0.13	**U**
67-66-3	Chloroform	**0.23**	0.44	0.14	0.059	**J**
109-99-9	Tetrahydrofuran (THF)	**9.9**	1.4	0.23	0.093	
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	**0.18**	0.66	0.22	0.098	**J**
56-23-5	Carbon Tetrachloride	**0.35**	0.33	0.11	0.048	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01339

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.37

Container Dilution Factor: 1.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.40	1.2	0.40	0.18	**U**
75-27-4	Bromodichloromethane	0.10	0.32	0.10	0.047	**U**
79-01-6	Trichloroethene	0.13	0.39	0.13	0.055	**U**
123-91-1	1,4-Dioxane	**0.075**	0.59	0.19	0.071	**J**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	0.99	0.17	0.073	**U**
108-88-3	Toluene	**0.44**	0.56	0.18	0.070	**J**
591-78-6	2-Hexanone	**0.16**	1.0	0.17	0.066	**J**
124-48-1	Dibromochloromethane	0.081	0.25	0.081	0.033	**U**
106-93-4	1,2-Dibromoethane	0.090	0.28	0.090	0.033	**U**
127-18-4	Tetrachloroethene	0.10	0.31	0.10	0.041	**U**
100-41-4	Ethylbenzene	**0.10**	0.49	0.16	0.070	**J**
179601-23-1	m,p-Xylenes	**0.52**	0.94	0.32	0.13	**J**
75-25-2	Bromoform	0.13	0.21	0.13	0.043	**U**
100-42-5	Styrene	0.31	0.50	0.31	0.082	**U**
95-47-6	o-Xylene	**0.17**	0.50	0.16	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.18**	0.44	0.14	0.064	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.79**	0.43	0.14	0.061	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.55	0.18	0.071	**U**
91-20-3	Naphthalene	**0.24**	0.40	0.24	0.10	**J**
1330-20-7	Xylenes, Total	**0.69**	0.94	0.32	0.13	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS01313

Initial Pressure (psig): -2.96 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	6.4	10	6.4	2.6	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	2.2	3.6	2.2	0.61	**U**
74-87-3	Chloromethane	5.4	8.7	5.4	1.4	**U**
75-01-4	Vinyl Chloride	2.3	7.2	2.3	0.77	**U**
106-99-0	1,3-Butadiene	5.0	8.1	5.0	1.4	**U**
75-00-3	Chloroethane	4.2	6.8	4.2	0.87	**U**
64-17-5	Ethanol	**17**	97	15	6.8	**J**
67-64-1	Acetone	39	76	39	17	**U**
75-69-4	Trichlorofluoromethane	2.0	3.1	2.0	0.50	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.4**	14	8.9	3.1	**J**
75-09-2	Methylene Chloride	3.2	5.2	3.2	1.5	**U**
76-13-1	Trichlorotrifluoroethane	0.77	2.4	0.77	0.34	**U**
75-15-0	Carbon Disulfide	6.0	11	6.0	1.8	**U**
75-34-3	1,1-Dichloroethane	2.8	4.6	2.8	0.67	**U**
78-93-3	2-Butanone (MEK)	**2.3**	12	3.8	1.3	**J**
141-78-6	Ethyl Acetate	6.2	9.6	6.2	2.7	**U**
110-54-3	n-Hexane	**2.9**	5.1	3.1	1.1	**J**
67-66-3	Chloroform	1.2	3.8	1.2	0.50	**U**
109-99-9	Tetrahydrofuran (THF)	2.0	12	2.0	0.79	**U**
107-06-2	1,2-Dichloroethane	1.5	4.4	1.5	0.50	**U**
71-43-2	Benzene	**2.4**	5.6	1.8	0.83	**J**
56-23-5	Carbon Tetrachloride	0.94	2.8	0.94	0.41	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS01313

Initial Pressure (psig): -2.96 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**18**	10	3.4	1.5	
75-27-4	Bromodichloromethane	0.88	2.7	0.88	0.40	**U**
79-01-6	Trichloroethene	**0.64**	3.3	1.1	0.46	**J**
123-91-1	1,4-Dioxane	1.6	5.0	1.6	0.61	**U**
142-82-5	n-Heptane	2.7	4.4	2.7	0.72	**U**
108-10-1	4-Methyl-2-pentanone	1.4	8.4	1.4	0.62	**U**
108-88-3	Toluene	**0.98**	4.8	1.6	0.60	**J**
591-78-6	2-Hexanone	1.4	8.4	1.4	0.56	**U**
124-48-1	Dibromochloromethane	0.69	2.1	0.69	0.28	**U**
106-93-4	1,2-Dibromoethane	0.77	2.3	0.77	0.28	**U**
127-18-4	Tetrachloroethene	0.87	2.7	0.87	0.35	**U**
100-41-4	Ethylbenzene	1.4	4.1	1.4	0.60	**U**
179601-23-1	m,p-Xylenes	**1.5**	8.0	2.7	1.1	**J**
75-25-2	Bromoform	1.1	1.8	1.1	0.37	**U**
100-42-5	Styrene	2.6	4.2	2.6	0.70	**U**
95-47-6	o-Xylene	1.4	4.2	1.4	0.61	**U**
108-67-8	1,3,5-Trimethylbenzene	1.2	3.7	1.2	0.54	**U**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	3.7	1.2	0.52	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	2.0	3.4	2.0	0.86	**U**
1330-20-7	Xylenes, Total	**1.5**	8.0	2.7	1.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SS01345

Initial Pressure (psig): -2.81 Final Pressure (psig): 5.23

Container Dilution Factor: 1.68

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	160	250	160	63	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	54	88	54	15	**U**
74-87-3	Chloromethane	130	210	130	35	**U**
75-01-4	Vinyl Chloride	56	170	56	19	**U**
106-99-0	1,3-Butadiene	120	200	120	33	**U**
75-00-3	Chloroethane	100	170	100	21	**U**
64-17-5	Ethanol	370	2,400	370	170	**U**
67-64-1	Acetone	960	1,800	960	420	**U**
75-69-4	Trichlorofluoromethane	48	76	48	12	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	220	340	220	75	**U**
75-09-2	Methylene Chloride	77	130	77	36	**U**
76-13-1	Trichlorotrifluoroethane	19	58	19	8.3	**U**
75-15-0	Carbon Disulfide	150	270	150	43	**U**
75-34-3	1,1-Dichloroethane	69	110	69	16	**U**
78-93-3	2-Butanone (MEK)	91	280	91	31	**U**
141-78-6	Ethyl Acetate	150	230	150	65	**U**
110-54-3	n-Hexane	**270**	120	76	26	
67-66-3	Chloroform	29	91	29	12	**U**
109-99-9	Tetrahydrofuran (THF)	48	280	48	19	**U**
107-06-2	1,2-Dichloroethane	35	110	35	12	**U**
71-43-2	Benzene	45	140	45	20	**U**
56-23-5	Carbon Tetrachloride	23	68	23	9.9	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SS01345

Initial Pressure (psig): -2.81 Final Pressure (psig): 5.23

Container Dilution Factor: 1.68

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,000**	240	83	37	
75-27-4	Bromodichloromethane	21	65	21	9.7	**U**
79-01-6	Trichloroethene	27	80	27	11	**U**
123-91-1	1,4-Dioxane	40	120	40	15	**U**
142-82-5	n-Heptane	66	110	66	17	**U**
108-10-1	4-Methyl-2-pentanone	35	210	35	15	**U**
108-88-3	Toluene	38	120	38	14	**U**
591-78-6	2-Hexanone	35	210	35	14	**U**
124-48-1	Dibromochloromethane	17	51	17	6.9	**U**
106-93-4	1,2-Dibromoethane	19	57	19	6.8	**U**
127-18-4	Tetrachloroethene	21	64	21	8.6	**U**
100-41-4	Ethylbenzene	33	100	33	15	**U**
179601-23-1	m,p-Xylenes	66	190	66	27	**U**
75-25-2	Bromoform	26	43	26	8.9	**U**
100-42-5	Styrene	63	100	63	17	**U**
95-47-6	o-Xylene	33	100	33	15	**U**
108-67-8	1,3,5-Trimethylbenzene	29	91	29	13	**U**
95-63-6	1,2,4-Trimethylbenzene	29	89	29	13	**U**
120-82-1	1,2,4-Trichlorobenzene	36	110	36	15	**U**
91-20-3	Naphthalene	50	83	50	21	**U**
1330-20-7	Xylenes, Total	66	190	66	27	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01307

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.84

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.69**	1.3	0.82	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.69**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.53	0.87	0.53	0.11	**U**
64-17-5	Ethanol	**13**	12	1.9	0.86	
67-64-1	Acetone	**3.3**	9.6	5.0	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.18**	0.40	0.25	0.063	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	1.8	1.1	0.39	**J**
75-09-2	Methylene Chloride	0.41	0.66	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.27**	0.30	0.098	0.044	**J**
75-15-0	Carbon Disulfide	**0.68**	1.4	0.76	0.23	**J, B**
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.085	**U**
78-93-3	2-Butanone (MEK)	**2.0**	1.5	0.48	0.16	
141-78-6	Ethyl Acetate	0.79	1.2	0.79	0.34	**U**
110-54-3	n-Hexane	**0.49**	0.65	0.40	0.14	**J**
67-66-3	Chloroform	**0.088**	0.48	0.15	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	**0.45**	1.5	0.25	0.10	**J**
107-06-2	1,2-Dichloroethane	0.18	0.57	0.18	0.064	**U**
71-43-2	Benzene	**1.1**	0.72	0.23	0.11	
56-23-5	Carbon Tetrachloride	**0.33**	0.36	0.12	0.052	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01307

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.84

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.31**	1.3	0.43	0.19	**J**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.059	**U**
123-91-1	1,4-Dioxane	0.21	0.64	0.21	0.077	**U**
142-82-5	n-Heptane	**1.0**	0.56	0.34	0.091	
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**3.4**	0.61	0.20	0.076	
591-78-6	2-Hexanone	**0.26**	1.1	0.18	0.071	**J**
124-48-1	Dibromochloromethane	0.088	0.27	0.088	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.036	**U**
127-18-4	Tetrachloroethene	**0.11**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.54**	0.53	0.17	0.076	
179601-23-1	m,p-Xylenes	**3.1**	1.0	0.34	0.14	
75-25-2	Bromoform	0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.54	0.33	0.089	**U**
95-47-6	o-Xylene	**1.1**	0.54	0.17	0.078	
108-67-8	1,3,5-Trimethylbenzene	**0.65**	0.47	0.15	0.069	
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.47	0.15	0.066	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	**0.65**	0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**4.2**	1.0	0.34	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01300

Initial Pressure (psig): -3.48 Final Pressure (psig): 5.53

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.76**	1.4	0.84	0.34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.76**	0.47	0.29	0.079	
74-87-3	Chloromethane	**0.29**	1.1	0.70	0.19	**J**
75-01-4	Vinyl Chloride	0.30	0.93	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.65	1.1	0.65	0.18	**U**
75-00-3	Chloroethane	0.55	0.89	0.55	0.11	**U**
64-17-5	Ethanol	**26**	13	2.0	0.88	
67-64-1	Acetone	**6.8**	9.9	5.1	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.19**	0.41	0.26	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	1.8	1.2	0.40	**J**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.28**	0.31	0.10	0.045	**J**
75-15-0	Carbon Disulfide	**0.79**	1.4	0.78	0.23	**J, B**
75-34-3	1,1-Dichloroethane	0.37	0.60	0.37	0.087	**U**
78-93-3	2-Butanone (MEK)	**4.3**	1.5	0.49	0.17	
141-78-6	Ethyl Acetate	0.81	1.2	0.81	0.35	**U**
110-54-3	n-Hexane	**0.36**	0.66	0.41	0.14	**J**
67-66-3	Chloroform	**0.13**	0.49	0.16	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**0.80**	1.5	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.58	0.19	0.066	**U**
71-43-2	Benzene	**0.67**	0.73	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.37**	0.36	0.12	0.053	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01300

Initial Pressure (psig): -3.48 Final Pressure (psig): 5.53

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.44	1.3	0.44	0.20	**U**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.052	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.060	**U**
123-91-1	1,4-Dioxane	0.21	0.65	0.21	0.079	**U**
142-82-5	n-Heptane	**0.68**	0.57	0.35	0.093	
108-10-1	4-Methyl-2-pentanone	**0.14**	1.1	0.19	0.080	**J**
108-88-3	Toluene	**2.0**	0.62	0.20	0.078	
591-78-6	2-Hexanone	**0.50**	1.1	0.19	0.073	**J**
124-48-1	Dibromochloromethane	0.090	0.27	0.090	0.037	**U**
106-93-4	1,2-Dibromoethane	0.10	0.30	0.10	0.036	**U**
127-18-4	Tetrachloroethene	**0.12**	0.35	0.11	0.046	**J**
100-41-4	Ethylbenzene	**0.30**	0.54	0.18	0.078	**J**
179601-23-1	m,p-Xylenes	**1.7**	1.0	0.35	0.15	
75-25-2	Bromoform	0.14	0.23	0.14	0.048	**U**
100-42-5	Styrene	0.34	0.55	0.34	0.091	**U**
95-47-6	o-Xylene	**0.57**	0.55	0.18	0.080	
108-67-8	1,3,5-Trimethylbenzene	**0.37**	0.49	0.16	0.071	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	0.48	0.16	0.068	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.61	0.19	0.079	**U**
91-20-3	Naphthalene	**0.31**	0.45	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**2.2**	1.0	0.35	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01201

Initial Pressure (psig): -2.93 Final Pressure (psig): 5.41

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.53**	1.3	0.80	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.96**	0.45	0.28	0.075	
74-87-3	Chloromethane	**0.23**	1.1	0.66	0.18	**J**
75-01-4	Vinyl Chloride	0.28	0.89	0.28	0.095	**U**
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.84	0.52	0.11	**U**
64-17-5	Ethanol	**13**	12	1.9	0.84	
67-64-1	Acetone	**2.9**	9.4	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.19**	0.39	0.24	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.73**	1.7	1.1	0.38	**J**
75-09-2	Methylene Chloride	0.39	0.64	0.39	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**0.55**	0.30	0.095	0.042	
75-15-0	Carbon Disulfide	**0.81**	1.4	0.74	0.22	**J, B**
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.082	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.5	0.46	0.16	
141-78-6	Ethyl Acetate	0.77	1.2	0.77	0.33	**U**
110-54-3	n-Hexane	**0.30**	0.63	0.39	0.13	**J**
67-66-3	Chloroform	**0.20**	0.46	0.15	0.062	**J**
109-99-9	Tetrahydrofuran (THF)	**0.28**	1.5	0.25	0.097	**J**
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.062	**U**
71-43-2	Benzene	**0.56**	0.70	0.23	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.59**	0.35	0.12	0.050	

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01201

Initial Pressure (psig): -2.93 Final Pressure (psig): 5.41

Container Dilution Factor: 1.71

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.42	1.2	0.42	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	**0.37**	0.41	0.14	0.057	**J**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.075	**U**
142-82-5	n-Heptane	**0.56**	0.54	0.33	0.089	
108-10-1	4-Methyl-2-pentanone	0.18	1.0	0.18	0.076	**U**
108-88-3	Toluene	**1.7**	0.59	0.19	0.074	
591-78-6	2-Hexanone	**0.20**	1.0	0.18	0.069	**J**
124-48-1	Dibromochloromethane	0.085	0.26	0.085	0.035	**U**
106-93-4	1,2-Dibromoethane	0.095	0.29	0.095	0.035	**U**
127-18-4	Tetrachloroethene	**0.25**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**0.36**	0.51	0.17	0.074	**J**
179601-23-1	m,p-Xylenes	**2.1**	0.98	0.33	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	**0.84**	0.52	0.17	0.076	
108-67-8	1,3,5-Trimethylbenzene	**0.66**	0.46	0.15	0.067	
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.45	0.15	0.064	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.58	0.18	0.075	**U**
91-20-3	Naphthalene	**0.69**	0.42	0.25	0.11	
1330-20-7	Xylenes, Total	**2.9**	0.98	0.33	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01198

Initial Pressure (psig): -3.61 Final Pressure (psig): 5.70

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.54**	1.4	0.86	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.1**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**17**	13	2.0	0.90	
67-64-1	Acetone	**3.7**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.15**	0.42	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.43**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.49**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**1.5**	1.5	0.80	0.24	**B**
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**2.6**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	**0.23**	0.68	0.42	0.14	**J**
67-66-3	Chloroform	**0.16**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**0.26**	1.6	0.27	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.44**	0.75	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.44**	0.37	0.12	0.054	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01198

Initial Pressure (psig): -3.61 Final Pressure (psig): 5.70

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.45	1.3	0.45	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**1.2**	0.44	0.15	0.062	
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**0.43**	0.58	0.36	0.095	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**1.2**	0.63	0.21	0.079	
591-78-6	2-Hexanone	**0.23**	1.1	0.19	0.074	**J**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.31**	0.35	0.12	0.047	**J**
100-41-4	Ethylbenzene	**0.24**	0.55	0.18	0.079	**J**
179601-23-1	m,p-Xylenes	**1.4**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**0.55**	0.56	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.38**	0.50	0.16	0.072	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.45**	0.46	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**2.0**	1.1	0.36	0.15	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01303

Initial Pressure (psig): -3.19 Final Pressure (psig): 5.50

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.4**	1.3	0.81	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.53	0.86	0.53	0.11	**U**
64-17-5	Ethanol	**15**	12	1.9	0.86	
67-64-1	Acetone	**3.6**	9.6	5.0	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.22**	0.40	0.25	0.063	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**9.6**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	0.40	0.66	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.32**	0.30	0.097	0.043	
75-15-0	Carbon Disulfide	**2.6**	1.4	0.76	0.22	**B**
75-34-3	1,1-Dichloroethane	0.36	0.58	0.36	0.084	**U**
78-93-3	2-Butanone (MEK)	**2.3**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	0.79	1.2	0.79	0.34	**U**
110-54-3	n-Hexane	**0.24**	0.65	0.40	0.14	**J**
67-66-3	Chloroform	**0.13**	0.48	0.15	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	**0.30**	1.5	0.25	0.099	**J**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.064	**U**
71-43-2	Benzene	**0.44**	0.71	0.23	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.28**	0.35	0.12	0.051	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01303

Initial Pressure (psig): -3.19 Final Pressure (psig): 5.50

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.43	1.3	0.43	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	**0.91**	0.42	0.14	0.059	
123-91-1	1,4-Dioxane	0.21	0.63	0.21	0.077	**U**
142-82-5	n-Heptane	**0.42**	0.56	0.34	0.091	**J**
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**1.3**	0.60	0.20	0.075	
591-78-6	2-Hexanone	**0.22**	1.1	0.18	0.071	**J**
124-48-1	Dibromochloromethane	0.087	0.27	0.087	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.035	**U**
127-18-4	Tetrachloroethene	**0.24**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.21**	0.52	0.17	0.076	**J**
179601-23-1	m,p-Xylenes	**1.1**	1.0	0.34	0.14	
75-25-2	Bromoform	0.14	0.22	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.088	**U**
95-47-6	o-Xylene	**0.38**	0.53	0.17	0.078	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.26**	0.47	0.15	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.91**	0.46	0.15	0.066	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	**0.28**	0.43	0.26	0.11	**J**
1330-20-7	Xylenes, Total	**1.5**	1.0	0.34	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01197

Initial Pressure (psig): -3.79 Final Pressure (psig): 5.91

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**74**	29	18	7.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	9.9	6.1	1.7	**J**
74-87-3	Chloromethane	**24**	24	15	3.9	
75-01-4	Vinyl Chloride	**3.5**	20	6.3	2.1	**J**
106-99-0	1,3-Butadiene	14	22	14	3.8	**U**
75-00-3	Chloroethane	**2.8**	19	11	2.4	**J**
64-17-5	Ethanol	42	270	42	19	**U**
67-64-1	Acetone	110	210	110	48	**U**
75-69-4	Trichlorofluoromethane	5.4	8.6	5.4	1.4	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**27**	38	24	8.5	**J**
75-09-2	Methylene Chloride	8.7	14	8.7	4.1	**U**
76-13-1	Trichlorotrifluoroethane	2.1	6.5	2.1	0.94	**U**
75-15-0	Carbon Disulfide	**85**	30	16	4.9	**B**
75-34-3	1,1-Dichloroethane	7.7	13	7.7	1.8	**U**
78-93-3	2-Butanone (MEK)	**16**	32	10	3.5	**J**
141-78-6	Ethyl Acetate	17	26	17	7.3	**U**
110-54-3	n-Hexane	**150**	14	8.6	3.0	
67-66-3	Chloroform	3.3	10	3.3	1.4	**U**
109-99-9	Tetrahydrofuran (THF)	**21**	32	5.4	2.1	**J**
107-06-2	1,2-Dichloroethane	4.0	12	4.0	1.4	**U**
71-43-2	Benzene	**600**	15	5.0	2.3	
56-23-5	Carbon Tetrachloride	2.6	7.7	2.6	1.1	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01197

Initial Pressure (psig): -3.79 Final Pressure (psig): 5.91

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**220**	27	9.3	4.1	
75-27-4	Bromodichloromethane	2.4	7.3	2.4	1.1	**U**
79-01-6	Trichloroethene	**2.3**	9.0	3.0	1.3	**J**
123-91-1	1,4-Dioxane	4.5	14	4.5	1.7	**U**
142-82-5	n-Heptane	**130**	12	7.4	2.0	
108-10-1	4-Methyl-2-pentanone	3.9	23	3.9	1.7	**U**
108-88-3	Toluene	**650**	13	4.3	1.6	
591-78-6	2-Hexanone	3.9	23	3.9	1.5	**U**
124-48-1	Dibromochloromethane	1.9	5.8	1.9	0.78	**U**
106-93-4	1,2-Dibromoethane	2.1	6.4	2.1	0.76	**U**
127-18-4	Tetrachloroethene	2.4	7.2	2.4	0.96	**U**
100-41-4	Ethylbenzene	**24**	11	3.7	1.6	
179601-23-1	m,p-Xylenes	**88**	22	7.4	3.0	
75-25-2	Bromoform	2.9	4.8	2.9	1.0	**U**
100-42-5	Styrene	7.1	12	7.1	1.9	**U**
95-47-6	o-Xylene	**54**	12	3.7	1.7	
108-67-8	1,3,5-Trimethylbenzene	**31**	10	3.3	1.5	
95-63-6	1,2,4-Trimethylbenzene	**8.6**	10	3.3	1.4	**J**
120-82-1	1,2,4-Trichlorobenzene	4.1	13	4.1	1.7	**U**
91-20-3	Naphthalene	5.6	9.4	5.6	2.3	**U**
1330-20-7	Xylenes, Total	**140**	22	7.4	3.0	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-016

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01341

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.67

Container Dilution Factor: 1.68

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.8**	1.3	0.78	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.54**	0.44	0.27	0.074	
74-87-3	Chloromethane	0.65	1.1	0.65	0.17	**U**
75-01-4	Vinyl Chloride	0.28	0.87	0.28	0.094	**U**
106-99-0	1,3-Butadiene	0.61	0.99	0.61	0.17	**U**
75-00-3	Chloroethane	0.51	0.83	0.51	0.11	**U**
64-17-5	Ethanol	**13**	12	1.9	0.83	
67-64-1	Acetone	**4.6**	9.2	4.8	2.1	**J**
75-69-4	Trichlorofluoromethane	**0.19**	0.38	0.24	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.9**	1.7	1.1	0.38	
75-09-2	Methylene Chloride	0.39	0.63	0.39	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**0.32**	0.29	0.093	0.042	
75-15-0	Carbon Disulfide	**0.41**	1.3	0.73	0.22	**J, B**
75-34-3	1,1-Dichloroethane	0.34	0.56	0.34	0.081	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.4	0.46	0.16	
141-78-6	Ethyl Acetate	0.76	1.2	0.76	0.33	**U**
110-54-3	n-Hexane	**0.24**	0.62	0.38	0.13	**J**
67-66-3	Chloroform	**0.16**	0.46	0.15	0.061	**J**
109-99-9	Tetrahydrofuran (THF)	0.24	1.4	0.24	0.095	**U**
107-06-2	1,2-Dichloroethane	0.18	0.54	0.18	0.061	**U**
71-43-2	Benzene	**0.37**	0.68	0.22	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.13**	0.34	0.11	0.049	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-016

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01341

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.67

Container Dilution Factor: 1.68

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.20**	1.2	0.42	0.18	**J**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.048	**U**
79-01-6	Trichloroethene	**0.69**	0.40	0.13	0.056	
123-91-1	1,4-Dioxane	0.20	0.61	0.20	0.073	**U**
142-82-5	n-Heptane	**0.46**	0.53	0.33	0.087	**J**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.075	**U**
108-88-3	Toluene	**2.2**	0.58	0.19	0.072	
591-78-6	2-Hexanone	**0.30**	1.0	0.17	0.068	**J**
124-48-1	Dibromochloromethane	0.084	0.26	0.084	0.035	**U**
106-93-4	1,2-Dibromoethane	0.093	0.28	0.093	0.034	**U**
127-18-4	Tetrachloroethene	**0.33**	0.32	0.11	0.043	
100-41-4	Ethylbenzene	**1.3**	0.50	0.16	0.073	
179601-23-1	m,p-Xylenes	**7.2**	0.97	0.33	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.045	**U**
100-42-5	Styrene	0.32	0.51	0.32	0.085	**U**
95-47-6	o-Xylene	**2.4**	0.51	0.16	0.074	
108-67-8	1,3,5-Trimethylbenzene	**2.9**	0.45	0.15	0.066	
95-63-6	1,2,4-Trimethylbenzene	**12**	0.44	0.15	0.063	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.57	0.18	0.074	**U**
91-20-3	Naphthalene	**2.5**	0.42	0.25	0.10	
1330-20-7	Xylenes, Total	**9.6**	0.97	0.33	0.14	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-017

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01320

Initial Pressure (psig): -0.35 Final Pressure (psig): 5.91

Container Dilution Factor: 1.44

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**28**	1.1	0.67	0.27	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.68**	0.38	0.23	0.063	
74-87-3	Chloromethane	**0.21**	0.91	0.56	0.15	**J**
75-01-4	Vinyl Chloride	0.24	0.75	0.24	0.080	**U**
106-99-0	1,3-Butadiene	0.52	0.85	0.52	0.14	**U**
75-00-3	Chloroethane	0.44	0.71	0.44	0.090	**U**
64-17-5	Ethanol	**16**	10	1.6	0.71	
67-64-1	Acetone	**6.2**	7.9	4.1	1.8	**J**
75-69-4	Trichlorofluoromethane	**0.21**	0.33	0.21	0.052	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**140**	1.5	0.92	0.32	
75-09-2	Methylene Chloride	**0.21**	0.54	0.33	0.16	**J**
76-13-1	Trichlorotrifluoroethane	**0.52**	0.25	0.080	0.036	
75-15-0	Carbon Disulfide	**0.30**	1.2	0.62	0.19	**J, B**
75-34-3	1,1-Dichloroethane	0.29	0.48	0.29	0.069	**U**
78-93-3	2-Butanone (MEK)	**2.0**	1.2	0.39	0.13	
141-78-6	Ethyl Acetate	**0.93**	1.0	0.65	0.28	**J**
110-54-3	n-Hexane	0.33	0.53	0.33	0.11	**U**
67-66-3	Chloroform	**0.19**	0.39	0.13	0.052	**J**
109-99-9	Tetrahydrofuran (THF)	**4.4**	1.2	0.21	0.082	
107-06-2	1,2-Dichloroethane	0.15	0.46	0.15	0.052	**U**
71-43-2	Benzene	**0.20**	0.59	0.19	0.087	**J**
56-23-5	Carbon Tetrachloride	**0.18**	0.29	0.097	0.042	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-017

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01320

Initial Pressure (psig): -0.35 Final Pressure (psig): 5.91

Container Dilution Factor: 1.44

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.36	1.0	0.36	0.16	**U**
75-27-4	Bromodichloromethane	0.091	0.28	0.091	0.041	**U**
79-01-6	Trichloroethene	**0.89**	0.34	0.11	0.048	
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	**0.15**	0.46	0.28	0.075	**J**
108-10-1	4-Methyl-2-pentanone	0.15	0.88	0.15	0.064	**U**
108-88-3	Toluene	**0.77**	0.50	0.16	0.062	
591-78-6	2-Hexanone	**0.17**	0.88	0.15	0.058	**J**
124-48-1	Dibromochloromethane	0.072	0.22	0.072	0.030	**U**
106-93-4	1,2-Dibromoethane	0.080	0.24	0.080	0.029	**U**
127-18-4	Tetrachloroethene	**0.36**	0.28	0.090	0.037	
100-41-4	Ethylbenzene	**0.38**	0.43	0.14	0.062	**J**
179601-23-1	m,p-Xylenes	**2.1**	0.83	0.28	0.12	
75-25-2	Bromoform	0.11	0.18	0.11	0.038	**U**
100-42-5	Styrene	0.27	0.44	0.27	0.073	**U**
95-47-6	o-Xylene	**0.71**	0.44	0.14	0.064	
108-67-8	1,3,5-Trimethylbenzene	**0.83**	0.39	0.12	0.056	
95-63-6	1,2,4-Trimethylbenzene	**3.5**	0.38	0.12	0.054	
120-82-1	1,2,4-Trichlorobenzene	0.16	0.49	0.16	0.063	**U**
91-20-3	Naphthalene	**0.90**	0.36	0.21	0.089	
1330-20-7	Xylenes, Total	**2.8**	0.83	0.28	0.12	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS01314

Initial Pressure (psig): -4.12 Final Pressure (psig): 5.70

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**840**	5.8	3.6	1.5	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.96**	2.0	1.2	0.34	**J**
74-87-3	Chloromethane	3.0	4.9	3.0	0.80	**U**
75-01-4	Vinyl Chloride	1.3	4.0	1.3	0.43	**U**
106-99-0	1,3-Butadiene	2.8	4.5	2.8	0.77	**U**
75-00-3	Chloroethane	2.3	3.8	2.3	0.48	**U**
64-17-5	Ethanol	**15**	54	8.5	3.8	**J**
67-64-1	Acetone	22	42	22	9.8	**U**
75-69-4	Trichlorofluoromethane	1.1	1.8	1.1	0.28	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	4.9	7.9	4.9	1.7	**U**
75-09-2	Methylene Chloride	1.8	2.9	1.8	0.83	**U**
76-13-1	Trichlorotrifluoroethane	**0.93**	1.3	0.43	0.19	**J**
75-15-0	Carbon Disulfide	**1.4**	6.2	3.3	0.99	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**3.3**	6.5	2.1	0.72	**J**
141-78-6	Ethyl Acetate	3.5	5.4	3.5	1.5	**U**
110-54-3	n-Hexane	**44**	2.8	1.8	0.60	
67-66-3	Chloroform	0.67	2.1	0.67	0.28	**U**
109-99-9	Tetrahydrofuran (THF)	**0.67**	6.5	1.1	0.44	**J**
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	**U**
71-43-2	Benzene	**2.2**	3.1	1.0	0.47	**J**
56-23-5	Carbon Tetrachloride	0.52	1.6	0.52	0.23	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS01314

Initial Pressure (psig): -4.12 Final Pressure (psig): 5.70

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5.1**	5.6	1.9	0.84	**J**
75-27-4	Bromodichloromethane	0.49	1.5	0.49	0.22	**U**
79-01-6	Trichloroethene	**0.67**	1.8	0.61	0.26	**J**
123-91-1	1,4-Dioxane	0.91	2.8	0.91	0.34	**U**
142-82-5	n-Heptane	**16**	2.4	1.5	0.40	
108-10-1	4-Methyl-2-pentanone	0.80	4.7	0.80	0.34	**U**
108-88-3	Toluene	**4.2**	2.7	0.87	0.33	
591-78-6	2-Hexanone	0.80	4.7	0.80	0.31	**U**
124-48-1	Dibromochloromethane	0.39	1.2	0.39	0.16	**U**
106-93-4	1,2-Dibromoethane	0.43	1.3	0.43	0.16	**U**
127-18-4	Tetrachloroethene	**1.1**	1.5	0.48	0.20	**J**
100-41-4	Ethylbenzene	**0.88**	2.3	0.76	0.33	**J**
179601-23-1	m,p-Xylenes	**3.3**	4.4	1.5	0.62	**J**
75-25-2	Bromoform	0.60	0.99	0.60	0.21	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**1.5**	2.4	0.76	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.77**	2.1	0.67	0.30	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.8**	2.0	0.67	0.29	
120-82-1	1,2,4-Trichlorobenzene	0.83	2.6	0.83	0.34	**U**
91-20-3	Naphthalene	**0.83**	1.9	1.1	0.48	**J**
1330-20-7	Xylenes, Total	**4.8**	4.4	1.5	0.62	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01340

Initial Pressure (psig): -3.65 Final Pressure (psig): 5.76

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.0**	1.4	0.86	0.35	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.47**	0.49	0.30	0.081	**J**
74-87-3	Chloromethane	0.72	1.2	0.72	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**23**	13	2.0	0.91	
67-64-1	Acetone	**5.7**	10	5.3	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.15**	0.42	0.26	0.067	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**7.3**	1.9	1.2	0.41	
75-09-2	Methylene Chloride	0.43	0.69	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.76**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**2.8**	1.5	0.80	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**3.8**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	**0.078**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**0.64**	1.6	0.27	0.11	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.19**	0.75	0.25	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.19**	0.38	0.13	0.054	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01340

Initial Pressure (psig): -3.65 Final Pressure (psig): 5.76

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.46	1.3	0.46	0.20	**U**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**3.0**	0.44	0.15	0.062	
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.081	**U**
142-82-5	n-Heptane	**0.13**	0.59	0.36	0.096	**J**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.69**	0.64	0.21	0.080	
591-78-6	2-Hexanone	**0.33**	1.1	0.19	0.075	**J**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**1.2**	0.35	0.12	0.047	
100-41-4	Ethylbenzene	**0.27**	0.55	0.18	0.080	**J**
179601-23-1	m,p-Xylenes	**1.5**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.57	0.35	0.093	**U**
95-47-6	o-Xylene	**0.50**	0.56	0.18	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.52**	0.50	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	**2.2**	0.49	0.16	0.070	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.55**	0.46	0.27	0.11	
1330-20-7	Xylenes, Total	**2.0**	1.1	0.36	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-020

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01315

Initial Pressure (psig): -3.21 Final Pressure (psig): 5.71

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.88**	1.3	0.83	0.34	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.52**	0.47	0.29	0.078	
74-87-3	Chloromethane	**0.30**	1.1	0.69	0.19	**J**
75-01-4	Vinyl Chloride	0.30	0.92	0.30	0.099	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.54	0.88	0.54	0.11	**U**
64-17-5	Ethanol	**12**	13	2.0	0.87	**J**
67-64-1	Acetone	**4.0**	9.7	5.1	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.17**	0.40	0.25	0.064	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	1.8	1.1	0.40	**J**
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.23**	0.31	0.099	0.044	**J**
75-15-0	Carbon Disulfide	**5.6**	1.4	0.77	0.23	
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.086	**U**
78-93-3	2-Butanone (MEK)	**2.2**	1.5	0.48	0.17	
141-78-6	Ethyl Acetate	0.80	1.2	0.80	0.35	**U**
110-54-3	n-Hexane	0.40	0.66	0.40	0.14	**U**
67-66-3	Chloroform	**0.12**	0.48	0.15	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**1.9**	1.5	0.26	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.57	0.19	0.065	**U**
71-43-2	Benzene	**0.50**	0.72	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.16**	0.36	0.12	0.052	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-020

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01315

Initial Pressure (psig): -3.21 Final Pressure (psig): 5.71

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.44	1.3	0.44	0.19	**U**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.051	**U**
79-01-6	Trichloroethene	**0.68**	0.42	0.14	0.060	
123-91-1	1,4-Dioxane	0.21	0.64	0.21	0.078	**U**
142-82-5	n-Heptane	0.35	0.56	0.35	0.092	**U**
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.079	**U**
108-88-3	Toluene	**1.3**	0.61	0.20	0.077	
591-78-6	2-Hexanone	**0.15**	1.1	0.18	0.072	**J**
124-48-1	Dibromochloromethane	0.089	0.27	0.089	0.037	**U**
106-93-4	1,2-Dibromoethane	0.098	0.30	0.098	0.036	**U**
127-18-4	Tetrachloroethene	**0.24**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**0.18**	0.53	0.17	0.077	**J**
179601-23-1	m,p-Xylenes	**0.85**	1.0	0.35	0.14	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.54	0.33	0.090	**U**
95-47-6	o-Xylene	**0.28**	0.54	0.17	0.079	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.29**	0.48	0.15	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.2**	0.47	0.15	0.067	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	**0.32**	0.44	0.26	0.11	**J**
1330-20-7	Xylenes, Total	**1.1**	1.0	0.35	0.14	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-612** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-021

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01343

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.85

Container Dilution Factor: 1.67

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**20**	25	16	6.3	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	5.4	8.8	5.4	1.5	**U**
74-87-3	Chloromethane	**15**	21	13	3.5	**J**
75-01-4	Vinyl Chloride	**2.0**	17	5.6	1.9	**J**
106-99-0	1,3-Butadiene	12	20	12	3.3	**U**
75-00-3	Chloroethane	10	16	10	2.1	**U**
64-17-5	Ethanol	**24**	230	37	16	**J**
67-64-1	Acetone	95	180	95	42	**U**
75-69-4	Trichlorofluoromethane	4.8	7.6	4.8	1.2	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**14**	34	21	7.5	**J**
75-09-2	Methylene Chloride	7.7	13	7.7	3.6	**U**
76-13-1	Trichlorotrifluoroethane	1.9	5.8	1.9	0.83	**U**
75-15-0	Carbon Disulfide	**37**	27	14	4.3	
75-34-3	1,1-Dichloroethane	6.8	11	6.8	1.6	**U**
78-93-3	2-Butanone (MEK)	**28**	28	9.1	3.1	**J**
141-78-6	Ethyl Acetate	15	23	15	6.5	**U**
110-54-3	n-Hexane	**91**	12	7.6	2.6	
67-66-3	Chloroform	2.9	9.1	2.9	1.2	**U**
109-99-9	Tetrahydrofuran (THF)	**7.0**	28	4.8	1.9	**J**
107-06-2	1,2-Dichloroethane	3.5	11	3.5	1.2	**U**
71-43-2	Benzene	**640**	14	4.4	2.0	
56-23-5	Carbon Tetrachloride	2.3	6.8	2.3	0.98	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-612** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-021

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01343

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.85

Container Dilution Factor: 1.67

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**250**	24	8.3	3.6	
75-27-4	Bromodichloromethane	2.1	6.5	2.1	0.96	**U**
79-01-6	Trichloroethene	**3.3**	7.9	2.6	1.1	**J**
123-91-1	1,4-Dioxane	3.9	12	3.9	1.5	**U**
142-82-5	n-Heptane	**32**	11	6.5	1.7	
108-10-1	4-Methyl-2-pentanone	**4.7**	20	3.5	1.5	**J**
108-88-3	Toluene	**350**	12	3.8	1.4	
591-78-6	2-Hexanone	3.5	20	3.5	1.3	**U**
124-48-1	Dibromochloromethane	1.7	5.1	1.7	0.69	**U**
106-93-4	1,2-Dibromoethane	1.8	5.7	1.8	0.67	**U**
127-18-4	Tetrachloroethene	2.1	6.4	2.1	0.85	**U**
100-41-4	Ethylbenzene	**14**	10	3.3	1.4	
179601-23-1	m,p-Xylenes	**36**	19	6.5	2.7	
75-25-2	Bromoform	2.6	4.3	2.6	0.89	**U**
100-42-5	Styrene	6.3	10	6.3	1.7	**U**
95-47-6	o-Xylene	**10**	10	3.3	1.5	
108-67-8	1,3,5-Trimethylbenzene	**2.5**	9.0	2.9	1.3	**J**
95-63-6	1,2,4-Trimethylbenzene	**6.0**	8.8	2.9	1.3	**J**
120-82-1	1,2,4-Trichlorobenzene	3.6	11	3.6	1.5	**U**
91-20-3	Naphthalene	4.9	8.3	4.9	2.1	**U**
1330-20-7	Xylenes, Total	**46**	19	6.5	2.7	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01209

Initial Pressure (psig): -4.63 Final Pressure (psig): 5.98

Container Dilution Factor: 2.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**85**	62	38	15	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.9**	22	13	3.6	**J**
74-87-3	Chloromethane	**13**	52	32	8.5	**J**
75-01-4	Vinyl Chloride	14	43	14	4.6	**U**
106-99-0	1,3-Butadiene	30	48	30	8.2	**U**
75-00-3	Chloroethane	25	40	25	5.1	**U**
64-17-5	Ethanol	**530**	580	90	40	**J**
67-64-1	Acetone	230	450	230	100	**U**
75-69-4	Trichlorofluoromethane	12	19	12	3.0	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**33**	83	53	18	**J**
75-09-2	Methylene Chloride	**19**	31	19	8.9	**J**
76-13-1	Trichlorotrifluoroethane	**8.5**	14	4.5	2.0	**J**
75-15-0	Carbon Disulfide	**30**	66	36	11	**J**
75-34-3	1,1-Dichloroethane	17	27	17	4.0	**U**
78-93-3	2-Butanone (MEK)	**22**	70	22	7.6	**J**
141-78-6	Ethyl Acetate	37	57	37	16	**U**
110-54-3	n-Hexane	**100**	30	19	6.4	
67-66-3	Chloroform	7.1	22	7.1	3.0	**U**
109-99-9	Tetrahydrofuran (THF)	**6.7**	70	12	4.7	**J**
107-06-2	1,2-Dichloroethane	8.6	26	8.6	3.0	**U**
71-43-2	Benzene	**830**	33	11	4.9	
56-23-5	Carbon Tetrachloride	5.5	17	5.5	2.4	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01209

Initial Pressure (psig): -4.63 Final Pressure (psig): 5.98

Container Dilution Factor: 2.05

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**380**	60	20	8.9	
75-27-4	Bromodichloromethane	5.2	16	5.2	2.4	**U**
79-01-6	Trichloroethene	**3.5**	19	6.5	2.7	**J**
123-91-1	1,4-Dioxane	9.7	30	9.7	3.6	**U**
142-82-5	n-Heptane	**49**	26	16	4.3	
108-10-1	4-Methyl-2-pentanone	8.5	50	8.5	3.7	**U**
108-88-3	Toluene	**340**	28	9.3	3.5	
591-78-6	2-Hexanone	8.5	50	8.5	3.3	**U**
124-48-1	Dibromochloromethane	4.1	13	4.1	1.7	**U**
106-93-4	1,2-Dibromoethane	4.5	14	4.5	1.7	**U**
127-18-4	Tetrachloroethene	**2.6**	16	5.1	2.1	**J**
100-41-4	Ethylbenzene	**14**	25	8.0	3.5	**J**
179601-23-1	m,p-Xylenes	**39**	47	16	6.6	**J**
75-25-2	Bromoform	6.3	11	6.3	2.2	**U**
100-42-5	Styrene	15	25	15	4.1	**U**
95-47-6	o-Xylene	**15**	25	8.0	3.6	**J**
108-67-8	1,3,5-Trimethylbenzene	**4.0**	22	7.1	3.2	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.8**	22	7.1	3.1	**J**
120-82-1	1,2,4-Trichlorobenzene	8.8	28	8.8	3.6	**U**
91-20-3	Naphthalene	12	20	12	5.1	**U**
1330-20-7	Xylenes, Total	**54**	47	16	6.6	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-102-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01204

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.82

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4,700**	12,000	7,400	3,000	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,600	4,200	2,600	700	**U**
74-87-3	Chloromethane	6,100	10,000	6,100	1,600	**U**
75-01-4	Vinyl Chloride	2,600	8,200	2,600	880	**U**
106-99-0	1,3-Butadiene	5,700	9,300	5,700	1,600	**U**
75-00-3	Chloroethane	4,800	7,800	4,800	990	**U**
64-17-5	Ethanol	**66,000**	110,000	17,000	7,800	**J**
67-64-1	Acetone	**950,000**	87,000	45,000	20,000	
75-69-4	Trichlorofluoromethane	2,300	3,600	2,300	570	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**53,000**	16,000	10,000	3,500	
75-09-2	Methylene Chloride	3,600	5,900	3,600	1,700	**U**
76-13-1	Trichlorotrifluoroethane	880	2,700	880	390	**U**
75-15-0	Carbon Disulfide	6,900	13,000	6,900	2,000	**U**
75-34-3	1,1-Dichloroethane	3,200	5,300	3,200	760	**U**
78-93-3	2-Butanone (MEK)	**100,000**	13,000	4,300	1,500	
141-78-6	Ethyl Acetate	7,100	11,000	7,100	3,100	**U**
110-54-3	n-Hexane	**1,100,000**	5,800	3,600	1,200	
67-66-3	Chloroform	1,400	4,300	1,400	580	**U**
109-99-9	Tetrahydrofuran (THF)	2,300	13,000	2,300	900	**U**
107-06-2	1,2-Dichloroethane	1,700	5,100	1,700	580	**U**
71-43-2	Benzene	**300,000**	6,400	2,100	950	
56-23-5	Carbon Tetrachloride	1,100	3,200	1,100	470	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-102-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01204

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.82

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**780,000**		12,000	3,900	1,700	
75-27-4	Bromodichloromethane		1,000	3,100	1,000	460	**U**
79-01-6	Trichloroethene		1,300	3,800	1,300	530	**U**
123-91-1	1,4-Dioxane		1,900	5,700	1,900	690	**U**
142-82-5	n-Heptane	**350,000**		5,000	3,100	820	
108-10-1	4-Methyl-2-pentanone	**1,300**		9,700	1,600	710	**J**
108-88-3	Toluene	**220,000**		5,500	1,800	680	
591-78-6	2-Hexanone		1,600	9,700	1,600	640	**U**
124-48-1	Dibromochloromethane		790	2,400	790	330	**U**
106-93-4	1,2-Dibromoethane		880	2,700	880	320	**U**
127-18-4	Tetrachloroethene		990	3,000	990	400	**U**
100-41-4	Ethylbenzene	**16,000**		4,700	1,600	680	
179601-23-1	m,p-Xylenes	**25,000**		9,100	3,100	1,300	
75-25-2	Bromoform		1,200	2,000	1,200	420	**U**
100-42-5	Styrene		3,000	4,800	3,000	800	**U**
95-47-6	o-Xylene	**8,200**		4,800	1,600	700	
108-67-8	1,3,5-Trimethylbenzene	**2,200**		4,300	1,400	620	**J**
95-63-6	1,2,4-Trimethylbenzene	**6,600**		4,200	1,400	600	
120-82-1	1,2,4-Trichlorobenzene		1,700	5,300	1,700	690	**U**
91-20-3	Naphthalene		2,300	3,900	2,300	980	**U**
1330-20-7	Xylenes, Total	**33,000**		9,100	3,100	1,300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-113-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01346

Initial Pressure (psig): -4.46 Final Pressure (psig): 5.75

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3,700**	12,000	7,400	3,000	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,600	4,200	2,600	700	**U**
74-87-3	Chloromethane	6,200	10,000	6,200	1,700	**U**
75-01-4	Vinyl Chloride	2,700	8,300	2,700	890	**U**
106-99-0	1,3-Butadiene	5,800	9,400	5,800	1,600	**U**
75-00-3	Chloroethane	4,900	7,900	4,900	1,000	**U**
64-17-5	Ethanol	**48,000**	110,000	18,000	7,900	**J**
67-64-1	Acetone	**730,000**	88,000	45,000	20,000	
75-69-4	Trichlorofluoromethane	2,300	3,600	2,300	580	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**40,000**	16,000	10,000	3,600	
75-09-2	Methylene Chloride	3,700	6,000	3,700	1,700	**U**
76-13-1	Trichlorotrifluoroethane	890	2,800	890	400	**U**
75-15-0	Carbon Disulfide	6,900	13,000	6,900	2,100	**U**
75-34-3	1,1-Dichloroethane	3,300	5,300	3,300	770	**U**
78-93-3	2-Butanone (MEK)	**78,000**	14,000	4,300	1,500	
141-78-6	Ethyl Acetate	7,200	11,000	7,200	3,100	**U**
110-54-3	n-Hexane	**880,000**	5,900	3,600	1,200	
67-66-3	Chloroform	1,400	4,300	1,400	580	**U**
109-99-9	Tetrahydrofuran (THF)	2,300	14,000	2,300	910	**U**
107-06-2	1,2-Dichloroethane	1,700	5,100	1,700	580	**U**
71-43-2	Benzene	**230,000**	6,500	2,100	960	
56-23-5	Carbon Tetrachloride	1,100	3,200	1,100	470	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-113-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/27/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01346

Initial Pressure (psig): -4.46 Final Pressure (psig): 5.75

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**620,000**		12,000	4,000	1,700	
75-27-4	Bromodichloromethane		1,000	3,100	1,000	460	**U**
79-01-6	Trichloroethene		1,300	3,800	1,300	540	**U**
123-91-1	1,4-Dioxane		1,900	5,800	1,900	700	**U**
142-82-5	n-Heptane	**300,000**		5,100	3,100	830	
108-10-1	4-Methyl-2-pentanone		1,700	9,800	1,700	710	**U**
108-88-3	Toluene	**180,000**		5,500	1,800	690	
591-78-6	2-Hexanone		1,700	9,800	1,700	640	**U**
124-48-1	Dibromochloromethane		800	2,400	800	330	**U**
106-93-4	1,2-Dibromoethane		890	2,700	890	320	**U**
127-18-4	Tetrachloroethene		1,000	3,100	1,000	410	**U**
100-41-4	Ethylbenzene	**10,000**		4,800	1,600	690	
179601-23-1	m,p-Xylenes	**16,000**		9,200	3,100	1,300	
75-25-2	Bromoform		1,200	2,100	1,200	430	**U**
100-42-5	Styrene		3,000	4,900	3,000	810	**U**
95-47-6	o-Xylene	**4,900**		4,900	1,600	710	**J**
108-67-8	1,3,5-Trimethylbenzene	**1,100**		4,300	1,400	630	**J**
95-63-6	1,2,4-Trimethylbenzene	**3,400**		4,200	1,400	600	**J**
120-82-1	1,2,4-Trichlorobenzene		1,700	5,400	1,700	700	**U**
91-20-3	Naphthalene		2,400	4,000	2,400	990	**U**
1330-20-7	Xylenes, Total	**21,000**		9,200	3,100	1,300	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	**0.071**	0.32	0.17	0.051	**J**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	**0.11**	0.32	0.17	0.051	**J**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102340

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao Date(s) Received: 4/27/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/13 - 6/3/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210513-MB	**93**	**104**	**106**	70-130	
Method Blank	P210513-MB	**94**	**103**	**104**	70-130	
Method Blank	P210514-MB	**94**	**105**	**104**	70-130	
Method Blank	P210603-MB	**103**	**103**	**97**	70-130	
Lab Control Sample	P210513-LCS	**91**	**101**	**106**	70-130	
Lab Control Sample	P210513-LCS	**91**	**100**	**103**	70-130	
Lab Control Sample	P210514-LCS	**91**	**101**	**104**	70-130	
Lab Control Sample	P210603-LCS	**104**	**98**	**95**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**91**	**101**	**104**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**92**	**101**	**104**	70-130	
Duplicate Lab Control Sample	P210514-DLCS	**92**	**101**	**103**	70-130	
Duplicate Lab Control Sample	P210603-DLCS	**103**	**98**	**96**	70-130	
SV119-250-212	P2102340-001	**90**	**98**	**109**	70-130	
SV119-350-212	P2102340-002	**90**	**99**	**104**	70-130	
SV119-450-212	P2102340-003	**92**	**94**	**99**	70-130	
SV126-025-212	P2102340-004	**95**	**103**	**104**	70-130	
SV126-050-212	P2102340-005	**95**	**102**	**102**	70-130	
SV126-150-212	P2102340-006	**96**	**102**	**102**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102340

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao Date(s) Received: 4/27/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/13 - 6/3/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV126-250-212	P2102340-007	**95**	**102**	**102**	70-130	
SV126-350-212	P2102340-008	**93**	**104**	**101**	70-130	
SV126-450-212	P2102340-009	**93**	**104**	**102**	70-130	
SV129-025-212	P2102340-010	**94**	**105**	**104**	70-130	
SV129-050-212	P2102340-011	**94**	**104**	**103**	70-130	
SV129-150-212	P2102340-012	**95**	**104**	**103**	70-130	
SV129-250-212	P2102340-013	**95**	**105**	**104**	70-130	
SV129-350-212	P2102340-014	**93**	**104**	**103**	70-130	
SV129-450-212	P2102340-015	**89**	**102**	**107**	70-130	
SV130-025-212	P2102340-016	**92**	**104**	**104**	70-130	
SV130-050-212	P2102340-017	**93**	**104**	**104**	70-130	
SV130-150-212	P2102340-018	**93**	**103**	**106**	70-130	
SV130-250-212	P2102340-019	**92**	**103**	**106**	70-130	
SV130-350-212	P2102340-020	**93**	**102**	**104**	70-130	
SV130-450-612	P2102340-021	**92**	**94**	**99**	70-130	
SV130-450-212	P2102340-022	**92**	**102**	**103**	70-130	
SV1-102-212	P2102340-023	**92**	**104**	**105**	70-130	
SV1-113-212	P2102340-024	**92**	**104**	**105**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	90.5	90.8	**74**	**74**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.0	34.2	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	99.8	86.4	86.3	**87**	**86**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	71.7	73.1	**88**	**90**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	88.9	92.3	**94**	**97**	66-134	3	25	
75-00-3	Chloroethane	77.3	70.4	71.6	**91**	**93**	63-127	2	25	
64-17-5	Ethanol	530	413	427	**78**	**81**	59-125	4	25	
67-64-1	Acetone	435	342	349	**79**	**80**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.2	30.4	**83**	**84**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	128	133	**77**	**80**	52-125	4	25	
75-09-2	Methylene Chloride	59.9	51.0	51.9	**85**	**87**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.1	24.4	**86**	**87**	66-126	1	25	
75-15-0	Carbon Disulfide	137	119	121	**87**	**88**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	42.0	43.1	**80**	**82**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	122	124	**87**	**89**	67-130	2	25	
141-78-6	Ethyl Acetate	117	129	132	**110**	**113**	65-128	3	25	
110-54-3	n-Hexane	60.2	45.1	46.3	**75**	**77**	63-120	3	25	
67-66-3	Chloroform	43.8	35.8	36.3	**82**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	112	113	**82**	**83**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	42.1	42.9	**82**	**83**	65-128	1	25	
71-43-2	Benzene	63.9	48.0	48.7	**75**	**76**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	28.3	28.6	**85**	**86**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	105	106	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	27.0	27.1	**86**	**86**	72-128	0	25	
79-01-6	Trichloroethene	38.3	33.7	34.0	**88**	**89**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	47.1	47.6	**82**	**82**	71-122	0	25	
142-82-5	n-Heptane	51.3	43.4	43.9	**85**	**86**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	89.8	91.4	**88**	**90**	67-130	2	25	
108-88-3	Toluene	54.7	45.7	46.1	**84**	**84**	66-119	0	25	
591-78-6	2-Hexanone	98.7	83.1	84.7	**84**	**86**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	24.4	24.3	**99**	**98**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	26.3	26.4	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	27.0	26.9	**89**	**88**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	41.8	42.0	**88**	**89**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	83.5	83.9	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	20.1	21.0	20.9	**104**	**104**	66-139	0	25	
100-42-5	Styrene	48.4	41.9	42.0	**87**	**87**	73-127	0	25	
95-47-6	o-Xylene	47.4	41.5	41.6	**88**	**88**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.4	37.2	**89**	**89**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	37.9	38.0	**91**	**92**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	51.9	51.4	**99**	**98**	55-142	1	25	
91-20-3	Naphthalene	37.8	38.9	38.7	**103**	**102**	57-138	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	93.4	93.8	**77**	**77**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.1	34.2	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	99.8	91.7	88.2	**92**	**88**	59-132	4	25	
75-01-4	Vinyl Chloride	81.4	73.3	74.0	**90**	**91**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	92.7	93.1	**98**	**98**	66-134	0	25	
75-00-3	Chloroethane	77.3	73.2	73.4	**95**	**95**	63-127	0	25	
64-17-5	Ethanol	530	436	443	**82**	**84**	59-125	2	25	
67-64-1	Acetone	435	354	358	**81**	**82**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.0	30.4	**83**	**84**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	134	135	**81**	**81**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	52.2	52.7	**87**	**88**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.0	24.2	**86**	**87**	66-126	1	25	
75-15-0	Carbon Disulfide	137	121	123	**88**	**90**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	43.0	43.8	**82**	**84**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	124	126	**89**	**90**	67-130	1	25	
141-78-6	Ethyl Acetate	117	132	135	**113**	**115**	65-128	2	25	
110-54-3	n-Hexane	60.2	46.2	47.1	**77**	**78**	63-120	1	25	
67-66-3	Chloroform	43.8	36.1	36.6	**82**	**84**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	114	116	**84**	**85**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	42.2	43.0	**82**	**84**	65-128	2	25	
71-43-2	Benzene	63.9	48.6	49.1	**76**	**77**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	27.9	28.3	**84**	**85**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	105	107	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	26.9	27.4	**86**	**87**	72-128	1	25	
79-01-6	Trichloroethene	38.3	33.5	34.0	**87**	**89**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	47.1	47.7	**82**	**83**	71-122	1	25	
142-82-5	n-Heptane	51.3	43.9	44.5	**86**	**87**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	91.1	92.9	**89**	**91**	67-130	2	25	
108-88-3	Toluene	54.7	45.2	46.1	**83**	**84**	66-119	1	25	
591-78-6	2-Hexanone	98.7	83.7	85.6	**85**	**87**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	23.7	24.1	**96**	**98**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	25.8	26.3	**95**	**97**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	26.2	26.6	**86**	**88**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	41.3	42.0	**87**	**89**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	81.9	83.7	**86**	**88**	61-134	2	25	
75-25-2	Bromoform	20.1	20.3	20.7	**101**	**103**	66-139	2	25	
100-42-5	Styrene	48.4	41.1	41.9	**85**	**87**	73-127	2	25	
95-47-6	o-Xylene	47.4	40.8	41.5	**86**	**88**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	36.3	36.8	**87**	**88**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	36.9	37.5	**89**	**90**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	49.4	50.2	**94**	**96**	55-142	2	25	
91-20-3	Naphthalene	37.8	37.2	37.9	**98**	**100**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	94.0	91.4	**77**	**75**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.3	33.8	**81**	**80**	59-128	1	25	
74-87-3	Chloromethane	99.8	89.6	87.2	**90**	**87**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	73.5	73.3	**90**	**90**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	95.3	94.6	**100**	**100**	66-134	0	25	
75-00-3	Chloroethane	77.3	73.4	72.4	**95**	**94**	63-127	1	25	
64-17-5	Ethanol	530	434	433	**82**	**82**	59-125	0	25	
67-64-1	Acetone	435	354	355	**81**	**82**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.2	30.1	**83**	**83**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	132	134	**80**	**81**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	52.3	51.9	**87**	**87**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.1	24.1	**86**	**86**	66-126	0	25	
75-15-0	Carbon Disulfide	137	121	121	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	43.1	43.1	**82**	**82**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	124	125	**89**	**89**	67-130	0	25	
141-78-6	Ethyl Acetate	117	132	132	**113**	**113**	65-128	0	25	
110-54-3	n-Hexane	60.2	45.8	46.3	**76**	**77**	63-120	1	25	
67-66-3	Chloroform	43.8	36.2	36.2	**83**	**83**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	114	114	**84**	**84**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	42.4	42.6	**82**	**83**	65-128	1	25	
71-43-2	Benzene	63.9	48.7	48.6	**76**	**76**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	28.1	27.9	**84**	**84**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	105	105	**87**	**87**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	27.0	27.0	**86**	**86**	72-128	0	25	
79-01-6	Trichloroethene	38.3	33.7	33.7	**88**	**88**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	47.3	47.1	**82**	**82**	71-122	0	25	
142-82-5	n-Heptane	51.3	44.1	43.9	**86**	**86**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	90.6	91.0	**89**	**89**	67-130	0	25	
108-88-3	Toluene	54.7	46.0	46.0	**84**	**84**	66-119	0	25	
591-78-6	2-Hexanone	98.7	84.1	84.9	**85**	**86**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.2	24.1	**98**	**98**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	26.3	26.2	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	26.8	26.8	**88**	**88**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	41.9	41.9	**88**	**88**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	83.4	83.7	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	20.1	20.7	20.7	**103**	**103**	66-139	0	25	
100-42-5	Styrene	48.4	41.7	41.8	**86**	**86**	73-127	0	25	
95-47-6	o-Xylene	47.4	41.5	41.5	**88**	**88**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	36.9	36.9	**88**	**88**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	37.4	37.5	**90**	**90**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	50.1	50.5	**96**	**97**	55-142	1	25	
91-20-3	Naphthalene	37.8	37.6	38.1	**99**	**101**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	120	118	**98**	**97**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.7	41.5	**98**	**98**	59-128	0	25	
74-87-3	Chloromethane	99.8	115	111	**115**	**111**	59-132	4	25	
75-01-4	Vinyl Chloride	81.4	85.3	85.8	**105**	**105**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	105	106	**111**	**112**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	81.6	81.3	**106**	**105**	63-127	0.9	25	
64-17-5	Ethanol	530	523	523	**99**	**99**	59-125	0	25	
67-64-1	Acetone	435	441	441	**101**	**101**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	36.1	36.4	**99**	**100**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	183	183	**110**	**110**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	60.5	60.8	**101**	**102**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.5	27.0	**95**	**97**	66-126	2	25	
75-15-0	Carbon Disulfide	137	137	137	**100**	**100**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	53.1	53.4	**101**	**102**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	146	146	**104**	**104**	67-130	0	25	
141-78-6	Ethyl Acetate	117	159	160	**136**	**137**	65-128	0.7	25	**L**
110-54-3	n-Hexane	60.2	60.0	60.5	**100**	**100**	63-120	0	25	
67-66-3	Chloroform	43.8	42.8	43.0	**98**	**98**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	135	136	**99**	**100**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	53.1	53.4	**103**	**104**	65-128	1	25	
71-43-2	Benzene	63.9	61.3	61.6	**96**	**96**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	32.8	33.1	**98**	**99**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	119	120	**98**	**99**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	31.3	31.5	**100**	**100**	72-128	0	25	
79-01-6	Trichloroethene	38.3	36.5	36.9	**95**	**96**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	60.5	61.4	**105**	**106**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	50.4	50.9	**98**	**99**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	109	109	**107**	**107**	67-130	0	25	
108-88-3	Toluene	54.7	50.8	51.9	**93**	**95**	66-119	2	25	
591-78-6	2-Hexanone	98.7	107	109	**108**	**110**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	24.6	25.1	**100**	**102**	70-130	2	25	
106-93-4	1,2-Dibromoethane	27.1	26.4	27.1	**97**	**100**	74-122	3	25	
127-18-4	Tetrachloroethene	30.4	27.9	28.7	**92**	**94**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	44.2	45.2	**93**	**95**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	89.4	90.9	**94**	**96**	61-134	2	25	
75-25-2	Bromoform	20.1	19.9	20.6	**99**	**102**	66-139	3	25	
100-42-5	Styrene	48.4	46.4	47.4	**96**	**98**	73-127	2	25	
95-47-6	o-Xylene	47.4	44.9	45.6	**95**	**96**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.6	40.4	**95**	**96**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.3	40.1	**95**	**97**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	56.1	57.9	**107**	**111**	55-142	4	25	
91-20-3	Naphthalene	37.8	43.7	44.7	**116**	**118**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00845

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.75

Container Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1,100	1,700	1,100	430	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,100	1,700	1,100	290	**U**
74-87-3	Chloromethane	1,100	1,700	1,100	290	**U**
75-01-4	Vinyl Chloride	560	1,800	560	190	**U**
106-99-0	1,3-Butadiene	1,100	1,700	1,100	290	**U**
75-00-3	Chloroethane	1,100	1,700	1,100	220	**U**
64-17-5	Ethanol	2,800	18,000	2,800	1,200	**U**
67-64-1	Acetone	9,000	17,000	9,000	4,000	**U**
75-69-4	Trichlorofluoromethane	1,100	1,700	1,100	270	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,100	3,300	2,100	730	**U**
75-09-2	Methylene Chloride	1,100	1,700	1,100	500	**U**
76-13-1	Trichlorotrifluoroethane	560	1,800	560	250	**U**
75-15-0	Carbon Disulfide	1,800	3,300	1,800	530	**U**
75-34-3	1,1-Dichloroethane	1,100	1,800	1,100	260	**U**
78-93-3	2-Butanone (MEK)	1,100	3,300	1,100	370	**U**
141-78-6	Ethyl Acetate	2,200	3,300	2,200	930	**U**
110-54-3	n-Hexane	**42,000**	1,700	1,100	370	
67-66-3	Chloroform	560	1,800	560	240	**U**
109-99-9	Tetrahydrofuran (THF)	560	3,300	560	220	**U**
107-06-2	1,2-Dichloroethane	560	1,700	560	200	**U**
71-43-2	Benzene	**63,000**	1,700	560	260	
56-23-5	Carbon Tetrachloride	560	1,700	560	250	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00845

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.75

Container Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**320,000**	3,300	1,100	500	
75-27-4	Bromodichloromethane	560	1,700	560	260	**U**
79-01-6	Trichloroethene	560	1,700	560	240	**U**
123-91-1	1,4-Dioxane	560	1,700	560	210	**U**
142-82-5	n-Heptane	**2,400**	1,700	1,100	280	
108-10-1	4-Methyl-2-pentanone	560	3,300	560	240	**U**
108-88-3	Toluene	560	1,700	560	220	**U**
591-78-6	2-Hexanone	560	3,300	560	220	**U**
124-48-1	Dibromochloromethane	560	1,700	560	230	**U**
106-93-4	1,2-Dibromoethane	560	1,700	560	210	**U**
127-18-4	Tetrachloroethene	560	1,700	560	230	**U**
100-41-4	Ethylbenzene	560	1,700	560	250	**U**
179601-23-1	m,p-Xylenes	1,100	3,300	1,100	460	**U**
75-25-2	Bromoform	1,100	1,800	1,100	370	**U**
100-42-5	Styrene	1,100	1,700	1,100	290	**U**
95-47-6	o-Xylene	**4,800**	1,800	560	260	
108-67-8	1,3,5-Trimethylbenzene	**940**	1,800	560	260	**J**
95-63-6	1,2,4-Trimethylbenzene	560	1,700	560	250	**U**
120-82-1	1,2,4-Trichlorobenzene	1,100	3,300	1,100	430	**U**
91-20-3	Naphthalene	1,000	1,700	1,000	430	**U**
1330-20-7	Xylenes, Total	**4,800**	3,300	1,100	460	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SC00864

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1,400**	1,500	920	370	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	920	1,500	920	250	**U**
74-87-3	Chloromethane	920	1,500	920	250	**U**
75-01-4	Vinyl Chloride	490	1,500	490	160	**U**
106-99-0	1,3-Butadiene	920	1,500	920	250	**U**
75-00-3	Chloroethane	920	1,500	920	190	**U**
64-17-5	Ethanol	2,400	15,000	2,400	1,100	**U**
67-64-1	Acetone	7,700	15,000	7,700	3,400	**U**
75-69-4	Trichlorofluoromethane	920	1,500	920	230	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,800	2,900	1,800	630	**U**
75-09-2	Methylene Chloride	920	1,500	920	430	**U**
76-13-1	Trichlorotrifluoroethane	**320**	1,500	490	220	**J**
75-15-0	Carbon Disulfide	1,500	2,900	1,500	460	**U**
75-34-3	1,1-Dichloroethane	950	1,500	950	220	**U**
78-93-3	2-Butanone (MEK)	920	2,900	920	320	**U**
141-78-6	Ethyl Acetate	1,900	2,900	1,900	800	**U**
110-54-3	n-Hexane	**130,000**	1,500	920	320	
67-66-3	Chloroform	490	1,500	490	200	**U**
109-99-9	Tetrahydrofuran (THF)	490	2,900	490	190	**U**
107-06-2	1,2-Dichloroethane	490	1,500	490	170	**U**
71-43-2	Benzene	**40,000**	1,500	490	220	
56-23-5	Carbon Tetrachloride	490	1,500	490	210	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SC00864

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.38

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**340,000**	2,900	970	430	
75-27-4	Bromodichloromethane	490	1,500	490	220	**U**
79-01-6	Trichloroethene	490	1,500	490	210	**U**
123-91-1	1,4-Dioxane	490	1,500	490	180	**U**
142-82-5	n-Heptane	**91,000**	1,500	920	240	
108-10-1	4-Methyl-2-pentanone	490	2,900	490	210	**U**
108-88-3	Toluene	**1,800**	1,500	490	190	
591-78-6	2-Hexanone	490	2,900	490	190	**U**
124-48-1	Dibromochloromethane	490	1,500	490	200	**U**
106-93-4	1,2-Dibromoethane	490	1,500	490	180	**U**
127-18-4	Tetrachloroethene	490	1,500	490	200	**U**
100-41-4	Ethylbenzene	490	1,500	490	220	**U**
179601-23-1	m,p-Xylenes	**2,900**	2,900	970	400	
75-25-2	Bromoform	920	1,500	920	320	**U**
100-42-5	Styrene	920	1,500	920	250	**U**
95-47-6	o-Xylene	**7,500**	1,500	490	220	
108-67-8	1,3,5-Trimethylbenzene	**1,900**	1,500	490	220	
95-63-6	1,2,4-Trimethylbenzene	**1,600**	1,500	490	210	
120-82-1	1,2,4-Trichlorobenzene	920	2,900	920	370	**U**
91-20-3	Naphthalene	890	1,500	890	370	**U**
1330-20-7	Xylenes, Total	**10,000**	2,900	970	400	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00037

Initial Pressure (psig): -4.15 Final Pressure (psig): 5.61

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.9**	2.5	1.5	0.63	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.5	1.5	0.42	**J**
74-87-3	Chloromethane	**0.98**	2.5	1.5	0.41	**J**
75-01-4	Vinyl Chloride	0.82	2.6	0.82	0.28	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**4.3**	26	4.0	1.8	**J**
67-64-1	Acetone	13	25	13	5.8	**U**
75-69-4	Trichlorofluoromethane	**1.1**	2.5	1.5	0.39	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	4.8	3.0	1.1	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**1.8**	2.6	0.82	0.37	**J**
75-15-0	Carbon Disulfide	**16**	4.8	2.6	0.77	**B**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.38	**U**
78-93-3	2-Butanone (MEK)	**2.5**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	**1.8**	4.8	3.1	1.4	**J**
110-54-3	n-Hexane	**96**	2.5	1.5	0.53	
67-66-3	Chloroform	**0.78**	2.6	0.82	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**1.3**	4.8	0.82	0.32	**J**
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	**23**	2.5	0.82	0.37	
56-23-5	Carbon Tetrachloride	**0.61**	2.5	0.82	0.36	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV119-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00037

Initial Pressure (psig): -4.15 Final Pressure (psig): 5.61

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**380**	4.8	1.6	0.72	
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	0.82	2.5	0.82	0.35	**U**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	**200**	2.5	1.5	0.41	
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**59**	2.5	0.82	0.31	
591-78-6	2-Hexanone	0.82	4.8	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	0.82	2.5	0.82	0.33	**U**
100-41-4	Ethylbenzene	**7.5**	2.5	0.82	0.36	
179601-23-1	m,p-Xylenes	**120**	4.8	1.6	0.68	
75-25-2	Bromoform	1.5	2.6	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**23**	2.6	0.82	0.37	
108-67-8	1,3,5-Trimethylbenzene	**16**	2.6	0.82	0.37	
95-63-6	1,2,4-Trimethylbenzene	**7.0**	2.5	0.82	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.63	**U**
91-20-3	Naphthalene	1.5	2.5	1.5	0.63	**U**
1330-20-7	Xylenes, Total	**140**	4.8	1.6	0.68	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01211

Initial Pressure (psig): -3.97 Final Pressure (psig): 5.50

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.8**	2.4	1.5	0.61	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.8**	2.4	1.5	0.41	**J**
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.80	2.5	0.80	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**7.4**	25	3.9	1.7	**J**
67-64-1	Acetone	**8.4**	24	13	5.6	**J**
75-69-4	Trichlorofluoromethane	**0.99**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**12**	4.7	3.0	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.71	**U**
76-13-1	Trichlorotrifluoroethane	**26**	2.5	0.80	0.36	
75-15-0	Carbon Disulfide	2.5	4.7	2.5	0.75	**U**
75-34-3	1,1-Dichloroethane	1.6	2.5	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**1.9**	4.7	1.5	0.52	**J**
141-78-6	Ethyl Acetate	3.1	4.7	3.1	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.52	**U**
67-66-3	Chloroform	**120**	2.5	0.80	0.33	
109-99-9	Tetrahydrofuran (THF)	0.80	4.7	0.80	0.31	**U**
107-06-2	1,2-Dichloroethane	0.80	2.4	0.80	0.28	**U**
71-43-2	Benzene	**0.58**	2.4	0.80	0.36	**J**
56-23-5	Carbon Tetrachloride	**5.4**	2.4	0.80	0.35	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01211

Initial Pressure (psig): -3.97 Final Pressure (psig): 5.50

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.95**	4.7	1.6	0.71	**J**
75-27-4	Bromodichloromethane	**9.2**	2.4	0.80	0.36	
79-01-6	Trichloroethene	**14**	2.4	0.80	0.34	
123-91-1	1,4-Dioxane	0.80	2.4	0.80	0.30	**U**
142-82-5	n-Heptane	**0.60**	2.4	1.5	0.40	**J**
108-10-1	4-Methyl-2-pentanone	0.80	4.7	0.80	0.34	**U**
108-88-3	Toluene	**2.7**	2.4	0.80	0.31	
591-78-6	2-Hexanone	0.80	4.7	0.80	0.31	**U**
124-48-1	Dibromochloromethane	0.80	2.4	0.80	0.33	**U**
106-93-4	1,2-Dibromoethane	0.80	2.4	0.80	0.29	**U**
127-18-4	Tetrachloroethene	**2.1**	2.4	0.80	0.32	**J**
100-41-4	Ethylbenzene	**1.1**	2.4	0.80	0.35	**J**
179601-23-1	m,p-Xylenes	**6.1**	4.7	1.6	0.66	
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**2.1**	2.5	0.80	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	**3.3**	2.5	0.80	0.36	
95-63-6	1,2,4-Trimethylbenzene	**14**	2.4	0.80	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	**3.1**	2.4	1.5	0.61	
1330-20-7	Xylenes, Total	**8.2**	4.7	1.6	0.66	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21 & 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01316

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.52

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.4	1.5	0.61	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	2.4	1.5	0.41	**J**
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.80	2.5	0.80	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**19**	25	3.9	1.7	**J**
67-64-1	Acetone	**7.7**	24	13	5.6	**J**
75-69-4	Trichlorofluoromethane	**1.0**	2.4	1.5	0.38	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	4.7	3.0	1.0	**J**
75-09-2	Methylene Chloride	**0.84**	2.4	1.5	0.71	**J**
76-13-1	Trichlorotrifluoroethane	**0.47**	2.5	0.80	0.36	**J**
75-15-0	Carbon Disulfide	**1.4**	4.7	2.5	0.75	**J, B**
75-34-3	1,1-Dichloroethane	1.6	2.5	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**7.3**	4.7	1.5	0.52	
141-78-6	Ethyl Acetate	3.1	4.7	3.1	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.52	**U**
67-66-3	Chloroform	**490**	25	8.0	3.3	**D**
109-99-9	Tetrahydrofuran (THF)	**5.1**	4.7	0.80	0.31	
107-06-2	1,2-Dichloroethane	0.80	2.4	0.80	0.28	**U**
71-43-2	Benzene	**0.48**	2.4	0.80	0.36	**J**
56-23-5	Carbon Tetrachloride	**17**	2.4	0.80	0.35	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21 & 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01316

Initial Pressure (psig): -3.39 Final Pressure (psig): 6.52

Container Dilution Factor: 1.88

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.7	1.6	0.71	**U**
75-27-4	Bromodichloromethane	**56**	2.4	0.80	0.36	
79-01-6	Trichloroethene	**1.7**	2.4	0.80	0.34	**J**
123-91-1	1,4-Dioxane	0.80	2.4	0.80	0.30	**U**
142-82-5	n-Heptane	1.5	2.4	1.5	0.40	**U**
108-10-1	4-Methyl-2-pentanone	0.80	4.7	0.80	0.34	**U**
108-88-3	Toluene	**1.6**	2.4	0.80	0.31	**J**
591-78-6	2-Hexanone	**0.70**	4.7	0.80	0.31	**J**
124-48-1	Dibromochloromethane	**1.0**	2.4	0.80	0.33	**J**
106-93-4	1,2-Dibromoethane	0.80	2.4	0.80	0.29	**U**
127-18-4	Tetrachloroethene	**5.6**	2.4	0.80	0.32	
100-41-4	Ethylbenzene	**0.53**	2.4	0.80	0.35	**J**
179601-23-1	m,p-Xylenes	**2.7**	4.7	1.6	0.66	**J**
75-25-2	Bromoform	1.5	2.5	1.5	0.52	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**0.87**	2.5	0.80	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.2**	2.5	0.80	0.36	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.3**	2.4	0.80	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.7	1.5	0.61	**U**
91-20-3	Naphthalene	**1.6**	2.4	1.5	0.61	**J**
1330-20-7	Xylenes, Total	**3.6**	4.7	1.6	0.66	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01317

Initial Pressure (psig): -4.24 Final Pressure (psig): 6.34

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.6**	2.6	1.6	0.65	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.88**	2.6	1.6	0.44	**J**
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.7	0.85	0.29	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**25**	27	4.2	1.9	**J**
67-64-1	Acetone	**14**	26	14	6.0	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.6	1.6	0.41	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	5.0	3.2	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	0.85	2.7	0.85	0.38	**U**
75-15-0	Carbon Disulfide	**5.5**	5.0	2.7	0.80	**B**
75-34-3	1,1-Dichloroethane	1.7	2.7	1.7	0.39	**U**
78-93-3	2-Butanone (MEK)	**8.4**	5.0	1.6	0.55	
141-78-6	Ethyl Acetate	3.3	5.0	3.3	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	**38**	2.7	0.85	0.36	
109-99-9	Tetrahydrofuran (THF)	**19**	5.0	0.85	0.34	
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.30	**U**
71-43-2	Benzene	**0.50**	2.6	0.85	0.39	**J**
56-23-5	Carbon Tetrachloride	**14**	2.6	0.85	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01317

Initial Pressure (psig): -4.24 Final Pressure (psig): 6.34

Container Dilution Factor: 2.01

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	**2.2**	2.6	0.85	0.39	**J**
79-01-6	Trichloroethene	0.85	2.6	0.85	0.36	**U**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.32	**U**
142-82-5	n-Heptane	1.6	2.6	1.6	0.43	**U**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.37	**U**
108-88-3	Toluene	**1.2**	2.6	0.85	0.33	**J**
591-78-6	2-Hexanone	**0.80**	5.0	0.85	0.33	**J**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**2.8**	2.6	0.85	0.35	
100-41-4	Ethylbenzene	**0.44**	2.6	0.85	0.38	**J**
179601-23-1	m,p-Xylenes	**2.3**	5.0	1.7	0.70	**J**
75-25-2	Bromoform	1.6	2.7	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**0.82**	2.7	0.85	0.39	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.1**	2.7	0.85	0.39	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.5**	2.6	0.85	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	**1.2**	2.6	1.6	0.65	**J**
1330-20-7	Xylenes, Total	**3.2**	5.0	1.7	0.70	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01339

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.37

Container Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**57**	2.1	1.3	0.53	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.44**	2.1	1.3	0.35	**J**
74-87-3	Chloromethane	**0.53**	2.1	1.3	0.35	**J**
75-01-4	Vinyl Chloride	0.69	2.2	0.69	0.23	**U**
106-99-0	1,3-Butadiene	1.3	2.1	1.3	0.36	**U**
75-00-3	Chloroethane	1.3	2.1	1.3	0.27	**U**
64-17-5	Ethanol	**21**	22	3.4	1.5	**J**
67-64-1	Acetone	**11**	21	11	4.9	**J**
75-69-4	Trichlorofluoromethane	**1.2**	2.1	1.3	0.33	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**410**	4.1	2.6	0.90	
75-09-2	Methylene Chloride	1.3	2.1	1.3	0.61	**U**
76-13-1	Trichlorotrifluoroethane	0.69	2.2	0.69	0.31	**U**
75-15-0	Carbon Disulfide	**2.2**	4.1	2.2	0.65	**J, B**
75-34-3	1,1-Dichloroethane	1.3	2.2	1.3	0.32	**U**
78-93-3	2-Butanone (MEK)	**6.6**	4.1	1.3	0.45	
141-78-6	Ethyl Acetate	2.6	4.1	2.6	1.1	**U**
110-54-3	n-Hexane	1.3	2.1	1.3	0.45	**U**
67-66-3	Chloroform	**1.1**	2.2	0.69	0.29	**J**
109-99-9	Tetrahydrofuran (THF)	**29**	4.1	0.69	0.27	
107-06-2	1,2-Dichloroethane	0.69	2.1	0.69	0.24	**U**
71-43-2	Benzene	**0.59**	2.1	0.69	0.31	**J**
56-23-5	Carbon Tetrachloride	**2.2**	2.1	0.69	0.30	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01339

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.37

Container Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.4	4.1	1.4	0.61	**U**
75-27-4	Bromodichloromethane	0.69	2.1	0.69	0.31	**U**
79-01-6	Trichloroethene	0.69	2.1	0.69	0.29	**U**
123-91-1	1,4-Dioxane	**0.27**	2.1	0.69	0.26	**J**
142-82-5	n-Heptane	1.3	2.1	1.3	0.35	**U**
108-10-1	4-Methyl-2-pentanone	0.69	4.1	0.69	0.30	**U**
108-88-3	Toluene	**1.7**	2.1	0.69	0.26	**J**
591-78-6	2-Hexanone	**0.64**	4.1	0.69	0.27	**J**
124-48-1	Dibromochloromethane	0.69	2.1	0.69	0.29	**U**
106-93-4	1,2-Dibromoethane	0.69	2.1	0.69	0.25	**U**
127-18-4	Tetrachloroethene	0.69	2.1	0.69	0.28	**U**
100-41-4	Ethylbenzene	**0.45**	2.1	0.69	0.31	**J**
179601-23-1	m,p-Xylenes	**2.3**	4.1	1.4	0.57	**J**
75-25-2	Bromoform	1.3	2.2	1.3	0.45	**U**
100-42-5	Styrene	1.3	2.1	1.3	0.35	**U**
95-47-6	o-Xylene	**0.73**	2.2	0.69	0.31	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.90**	2.2	0.69	0.31	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.9**	2.1	0.69	0.30	
120-82-1	1,2,4-Trichlorobenzene	1.3	4.1	1.3	0.53	**U**
91-20-3	Naphthalene	**1.3**	2.1	1.3	0.53	**J**
1330-20-7	Xylenes, Total	**3.0**	4.1	1.4	0.57	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS01313

Initial Pressure (psig): -2.96 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	11	18	11	4.5	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	11	18	11	3.0	**U**
74-87-3	Chloromethane	11	18	11	3.0	**U**
75-01-4	Vinyl Chloride	5.9	18	5.9	2.0	**U**
106-99-0	1,3-Butadiene	11	18	11	3.0	**U**
75-00-3	Chloroethane	11	18	11	2.3	**U**
64-17-5	Ethanol	**32**	180	29	13	**J**
67-64-1	Acetone	93	180	93	42	**U**
75-69-4	Trichlorofluoromethane	11	18	11	2.8	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**16**	35	22	7.6	**J**
75-09-2	Methylene Chloride	11	18	11	5.2	**U**
76-13-1	Trichlorotrifluoroethane	5.9	18	5.9	2.6	**U**
75-15-0	Carbon Disulfide	19	35	19	5.5	**U**
75-34-3	1,1-Dichloroethane	11	19	11	2.7	**U**
78-93-3	2-Butanone (MEK)	**6.8**	35	11	3.8	**J**
141-78-6	Ethyl Acetate	22	35	22	9.7	**U**
110-54-3	n-Hexane	**10**	18	11	3.8	**J**
67-66-3	Chloroform	5.9	18	5.9	2.5	**U**
109-99-9	Tetrahydrofuran (THF)	5.9	35	5.9	2.3	**U**
107-06-2	1,2-Dichloroethane	5.9	18	5.9	2.0	**U**
71-43-2	Benzene	**7.7**	18	5.9	2.7	**J**
56-23-5	Carbon Tetrachloride	5.9	18	5.9	2.6	**U**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS01313

Initial Pressure (psig): -2.96 Final Pressure (psig): 5.63

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**63**	35	12	5.2	
75-27-4	Bromodichloromethane	5.9	18	5.9	2.7	**U**
79-01-6	Trichloroethene	**3.5**	18	5.9	2.5	**J**
123-91-1	1,4-Dioxane	5.9	18	5.9	2.2	**U**
142-82-5	n-Heptane	11	18	11	2.9	**U**
108-10-1	4-Methyl-2-pentanone	5.9	35	5.9	2.5	**U**
108-88-3	Toluene	**3.7**	18	5.9	2.2	**J**
591-78-6	2-Hexanone	5.9	35	5.9	2.3	**U**
124-48-1	Dibromochloromethane	5.9	18	5.9	2.4	**U**
106-93-4	1,2-Dibromoethane	5.9	18	5.9	2.1	**U**
127-18-4	Tetrachloroethene	5.9	18	5.9	2.4	**U**
100-41-4	Ethylbenzene	5.9	18	5.9	2.6	**U**
179601-23-1	m,p-Xylenes	**6.4**	35	12	4.8	**J**
75-25-2	Bromoform	11	18	11	3.8	**U**
100-42-5	Styrene	11	18	11	3.0	**U**
95-47-6	o-Xylene	5.9	18	5.9	2.7	**U**
108-67-8	1,3,5-Trimethylbenzene	5.9	18	5.9	2.7	**U**
95-63-6	1,2,4-Trimethylbenzene	**9.2**	18	5.9	2.6	**J**
120-82-1	1,2,4-Trichlorobenzene	11	35	11	4.5	**U**
91-20-3	Naphthalene	11	18	11	4.5	**U**
1330-20-7	Xylenes, Total	**6.4**	35	12	4.8	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SS01345

Initial Pressure (psig): -2.81 Final Pressure (psig): 5.23

Container Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	270	440	270	110	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	270	440	270	73	**U**
74-87-3	Chloromethane	270	440	270	72	**U**
75-01-4	Vinyl Chloride	140	450	140	48	**U**
106-99-0	1,3-Butadiene	270	440	270	74	**U**
75-00-3	Chloroethane	270	440	270	55	**U**
64-17-5	Ethanol	700	4,500	700	310	**U**
67-64-1	Acetone	2,300	4,400	2,300	1,000	**U**
75-69-4	Trichlorofluoromethane	270	430	270	68	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	530	840	530	180	**U**
75-09-2	Methylene Chloride	270	440	270	130	**U**
76-13-1	Trichlorotrifluoroethane	140	450	140	64	**U**
75-15-0	Carbon Disulfide	450	840	450	130	**U**
75-34-3	1,1-Dichloroethane	280	450	280	66	**U**
78-93-3	2-Butanone (MEK)	270	840	270	92	**U**
141-78-6	Ethyl Acetate	550	840	550	240	**U**
110-54-3	n-Hexane	**950**	440	270	92	
67-66-3	Chloroform	140	450	140	60	**U**
109-99-9	Tetrahydrofuran (THF)	140	840	140	56	**U**
107-06-2	1,2-Dichloroethane	140	440	140	50	**U**
71-43-2	Benzene	140	440	140	65	**U**
56-23-5	Carbon Tetrachloride	140	430	140	62	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV126-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes:
Container ID: 1SS01345

Initial Pressure (psig): -2.81 Final Pressure (psig): 5.23

Container Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3,500**	840	290	130	
75-27-4	Bromodichloromethane	140	440	140	65	**U**
79-01-6	Trichloroethene	140	430	140	60	**U**
123-91-1	1,4-Dioxane	140	440	140	53	**U**
142-82-5	n-Heptane	270	440	270	71	**U**
108-10-1	4-Methyl-2-pentanone	140	840	140	61	**U**
108-88-3	Toluene	140	440	140	55	**U**
591-78-6	2-Hexanone	140	840	140	55	**U**
124-48-1	Dibromochloromethane	140	440	140	59	**U**
106-93-4	1,2-Dibromoethane	140	440	140	52	**U**
127-18-4	Tetrachloroethene	140	440	140	58	**U**
100-41-4	Ethylbenzene	140	440	140	63	**U**
179601-23-1	m,p-Xylenes	290	840	290	120	**U**
75-25-2	Bromoform	270	450	270	92	**U**
100-42-5	Styrene	270	440	270	72	**U**
95-47-6	o-Xylene	140	450	140	65	**U**
108-67-8	1,3,5-Trimethylbenzene	140	450	140	65	**U**
95-63-6	1,2,4-Trimethylbenzene	140	440	140	62	**U**
120-82-1	1,2,4-Trichlorobenzene	270	840	270	110	**U**
91-20-3	Naphthalene	260	440	260	110	**U**
1330-20-7	Xylenes, Total	290	840	290	120	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01307

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.84

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.2**	2.3	1.4	0.57	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.75	2.3	0.75	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**24**	23	3.7	1.6	
67-64-1	Acetone	**7.9**	23	12	5.3	**J**
75-69-4	Trichlorofluoromethane	**1.0**	2.2	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.3**	4.4	2.8	0.97	**J**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**2.0**	2.3	0.75	0.33	**J**
75-15-0	Carbon Disulfide	**2.1**	4.4	2.4	0.70	**J, B**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.34	**U**
78-93-3	2-Butanone (MEK)	**5.9**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.9	4.4	2.9	1.2	**U**
110-54-3	n-Hexane	**1.7**	2.3	1.4	0.48	**J**
67-66-3	Chloroform	**0.43**	2.3	0.75	0.31	**J**
109-99-9	Tetrahydrofuran (THF)	**1.3**	4.4	0.75	0.29	**J**
107-06-2	1,2-Dichloroethane	0.75	2.3	0.75	0.26	**U**
71-43-2	Benzene	**3.6**	2.3	0.75	0.34	
56-23-5	Carbon Tetrachloride	**2.1**	2.2	0.75	0.33	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01307

Initial Pressure (psig): -3.02 Final Pressure (psig): 5.84

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.1**	4.4	1.5	0.66	**J**
75-27-4	Bromodichloromethane	0.75	2.3	0.75	0.34	**U**
79-01-6	Trichloroethene	0.75	2.2	0.75	0.32	**U**
123-91-1	1,4-Dioxane	0.75	2.3	0.75	0.28	**U**
142-82-5	n-Heptane	**4.1**	2.3	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.75	4.4	0.75	0.32	**U**
108-88-3	Toluene	**13**	2.3	0.75	0.29	
591-78-6	2-Hexanone	**1.1**	4.4	0.75	0.29	**J**
124-48-1	Dibromochloromethane	0.75	2.3	0.75	0.31	**U**
106-93-4	1,2-Dibromoethane	0.75	2.3	0.75	0.27	**U**
127-18-4	Tetrachloroethene	**0.74**	2.3	0.75	0.30	**J**
100-41-4	Ethylbenzene	**2.4**	2.3	0.75	0.33	
179601-23-1	m,p-Xylenes	**14**	4.4	1.5	0.62	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**4.8**	2.3	0.75	0.34	
108-67-8	1,3,5-Trimethylbenzene	**3.2**	2.3	0.75	0.34	
95-63-6	1,2,4-Trimethylbenzene	**11**	2.3	0.75	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	**3.4**	2.3	1.4	0.57	
1330-20-7	Xylenes, Total	**18**	4.4	1.5	0.62	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01300

Initial Pressure (psig): -3.48 Final Pressure (psig): 5.53

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.3**	2.3	1.4	0.59	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.8**	2.3	1.4	0.39	
74-87-3	Chloromethane	**0.59**	2.3	1.4	0.39	**J**
75-01-4	Vinyl Chloride	0.77	2.4	0.77	0.26	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.40	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.30	**U**
64-17-5	Ethanol	**48**	24	3.7	1.7	
67-64-1	Acetone	**16**	23	12	5.4	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.3	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.8**	4.5	2.8	0.99	**J**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.68	**U**
76-13-1	Trichlorotrifluoroethane	**2.1**	2.4	0.77	0.34	**J**
75-15-0	Carbon Disulfide	**2.5**	4.5	2.4	0.72	**J, B**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**13**	4.5	1.4	0.50	
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.3	**U**
110-54-3	n-Hexane	**1.3**	2.3	1.4	0.50	**J**
67-66-3	Chloroform	**0.62**	2.4	0.77	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**2.3**	4.5	0.77	0.30	**J**
107-06-2	1,2-Dichloroethane	0.77	2.3	0.77	0.27	**U**
71-43-2	Benzene	**2.1**	2.3	0.77	0.35	**J**
56-23-5	Carbon Tetrachloride	**2.3**	2.3	0.77	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01300

Initial Pressure (psig): -3.48 Final Pressure (psig): 5.53

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.68	**U**
75-27-4	Bromodichloromethane	0.77	2.3	0.77	0.35	**U**
79-01-6	Trichloroethene	0.77	2.3	0.77	0.32	**U**
123-91-1	1,4-Dioxane	0.77	2.3	0.77	0.28	**U**
142-82-5	n-Heptane	**2.8**	2.3	1.4	0.38	
108-10-1	4-Methyl-2-pentanone	**0.57**	4.5	0.77	0.33	**J**
108-88-3	Toluene	**7.4**	2.3	0.77	0.29	
591-78-6	2-Hexanone	**2.1**	4.5	0.77	0.30	**J**
124-48-1	Dibromochloromethane	0.77	2.3	0.77	0.32	**U**
106-93-4	1,2-Dibromoethane	0.77	2.3	0.77	0.28	**U**
127-18-4	Tetrachloroethene	**0.81**	2.3	0.77	0.31	**J**
100-41-4	Ethylbenzene	**1.3**	2.3	0.77	0.34	**J**
179601-23-1	m,p-Xylenes	**7.2**	4.5	1.5	0.63	
75-25-2	Bromoform	1.4	2.4	1.4	0.50	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.39	**U**
95-47-6	o-Xylene	**2.5**	2.4	0.77	0.35	
108-67-8	1,3,5-Trimethylbenzene	**1.8**	2.4	0.77	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**6.7**	2.3	0.77	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.59	**U**
91-20-3	Naphthalene	**1.6**	2.3	1.4	0.59	**J**
1330-20-7	Xylenes, Total	**9.7**	4.5	1.5	0.63	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01201

Initial Pressure (psig): -2.93 Final Pressure (psig): 5.41

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.91**	2.2	1.4	0.56	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.8**	2.2	1.4	0.37	
74-87-3	Chloromethane	**0.48**	2.2	1.4	0.37	**J**
75-01-4	Vinyl Chloride	0.73	2.3	0.73	0.24	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**25**	23	3.5	1.6	
67-64-1	Acetone	**6.8**	22	12	5.1	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	4.3	2.7	0.94	**J**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.64	**U**
76-13-1	Trichlorotrifluoroethane	**4.2**	2.3	0.73	0.32	
75-15-0	Carbon Disulfide	**2.5**	4.3	2.3	0.68	**J, B**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**6.1**	4.3	1.4	0.47	
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**1.1**	2.2	1.4	0.47	**J**
67-66-3	Chloroform	**0.97**	2.3	0.73	0.30	**J**
109-99-9	Tetrahydrofuran (THF)	**0.83**	4.3	0.73	0.29	**J**
107-06-2	1,2-Dichloroethane	0.73	2.2	0.73	0.25	**U**
71-43-2	Benzene	**1.8**	2.2	0.73	0.33	**J**
56-23-5	Carbon Tetrachloride	**3.7**	2.2	0.73	0.32	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01201

Initial Pressure (psig): -2.93 Final Pressure (psig): 5.41

Container Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.3	1.5	0.64	**U**
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	**2.0**	2.2	0.73	0.31	**J**
123-91-1	1,4-Dioxane	0.73	2.2	0.73	0.27	**U**
142-82-5	n-Heptane	**2.3**	2.2	1.4	0.36	
108-10-1	4-Methyl-2-pentanone	0.73	4.3	0.73	0.31	**U**
108-88-3	Toluene	**6.4**	2.2	0.73	0.28	
591-78-6	2-Hexanone	**0.81**	4.3	0.73	0.28	**J**
124-48-1	Dibromochloromethane	0.73	2.2	0.73	0.30	**U**
106-93-4	1,2-Dibromoethane	0.73	2.2	0.73	0.27	**U**
127-18-4	Tetrachloroethene	**1.7**	2.2	0.73	0.29	**J**
100-41-4	Ethylbenzene	**1.6**	2.2	0.73	0.32	**J**
179601-23-1	m,p-Xylenes	**9.1**	4.3	1.5	0.60	
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**3.6**	2.3	0.73	0.33	
108-67-8	1,3,5-Trimethylbenzene	**3.2**	2.3	0.73	0.33	
95-63-6	1,2,4-Trimethylbenzene	**11**	2.2	0.73	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**3.6**	2.2	1.3	0.56	
1330-20-7	Xylenes, Total	**13**	4.3	1.5	0.60	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01198

Initial Pressure (psig): -3.61 Final Pressure (psig): 5.70

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.93**	2.4	1.5	0.60	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.3**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**32**	24	3.8	1.7	
67-64-1	Acetone	**8.8**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**0.86**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**3.8**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**4.8**	4.6	2.5	0.74	**B**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**7.8**	4.6	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**0.82**	2.4	1.5	0.51	**J**
67-66-3	Chloroform	**0.80**	2.4	0.78	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	**0.77**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**1.4**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**2.7**	2.3	0.78	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01198

Initial Pressure (psig): -3.61 Final Pressure (psig): 5.70

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**6.4**	2.3	0.78	0.33	
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**1.8**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.34	**U**
108-88-3	Toluene	**4.7**	2.4	0.78	0.30	
591-78-6	2-Hexanone	**0.94**	4.6	0.78	0.30	**J**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.29	**U**
127-18-4	Tetrachloroethene	**2.1**	2.4	0.78	0.32	**J**
100-41-4	Ethylbenzene	**1.1**	2.4	0.78	0.35	**J**
179601-23-1	m,p-Xylenes	**6.2**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**2.4**	2.4	0.78	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.9**	2.4	0.78	0.35	**J**
95-63-6	1,2,4-Trimethylbenzene	**6.8**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**2.3**	2.4	1.4	0.60	**J**
1330-20-7	Xylenes, Total	**8.6**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01303

Initial Pressure (psig): -3.19 Final Pressure (psig): 5.50

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5.8**	2.3	1.4	0.57	
75-71-8	Dichlorodifluoromethane (CFC 12)	**11**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**28**	23	3.6	1.6	
67-64-1	Acetone	**8.6**	23	12	5.3	**J**
75-69-4	Trichlorofluoromethane	**1.3**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**24**	4.4	2.8	0.96	
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**2.5**	2.3	0.74	0.33	
75-15-0	Carbon Disulfide	**8.1**	4.4	2.4	0.70	**B**
75-34-3	1,1-Dichloroethane	1.4	2.4	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**6.8**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.8	4.4	2.8	1.2	**U**
110-54-3	n-Hexane	**0.84**	2.3	1.4	0.48	**J**
67-66-3	Chloroform	**0.63**	2.3	0.74	0.31	**J**
109-99-9	Tetrahydrofuran (THF)	**0.89**	4.4	0.74	0.29	**J**
107-06-2	1,2-Dichloroethane	0.74	2.3	0.74	0.26	**U**
71-43-2	Benzene	**1.4**	2.3	0.74	0.34	**J**
56-23-5	Carbon Tetrachloride	**1.8**	2.2	0.74	0.32	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01303

Initial Pressure (psig): -3.19 Final Pressure (psig): 5.50

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.4	1.5	0.66	**U**
75-27-4	Bromodichloromethane	0.74	2.3	0.74	0.34	**U**
79-01-6	Trichloroethene	**4.9**	2.2	0.74	0.32	
123-91-1	1,4-Dioxane	0.74	2.3	0.74	0.28	**U**
142-82-5	n-Heptane	**1.7**	2.3	1.4	0.37	**J**
108-10-1	4-Methyl-2-pentanone	0.74	4.4	0.74	0.32	**U**
108-88-3	Toluene	**4.9**	2.3	0.74	0.28	
591-78-6	2-Hexanone	**0.89**	4.4	0.74	0.29	**J**
124-48-1	Dibromochloromethane	0.74	2.3	0.74	0.31	**U**
106-93-4	1,2-Dibromoethane	0.74	2.3	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**1.6**	2.3	0.74	0.30	**J**
100-41-4	Ethylbenzene	**0.89**	2.3	0.74	0.33	**J**
179601-23-1	m,p-Xylenes	**4.7**	4.4	1.5	0.61	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**1.7**	2.3	0.74	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.3**	2.3	0.74	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.5**	2.3	0.74	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	**1.5**	2.3	1.4	0.57	**J**
1330-20-7	Xylenes, Total	**6.4**	4.4	1.5	0.61	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01197

Initial Pressure (psig): -3.79 Final Pressure (psig): 5.91

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**130**	49	30	12	
75-71-8	Dichlorodifluoromethane (CFC 12)	**11**	49	30	8.2	**J**
74-87-3	Chloromethane	**49**	49	30	8.1	
75-01-4	Vinyl Chloride	**8.9**	50	16	5.4	**J**
106-99-0	1,3-Butadiene	30	49	30	8.3	**U**
75-00-3	Chloroethane	**7.5**	49	30	6.2	**J**
64-17-5	Ethanol	78	500	78	35	**U**
67-64-1	Acetone	260	490	260	110	**U**
75-69-4	Trichlorofluoromethane	30	48	30	7.7	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**67**	95	60	21	**J**
75-09-2	Methylene Chloride	30	49	30	14	**U**
76-13-1	Trichlorotrifluoroethane	16	50	16	7.2	**U**
75-15-0	Carbon Disulfide	**260**	95	51	15	**B**
75-34-3	1,1-Dichloroethane	31	51	31	7.4	**U**
78-93-3	2-Butanone (MEK)	**48**	95	30	10	**J**
141-78-6	Ethyl Acetate	61	95	61	26	**U**
110-54-3	n-Hexane	**540**	49	30	10	
67-66-3	Chloroform	16	50	16	6.7	**U**
109-99-9	Tetrahydrofuran (THF)	**62**	95	16	6.3	**J**
107-06-2	1,2-Dichloroethane	16	49	16	5.6	**U**
71-43-2	Benzene	**1,900**	49	16	7.3	
56-23-5	Carbon Tetrachloride	16	48	16	7.0	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV129-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01197

Initial Pressure (psig): -3.79 Final Pressure (psig): 5.91

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**770**	95	32	14	
75-27-4	Bromodichloromethane	16	49	16	7.3	**U**
79-01-6	Trichloroethene	**13**	48	16	6.8	**J**
123-91-1	1,4-Dioxane	16	49	16	6.0	**U**
142-82-5	n-Heptane	**520**	49	30	8.0	
108-10-1	4-Methyl-2-pentanone	16	95	16	6.9	**U**
108-88-3	Toluene	**2,400**	49	16	6.1	
591-78-6	2-Hexanone	16	95	16	6.2	**U**
124-48-1	Dibromochloromethane	16	49	16	6.6	**U**
106-93-4	1,2-Dibromoethane	16	49	16	5.9	**U**
127-18-4	Tetrachloroethene	16	49	16	6.5	**U**
100-41-4	Ethylbenzene	**110**	49	16	7.1	
179601-23-1	m,p-Xylenes	**380**	95	32	13	
75-25-2	Bromoform	30	50	30	10	**U**
100-42-5	Styrene	30	49	30	8.1	**U**
95-47-6	o-Xylene	**230**	50	16	7.3	
108-67-8	1,3,5-Trimethylbenzene	**150**	50	16	7.3	
95-63-6	1,2,4-Trimethylbenzene	**42**	49	16	7.0	**J**
120-82-1	1,2,4-Trichlorobenzene	30	95	30	12	**U**
91-20-3	Naphthalene	29	49	29	12	**U**
1330-20-7	Xylenes, Total	**620**	95	32	13	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-016

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01341

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.67

Container Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.1**	2.2	1.3	0.55	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	2.2	1.3	0.37	
74-87-3	Chloromethane	1.3	2.2	1.3	0.36	**U**
75-01-4	Vinyl Chloride	0.71	2.2	0.71	0.24	**U**
106-99-0	1,3-Butadiene	1.3	2.2	1.3	0.37	**U**
75-00-3	Chloroethane	1.3	2.2	1.3	0.28	**U**
64-17-5	Ethanol	**24**	22	3.5	1.6	
67-64-1	Acetone	**11**	22	11	5.0	**J**
75-69-4	Trichlorofluoromethane	**1.1**	2.1	1.3	0.34	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**17**	4.2	2.6	0.92	
75-09-2	Methylene Chloride	1.3	2.2	1.3	0.63	**U**
76-13-1	Trichlorotrifluoroethane	**2.5**	2.2	0.71	0.32	
75-15-0	Carbon Disulfide	**1.3**	4.2	2.3	0.67	**J, B**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.33	**U**
78-93-3	2-Butanone (MEK)	**6.2**	4.2	1.3	0.46	
141-78-6	Ethyl Acetate	2.7	4.2	2.7	1.2	**U**
110-54-3	n-Hexane	**0.84**	2.2	1.3	0.46	**J**
67-66-3	Chloroform	**0.78**	2.2	0.71	0.30	**J**
109-99-9	Tetrahydrofuran (THF)	0.71	4.2	0.71	0.28	**U**
107-06-2	1,2-Dichloroethane	0.71	2.2	0.71	0.25	**U**
71-43-2	Benzene	**1.2**	2.2	0.71	0.32	**J**
56-23-5	Carbon Tetrachloride	**0.81**	2.1	0.71	0.31	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-025-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-016

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01341

Initial Pressure (psig): -2.60 Final Pressure (psig): 5.67

Container Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**0.69**	4.2	1.4	0.63	**J**
75-27-4	Bromodichloromethane	0.71	2.2	0.71	0.32	**U**
79-01-6	Trichloroethene	**3.7**	2.1	0.71	0.30	
123-91-1	1,4-Dioxane	0.71	2.2	0.71	0.26	**U**
142-82-5	n-Heptane	**1.9**	2.2	1.3	0.36	**J**
108-10-1	4-Methyl-2-pentanone	0.71	4.2	0.71	0.31	**U**
108-88-3	Toluene	**8.2**	2.2	0.71	0.27	
591-78-6	2-Hexanone	**1.2**	4.2	0.71	0.28	**J**
124-48-1	Dibromochloromethane	0.71	2.2	0.71	0.29	**U**
106-93-4	1,2-Dibromoethane	0.71	2.2	0.71	0.26	**U**
127-18-4	Tetrachloroethene	**2.3**	2.2	0.71	0.29	
100-41-4	Ethylbenzene	**5.5**	2.2	0.71	0.32	
179601-23-1	m,p-Xylenes	**31**	4.2	1.4	0.59	
75-25-2	Bromoform	1.3	2.2	1.3	0.46	**U**
100-42-5	Styrene	1.3	2.2	1.3	0.36	**U**
95-47-6	o-Xylene	**10**	2.2	0.71	0.32	
108-67-8	1,3,5-Trimethylbenzene	**14**	2.2	0.71	0.32	
95-63-6	1,2,4-Trimethylbenzene	**59**	2.2	0.71	0.31	
120-82-1	1,2,4-Trichlorobenzene	1.3	4.2	1.3	0.55	**U**
91-20-3	Naphthalene	**13**	2.2	1.3	0.55	
1330-20-7	Xylenes, Total	**42**	4.2	1.4	0.59	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-017

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01320

Initial Pressure (psig): -0.35 Final Pressure (psig): 5.91

Container Dilution Factor: 1.44

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**49**	1.9	1.2	0.47	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	1.9	1.2	0.31	
74-87-3	Chloromethane	**0.43**	1.9	1.2	0.31	**J**
75-01-4	Vinyl Chloride	0.61	1.9	0.61	0.21	**U**
106-99-0	1,3-Butadiene	1.2	1.9	1.2	0.32	**U**
75-00-3	Chloroethane	1.2	1.9	1.2	0.24	**U**
64-17-5	Ethanol	**31**	19	3.0	1.3	
67-64-1	Acetone	**15**	19	9.7	4.3	**J**
75-69-4	Trichlorofluoromethane	**1.2**	1.8	1.2	0.29	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**350**	3.6	2.3	0.79	
75-09-2	Methylene Chloride	**0.73**	1.9	1.2	0.54	**J**
76-13-1	Trichlorotrifluoroethane	**4.0**	1.9	0.61	0.27	
75-15-0	Carbon Disulfide	**0.92**	3.6	1.9	0.58	**J, B**
75-34-3	1,1-Dichloroethane	1.2	1.9	1.2	0.28	**U**
78-93-3	2-Butanone (MEK)	**5.9**	3.6	1.2	0.40	
141-78-6	Ethyl Acetate	**3.3**	3.6	2.3	1.0	**J**
110-54-3	n-Hexane	1.2	1.9	1.2	0.40	**U**
67-66-3	Chloroform	**0.94**	1.9	0.61	0.26	**J**
109-99-9	Tetrahydrofuran (THF)	**13**	3.6	0.61	0.24	
107-06-2	1,2-Dichloroethane	0.61	1.9	0.61	0.21	**U**
71-43-2	Benzene	**0.63**	1.9	0.61	0.28	**J**
56-23-5	Carbon Tetrachloride	**1.1**	1.8	0.61	0.27	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-050-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-017

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01320

Initial Pressure (psig): -0.35 Final Pressure (psig): 5.91

Container Dilution Factor: 1.44

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.2	3.6	1.2	0.54	**U**
75-27-4	Bromodichloromethane	0.61	1.9	0.61	0.28	**U**
79-01-6	Trichloroethene	**4.8**	1.8	0.61	0.26	
123-91-1	1,4-Dioxane	0.61	1.9	0.61	0.23	**U**
142-82-5	n-Heptane	**0.61**	1.9	1.2	0.31	**J**
108-10-1	4-Methyl-2-pentanone	0.61	3.6	0.61	0.26	**U**
108-88-3	Toluene	**2.9**	1.9	0.61	0.23	
591-78-6	2-Hexanone	**0.71**	3.6	0.61	0.24	**J**
124-48-1	Dibromochloromethane	0.61	1.9	0.61	0.25	**U**
106-93-4	1,2-Dibromoethane	0.61	1.9	0.61	0.22	**U**
127-18-4	Tetrachloroethene	**2.4**	1.9	0.61	0.25	
100-41-4	Ethylbenzene	**1.6**	1.9	0.61	0.27	**J**
179601-23-1	m,p-Xylenes	**9.1**	3.6	1.2	0.50	
75-25-2	Bromoform	1.2	1.9	1.2	0.40	**U**
100-42-5	Styrene	1.2	1.9	1.2	0.31	**U**
95-47-6	o-Xylene	**3.1**	1.9	0.61	0.28	
108-67-8	1,3,5-Trimethylbenzene	**4.1**	1.9	0.61	0.28	
95-63-6	1,2,4-Trimethylbenzene	**17**	1.9	0.61	0.27	
120-82-1	1,2,4-Trichlorobenzene	1.2	3.6	1.2	0.47	**U**
91-20-3	Naphthalene	**4.7**	1.9	1.1	0.47	
1330-20-7	Xylenes, Total	**12**	3.6	1.2	0.50	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS01314

Initial Pressure (psig): -4.12 Final Pressure (psig): 5.70

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1,400**	10	6.2	2.5	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.7**	10	6.2	1.7	**J**
74-87-3	Chloromethane	6.2	10	6.2	1.7	**U**
75-01-4	Vinyl Chloride	3.3	10	3.3	1.1	**U**
106-99-0	1,3-Butadiene	6.2	10	6.2	1.7	**U**
75-00-3	Chloroethane	6.2	10	6.2	1.3	**U**
64-17-5	Ethanol	**27**	100	16	7.1	**J**
67-64-1	Acetone	52	100	52	23	**U**
75-69-4	Trichlorofluoromethane	6.2	9.8	6.2	1.6	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	12	19	12	4.2	**U**
75-09-2	Methylene Chloride	6.2	10	6.2	2.9	**U**
76-13-1	Trichlorotrifluoroethane	**7.1**	10	3.3	1.5	**J**
75-15-0	Carbon Disulfide	**4.4**	19	10	3.1	**J**
75-34-3	1,1-Dichloroethane	6.4	10	6.4	1.5	**U**
78-93-3	2-Butanone (MEK)	**9.8**	19	6.2	2.1	**J**
141-78-6	Ethyl Acetate	13	19	13	5.4	**U**
110-54-3	n-Hexane	**160**	10	6.2	2.1	
67-66-3	Chloroform	3.3	10	3.3	1.4	**U**
109-99-9	Tetrahydrofuran (THF)	**2.0**	19	3.3	1.3	**J**
107-06-2	1,2-Dichloroethane	3.3	10	3.3	1.1	**U**
71-43-2	Benzene	**7.1**	10	3.3	1.5	**J**
56-23-5	Carbon Tetrachloride	3.3	9.8	3.3	1.4	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-150-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS01314

Initial Pressure (psig): -4.12 Final Pressure (psig): 5.70

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**18**	19	6.6	2.9	**J**
75-27-4	Bromodichloromethane	3.3	10	3.3	1.5	**U**
79-01-6	Trichloroethene	**3.6**	9.8	3.3	1.4	**J**
123-91-1	1,4-Dioxane	3.3	10	3.3	1.2	**U**
142-82-5	n-Heptane	**64**	10	6.2	1.6	
108-10-1	4-Methyl-2-pentanone	3.3	19	3.3	1.4	**U**
108-88-3	Toluene	**16**	10	3.3	1.3	
591-78-6	2-Hexanone	3.3	19	3.3	1.3	**U**
124-48-1	Dibromochloromethane	3.3	10	3.3	1.4	**U**
106-93-4	1,2-Dibromoethane	3.3	10	3.3	1.2	**U**
127-18-4	Tetrachloroethene	**7.6**	10	3.3	1.3	**J**
100-41-4	Ethylbenzene	**3.8**	10	3.3	1.4	**J**
179601-23-1	m,p-Xylenes	**14**	19	6.6	2.7	**J**
75-25-2	Bromoform	6.2	10	6.2	2.1	**U**
100-42-5	Styrene	6.2	10	6.2	1.7	**U**
95-47-6	o-Xylene	**6.5**	10	3.3	1.5	**J**
108-67-8	1,3,5-Trimethylbenzene	**3.8**	10	3.3	1.5	**J**
95-63-6	1,2,4-Trimethylbenzene	**14**	10	3.3	1.4	
120-82-1	1,2,4-Trichlorobenzene	6.2	19	6.2	2.5	**U**
91-20-3	Naphthalene	**4.3**	10	6.0	2.5	**J**
1330-20-7	Xylenes, Total	**21**	19	6.6	2.7	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01340

Initial Pressure (psig): -3.65 Final Pressure (psig): 5.76

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3.5**	2.4	1.5	0.60	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.4	1.5	0.40	**J**
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**43**	25	3.8	1.7	
67-64-1	Acetone	**14**	24	12	5.6	**J**
75-69-4	Trichlorofluoromethane	**0.86**	2.4	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**18**	4.6	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**5.8**	2.5	0.79	0.35	
75-15-0	Carbon Disulfide	**8.8**	4.6	2.5	0.74	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**11**	4.6	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.51	**U**
67-66-3	Chloroform	**0.38**	2.5	0.79	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	**1.9**	4.6	0.79	0.31	**J**
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	**U**
71-43-2	Benzene	**0.61**	2.4	0.79	0.36	**J**
56-23-5	Carbon Tetrachloride	**1.2**	2.4	0.79	0.34	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-250-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01340

Initial Pressure (psig): -3.65 Final Pressure (psig): 5.76

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.6	1.6	0.69	**U**
75-27-4	Bromodichloromethane	0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene	**16**	2.4	0.79	0.33	
123-91-1	1,4-Dioxane	0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**0.52**	2.4	1.5	0.39	**J**
108-10-1	4-Methyl-2-pentanone	0.79	4.6	0.79	0.34	**U**
108-88-3	Toluene	**2.6**	2.4	0.79	0.30	
591-78-6	2-Hexanone	**1.4**	4.6	0.79	0.31	**J**
124-48-1	Dibromochloromethane	0.79	2.4	0.79	0.32	**U**
106-93-4	1,2-Dibromoethane	0.79	2.4	0.79	0.29	**U**
127-18-4	Tetrachloroethene	**7.9**	2.4	0.79	0.32	
100-41-4	Ethylbenzene	**1.2**	2.4	0.79	0.35	**J**
179601-23-1	m,p-Xylenes	**6.7**	4.6	1.6	0.65	
75-25-2	Bromoform	1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**2.2**	2.5	0.79	0.36	**J**
108-67-8	1,3,5-Trimethylbenzene	**2.6**	2.5	0.79	0.36	
95-63-6	1,2,4-Trimethylbenzene	**11**	2.4	0.79	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**2.9**	2.4	1.4	0.60	
1330-20-7	Xylenes, Total	**8.9**	4.6	1.6	0.65	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-020

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01315

Initial Pressure (psig): -3.21 Final Pressure (psig): 5.71

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.5**	2.3	1.4	0.58	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.3	1.4	0.39	
74-87-3	Chloromethane	**0.63**	2.3	1.4	0.38	**J**
75-01-4	Vinyl Chloride	0.76	2.4	0.76	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**23**	24	3.7	1.6	**J**
67-64-1	Acetone	**9.6**	23	12	5.3	**J**
75-69-4	Trichlorofluoromethane	**0.93**	2.3	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.9**	4.5	2.8	0.98	**J**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.67	**U**
76-13-1	Trichlorotrifluoroethane	**1.7**	2.4	0.76	0.34	**J**
75-15-0	Carbon Disulfide	**17**	4.5	2.4	0.71	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**6.6**	4.5	1.4	0.49	
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.2	**U**
110-54-3	n-Hexane	1.4	2.3	1.4	0.49	**U**
67-66-3	Chloroform	**0.60**	2.4	0.76	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**5.6**	4.5	0.76	0.30	
107-06-2	1,2-Dichloroethane	0.76	2.3	0.76	0.26	**U**
71-43-2	Benzene	**1.6**	2.3	0.76	0.34	**J**
56-23-5	Carbon Tetrachloride	**1.0**	2.3	0.76	0.33	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-350-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-020

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01315

Initial Pressure (psig): -3.21 Final Pressure (psig): 5.71

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.5	4.5	1.5	0.67	**U**
75-27-4	Bromodichloromethane	0.76	2.3	0.76	0.34	**U**
79-01-6	Trichloroethene	**3.6**	2.3	0.76	0.32	
123-91-1	1,4-Dioxane	0.76	2.3	0.76	0.28	**U**
142-82-5	n-Heptane	1.4	2.3	1.4	0.38	**U**
108-10-1	4-Methyl-2-pentanone	0.76	4.5	0.76	0.32	**U**
108-88-3	Toluene	**5.1**	2.3	0.76	0.29	
591-78-6	2-Hexanone	**0.61**	4.5	0.76	0.29	**J**
124-48-1	Dibromochloromethane	0.76	2.3	0.76	0.31	**U**
106-93-4	1,2-Dibromoethane	0.76	2.3	0.76	0.28	**U**
127-18-4	Tetrachloroethene	**1.6**	2.3	0.76	0.31	**J**
100-41-4	Ethylbenzene	**0.77**	2.3	0.76	0.33	**J**
179601-23-1	m,p-Xylenes	**3.7**	4.5	1.5	0.62	**J**
75-25-2	Bromoform	1.4	2.4	1.4	0.49	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**1.2**	2.4	0.76	0.34	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.4**	2.4	0.76	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.8**	2.3	0.76	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.5	1.4	0.58	**U**
91-20-3	Naphthalene	**1.7**	2.3	1.4	0.58	**J**
1330-20-7	Xylenes, Total	**4.9**	4.5	1.5	0.62	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-612** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-021

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01343

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.85

Container Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**34**	43	27	11	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	27	43	27	7.3	**U**
74-87-3	Chloromethane	**31**	43	27	7.2	**J**
75-01-4	Vinyl Chloride	**5.1**	44	14	4.8	**J**
106-99-0	1,3-Butadiene	27	43	27	7.3	**U**
75-00-3	Chloroethane	27	43	27	5.5	**U**
64-17-5	Ethanol	**45**	440	69	31	**J**
67-64-1	Acetone	230	430	230	100	**U**
75-69-4	Trichlorofluoromethane	27	43	27	6.8	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**33**	84	53	18	**J**
75-09-2	Methylene Chloride	27	43	27	13	**U**
76-13-1	Trichlorotrifluoroethane	14	44	14	6.3	**U**
75-15-0	Carbon Disulfide	**110**	84	45	13	
75-34-3	1,1-Dichloroethane	28	45	28	6.5	**U**
78-93-3	2-Butanone (MEK)	**83**	84	27	9.2	**J**
141-78-6	Ethyl Acetate	54	84	54	23	**U**
110-54-3	n-Hexane	**320**	43	27	9.2	
67-66-3	Chloroform	14	44	14	5.9	**U**
109-99-9	Tetrahydrofuran (THF)	**21**	84	14	5.6	**J**
107-06-2	1,2-Dichloroethane	14	43	14	4.9	**U**
71-43-2	Benzene	**2,000**	43	14	6.4	
56-23-5	Carbon Tetrachloride	14	43	14	6.2	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-612** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-021

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.020 Liter(s)
Test Notes:
Container ID: 1SS01343

Initial Pressure (psig): -2.36 Final Pressure (psig): 5.85

Container Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**870**	84	28	13	
75-27-4	Bromodichloromethane	14	43	14	6.4	**U**
79-01-6	Trichloroethene	**18**	43	14	6.0	**J**
123-91-1	1,4-Dioxane	14	43	14	5.3	**U**
142-82-5	n-Heptane	**130**	43	27	7.1	
108-10-1	4-Methyl-2-pentanone	**19**	84	14	6.1	**J**
108-88-3	Toluene	**1,300**	43	14	5.4	
591-78-6	2-Hexanone	14	84	14	5.5	**U**
124-48-1	Dibromochloromethane	14	43	14	5.8	**U**
106-93-4	1,2-Dibromoethane	14	43	14	5.2	**U**
127-18-4	Tetrachloroethene	14	43	14	5.8	**U**
100-41-4	Ethylbenzene	**62**	43	14	6.3	
179601-23-1	m,p-Xylenes	**160**	84	28	12	
75-25-2	Bromoform	27	44	27	9.2	**U**
100-42-5	Styrene	27	43	27	7.2	**U**
95-47-6	o-Xylene	**45**	44	14	6.4	
108-67-8	1,3,5-Trimethylbenzene	**12**	44	14	6.4	**J**
95-63-6	1,2,4-Trimethylbenzene	**30**	43	14	6.2	**J**
120-82-1	1,2,4-Trichlorobenzene	27	84	27	11	**U**
91-20-3	Naphthalene	26	43	26	11	**U**
1330-20-7	Xylenes, Total	**200**	84	28	12	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01209

Initial Pressure (psig): -4.63 Final Pressure (psig): 5.98

Container Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**150**	110	66	27	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**24**	110	66	18	**J**
74-87-3	Chloromethane	**27**	110	66	18	**J**
75-01-4	Vinyl Chloride	35	110	35	12	**U**
106-99-0	1,3-Butadiene	66	110	66	18	**U**
75-00-3	Chloroethane	66	110	66	14	**U**
64-17-5	Ethanol	**990**	1,100	170	76	**J**
67-64-1	Acetone	550	1,100	550	250	**U**
75-69-4	Trichlorofluoromethane	66	100	66	17	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**80**	210	130	45	**J**
75-09-2	Methylene Chloride	**67**	110	66	31	**J**
76-13-1	Trichlorotrifluoroethane	**65**	110	35	16	**J**
75-15-0	Carbon Disulfide	**94**	210	110	33	**J**
75-34-3	1,1-Dichloroethane	68	110	68	16	**U**
78-93-3	2-Butanone (MEK)	**66**	210	66	23	**J**
141-78-6	Ethyl Acetate	130	210	130	57	**U**
110-54-3	n-Hexane	**350**	110	66	23	
67-66-3	Chloroform	35	110	35	15	**U**
109-99-9	Tetrahydrofuran (THF)	**20**	210	35	14	**J**
107-06-2	1,2-Dichloroethane	35	110	35	12	**U**
71-43-2	Benzene	**2,600**	110	35	16	
56-23-5	Carbon Tetrachloride	35	100	35	15	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV130-450-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01209

Initial Pressure (psig): -4.63 Final Pressure (psig): 5.98

Container Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,300**	210	70	31	
75-27-4	Bromodichloromethane	35	110	35	16	**U**
79-01-6	Trichloroethene	**19**	100	35	15	**J**
123-91-1	1,4-Dioxane	35	110	35	13	**U**
142-82-5	n-Heptane	**200**	110	66	17	
108-10-1	4-Methyl-2-pentanone	35	210	35	15	**U**
108-88-3	Toluene	**1,300**	110	35	13	
591-78-6	2-Hexanone	35	210	35	14	**U**
124-48-1	Dibromochloromethane	35	110	35	14	**U**
106-93-4	1,2-Dibromoethane	35	110	35	13	**U**
127-18-4	Tetrachloroethene	**17**	110	35	14	**J**
100-41-4	Ethylbenzene	**59**	110	35	15	**J**
179601-23-1	m,p-Xylenes	**170**	210	70	29	**J**
75-25-2	Bromoform	66	110	66	23	**U**
100-42-5	Styrene	66	110	66	18	**U**
95-47-6	o-Xylene	**66**	110	35	16	**J**
108-67-8	1,3,5-Trimethylbenzene	**19**	110	35	16	**J**
95-63-6	1,2,4-Trimethylbenzene	**19**	110	35	15	**J**
120-82-1	1,2,4-Trichlorobenzene	66	210	66	27	**U**
91-20-3	Naphthalene	64	110	64	27	**U**
1330-20-7	Xylenes, Total	**240**	210	70	29	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-102-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01204

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.82

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8,100**		21,000	13,000	5,100	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)		13,000	21,000	13,000	3,400	**U**
74-87-3	Chloromethane		13,000	21,000	13,000	3,400	**U**
75-01-4	Vinyl Chloride		6,700	21,000	6,700	2,300	**U**
106-99-0	1,3-Butadiene		13,000	21,000	13,000	3,500	**U**
75-00-3	Chloroethane		13,000	21,000	13,000	2,600	**U**
64-17-5	Ethanol	**120,000**		210,000	33,000	15,000	**J**
67-64-1	Acetone	**2,300,000**		210,000	110,000	48,000	
75-69-4	Trichlorofluoromethane		13,000	20,000	13,000	3,200	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**130,000**		40,000	25,000	8,700	
75-09-2	Methylene Chloride		13,000	21,000	13,000	5,900	**U**
76-13-1	Trichlorotrifluoroethane		6,700	21,000	6,700	3,000	**U**
75-15-0	Carbon Disulfide		21,000	40,000	21,000	6,300	**U**
75-34-3	1,1-Dichloroethane		13,000	21,000	13,000	3,100	**U**
78-93-3	2-Butanone (MEK)	**300,000**		40,000	13,000	4,400	
141-78-6	Ethyl Acetate		26,000	40,000	26,000	11,000	**U**
110-54-3	n-Hexane	**3,700,000**		21,000	13,000	4,400	
67-66-3	Chloroform		6,700	21,000	6,700	2,800	**U**
109-99-9	Tetrahydrofuran (THF)		6,700	40,000	6,700	2,700	**U**
107-06-2	1,2-Dichloroethane		6,700	21,000	6,700	2,300	**U**
71-43-2	Benzene	**950,000**		21,000	6,700	3,000	
56-23-5	Carbon Tetrachloride		6,700	20,000	6,700	2,900	**U**

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V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-102-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01204

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.82

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,700,000**		40,000	13,000	5,900	
75-27-4	Bromodichloromethane		6,700	21,000	6,700	3,000	**U**
79-01-6	Trichloroethene		6,700	20,000	6,700	2,900	**U**
123-91-1	1,4-Dioxane		6,700	21,000	6,700	2,500	**U**
142-82-5	n-Heptane	**1,400,000**		21,000	13,000	3,400	
108-10-1	4-Methyl-2-pentanone	**5,400**		40,000	6,700	2,900	**J**
108-88-3	Toluene	**830,000**		21,000	6,700	2,600	
591-78-6	2-Hexanone		6,700	40,000	6,700	2,600	**U**
124-48-1	Dibromochloromethane		6,700	21,000	6,700	2,800	**U**
106-93-4	1,2-Dibromoethane		6,700	21,000	6,700	2,500	**U**
127-18-4	Tetrachloroethene		6,700	21,000	6,700	2,700	**U**
100-41-4	Ethylbenzene	**70,000**		21,000	6,700	3,000	
179601-23-1	m,p-Xylenes	**110,000**		40,000	13,000	5,500	
75-25-2	Bromoform		13,000	21,000	13,000	4,400	**U**
100-42-5	Styrene		13,000	21,000	13,000	3,400	**U**
95-47-6	o-Xylene	**36,000**		21,000	6,700	3,000	
108-67-8	1,3,5-Trimethylbenzene	**11,000**		21,000	6,700	3,000	**J**
95-63-6	1,2,4-Trimethylbenzene	**32,000**		21,000	6,700	2,900	
120-82-1	1,2,4-Trichlorobenzene		13,000	40,000	13,000	5,100	**U**
91-20-3	Naphthalene		12,000	21,000	12,000	5,100	**U**
1330-20-7	Xylenes, Total	**140,000**		40,000	13,000	5,500	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-113-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01346

Initial Pressure (psig): -4.46 Final Pressure (psig): 5.75

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**6,400**		21,000	13,000	5,200	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)		13,000	21,000	13,000	3,500	**U**
74-87-3	Chloromethane		13,000	21,000	13,000	3,400	**U**
75-01-4	Vinyl Chloride		6,800	21,000	6,800	2,300	**U**
106-99-0	1,3-Butadiene		13,000	21,000	13,000	3,500	**U**
75-00-3	Chloroethane		13,000	21,000	13,000	2,600	**U**
64-17-5	Ethanol	**91,000**		210,000	33,000	15,000	**J**
67-64-1	Acetone	**1,700,000**		210,000	110,000	48,000	
75-69-4	Trichlorofluoromethane		13,000	20,000	13,000	3,200	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**98,000**		40,000	25,000	8,800	
75-09-2	Methylene Chloride		13,000	21,000	13,000	6,000	**U**
76-13-1	Trichlorotrifluoroethane		6,800	21,000	6,800	3,000	**U**
75-15-0	Carbon Disulfide		22,000	40,000	22,000	6,400	**U**
75-34-3	1,1-Dichloroethane		13,000	22,000	13,000	3,100	**U**
78-93-3	2-Butanone (MEK)	**230,000**		40,000	13,000	4,400	
141-78-6	Ethyl Acetate		26,000	40,000	26,000	11,000	**U**
110-54-3	n-Hexane	**3,100,000**		21,000	13,000	4,400	
67-66-3	Chloroform		6,800	21,000	6,800	2,800	**U**
109-99-9	Tetrahydrofuran (THF)		6,800	40,000	6,800	2,700	**U**
107-06-2	1,2-Dichloroethane		6,800	21,000	6,800	2,400	**U**
71-43-2	Benzene	**720,000**		21,000	6,800	3,100	
56-23-5	Carbon Tetrachloride		6,800	20,000	6,800	3,000	**U**

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V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-113-212** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102340-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes:
Container ID: 1SS01346

Initial Pressure (psig): -4.46 Final Pressure (psig): 5.75

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,100,000**		40,000	14,000	6,000	
75-27-4	Bromodichloromethane		6,800	21,000	6,800	3,100	**U**
79-01-6	Trichloroethene		6,800	20,000	6,800	2,900	**U**
123-91-1	1,4-Dioxane		6,800	21,000	6,800	2,500	**U**
142-82-5	n-Heptane	**1,200,000**		21,000	13,000	3,400	
108-10-1	4-Methyl-2-pentanone		6,800	40,000	6,800	2,900	**U**
108-88-3	Toluene	**690,000**		21,000	6,800	2,600	
591-78-6	2-Hexanone		6,800	40,000	6,800	2,600	**U**
124-48-1	Dibromochloromethane		6,800	21,000	6,800	2,800	**U**
106-93-4	1,2-Dibromoethane		6,800	21,000	6,800	2,500	**U**
127-18-4	Tetrachloroethene		6,800	21,000	6,800	2,800	**U**
100-41-4	Ethylbenzene	**45,000**		21,000	6,800	3,000	
179601-23-1	m,p-Xylenes	**69,000**		40,000	14,000	5,600	
75-25-2	Bromoform		13,000	21,000	13,000	4,400	**U**
100-42-5	Styrene		13,000	21,000	13,000	3,400	**U**
95-47-6	o-Xylene	**21,000**		21,000	6,800	3,100	**J**
108-67-8	1,3,5-Trimethylbenzene	**5,500**		21,000	6,800	3,100	**J**
95-63-6	1,2,4-Trimethylbenzene	**17,000**		21,000	6,800	3,000	**J**
120-82-1	1,2,4-Trichlorobenzene		13,000	40,000	13,000	5,200	**U**
91-20-3	Naphthalene		12,000	21,000	12,000	5,200	**U**
1330-20-7	Xylenes, Total	**90,000**		40,000	14,000	5,600	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	**0.22**	1.0	0.54	0.16	**J**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	**0.35**	1.0	0.54	0.16	**J**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102340

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao Date(s) Received: 4/23/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/13 - 6/3/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210513-MB	**93**	**104**	**106**	70-130	
Method Blank	P210513-MB	**94**	**103**	**104**	70-130	
Method Blank	P210514-MB	**94**	**105**	**104**	70-130	
Method Blank	P210603-MB	**104**	**103**	**97**	70-130	
Lab Control Sample	P210513-LCS	**91**	**100**	**106**	70-130	
Lab Control Sample	P210513-LCS	**91**	**100**	**103**	70-130	
Lab Control Sample	P210514-LCS	**91**	**101**	**104**	70-130	
Lab Control Sample	P210603-LCS	**105**	**97**	**95**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**91**	**100**	**105**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**92**	**101**	**104**	70-130	
Duplicate Lab Control Sample	P210514-DLCS	**91**	**101**	**103**	70-130	
Duplicate Lab Control Sample	P210603-DLCS	**103**	**98**	**96**	70-130	
SV119-250-212	P2102340-001	**90**	**98**	**109**	70-130	
SV119-350-212	P2102340-002	**90**	**99**	**104**	70-130	
SV119-450-212	P2102340-003	**92**	**94**	**99**	70-130	
SV126-025-212	P2102340-004	**95**	**103**	**104**	70-130	
SV126-050-212	P2102340-005	**95**	**102**	**102**	70-130	
SV126-150-212	P2102340-006	**96**	**102**	**102**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102340

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao Date(s) Received: 4/23/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/13 - 6/3/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV126-250-212	P2102340-007	**96**	**103**	**103**	70-130	
SV126-350-212	P2102340-008	**93**	**104**	**101**	70-130	
SV126-450-212	P2102340-009	**94**	**104**	**102**	70-130	
SV129-025-212	P2102340-010	**94**	**104**	**104**	70-130	
SV129-050-212	P2102340-011	**94**	**104**	**103**	70-130	
SV129-150-212	P2102340-012	**95**	**104**	**103**	70-130	
SV129-250-212	P2102340-013	**95**	**105**	**104**	70-130	
SV129-350-212	P2102340-014	**94**	**104**	**103**	70-130	
SV129-450-212	P2102340-015	**89**	**102**	**107**	70-130	
SV130-025-212	P2102340-016	**93**	**104**	**104**	70-130	
SV130-050-212	P2102340-017	**94**	**104**	**104**	70-130	
SV130-150-212	P2102340-018	**93**	**103**	**106**	70-130	
SV130-250-212	P2102340-019	**92**	**103**	**106**	70-130	
SV130-350-212	P2102340-020	**93**	**103**	**104**	70-130	
SV130-450-612	P2102340-021	**92**	**95**	**99**	70-130	
SV130-450-212	P2102340-022	**91**	**102**	**103**	70-130	
SV1-102-212	P2102340-023	**93**	**104**	**105**	70-130	
SV1-113-212	P2102340-024	**93**	**104**	**105**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	156	156	**74**	**74**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	168	169	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	206	178	178	**86**	**86**	59-132	0	25	
75-01-4	Vinyl Chloride	208	183	187	**88**	**90**	64-127	2	25	
106-99-0	1,3-Butadiene	210	197	204	**94**	**97**	66-134	3	25	
75-00-3	Chloroethane	204	186	189	**91**	**93**	63-127	2	25	
64-17-5	Ethanol	998	778	804	**78**	**81**	59-125	4	25	
67-64-1	Acetone	1,030	813	829	**79**	**80**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	169	170	**83**	**83**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	315	326	**77**	**80**	52-125	4	25	
75-09-2	Methylene Chloride	208	177	180	**85**	**87**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	184	187	**86**	**87**	66-126	1	25	
75-15-0	Carbon Disulfide	428	371	377	**87**	**88**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	170	174	**80**	**82**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	359	367	**87**	**89**	67-130	2	25	
141-78-6	Ethyl Acetate	422	464	476	**110**	**113**	65-128	3	25	
110-54-3	n-Hexane	212	159	163	**75**	**77**	63-120	3	25	
67-66-3	Chloroform	214	175	177	**82**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	331	334	**83**	**84**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	170	174	**82**	**84**	65-128	2	25	
71-43-2	Benzene	204	153	156	**75**	**76**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	178	180	**85**	**86**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	360	364	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	210	181	182	**86**	**87**	72-128	1	25	
79-01-6	Trichloroethene	206	181	183	**88**	**89**	71-123	1	25	
123-91-1	1,4-Dioxane	208	170	172	**82**	**83**	71-122	1	25	
142-82-5	n-Heptane	210	178	180	**85**	**86**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	368	375	**88**	**90**	67-130	2	25	
108-88-3	Toluene	206	172	174	**83**	**84**	66-119	1	25	
591-78-6	2-Hexanone	404	340	347	**84**	**86**	62-128	2	25	
124-48-1	Dibromochloromethane	210	208	207	**99**	**99**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	202	203	**97**	**98**	74-122	1	25	
127-18-4	Tetrachloroethene	206	183	183	**89**	**89**	66-124	0	25	
100-41-4	Ethylbenzene	206	182	182	**88**	**88**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	362	364	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	208	217	216	**104**	**104**	66-139	0	25	
100-42-5	Styrene	206	178	179	**86**	**87**	73-127	1	25	
95-47-6	o-Xylene	206	180	181	**87**	**88**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	184	183	**89**	**89**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	186	186	**91**	**91**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	385	382	**99**	**98**	55-142	1	25	
91-20-3	Naphthalene	198	204	203	**103**	**103**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	161	161	**77**	**77**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	168	169	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	206	189	182	**92**	**88**	59-132	4	25	
75-01-4	Vinyl Chloride	208	187	189	**90**	**91**	64-127	1	25	
106-99-0	1,3-Butadiene	210	205	206	**98**	**98**	66-134	0	25	
75-00-3	Chloroethane	204	193	194	**95**	**95**	63-127	0	25	
64-17-5	Ethanol	998	822	834	**82**	**84**	59-125	2	25	
67-64-1	Acetone	1,030	842	849	**82**	**82**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	169	171	**83**	**84**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	328	332	**80**	**81**	52-125	1	25	
75-09-2	Methylene Chloride	208	181	183	**87**	**88**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	184	185	**86**	**86**	66-126	0	25	
75-15-0	Carbon Disulfide	428	377	382	**88**	**89**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	174	177	**82**	**83**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	366	371	**89**	**90**	67-130	1	25	
141-78-6	Ethyl Acetate	422	477	486	**113**	**115**	65-128	2	25	
110-54-3	n-Hexane	212	163	166	**77**	**78**	63-120	1	25	
67-66-3	Chloroform	214	176	178	**82**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	336	342	**84**	**86**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	171	174	**82**	**84**	65-128	2	25	
71-43-2	Benzene	204	155	157	**76**	**77**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	176	178	**84**	**85**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	363	367	**87**	**88**	70-117	1	25	
75-27-4	Bromodichloromethane	210	180	183	**86**	**87**	72-128	1	25	
79-01-6	Trichloroethene	206	180	183	**87**	**89**	71-123	2	25	
123-91-1	1,4-Dioxane	208	170	172	**82**	**83**	71-122	1	25	
142-82-5	n-Heptane	210	180	182	**86**	**87**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	373	380	**90**	**91**	67-130	1	25	
108-88-3	Toluene	206	170	174	**83**	**84**	66-119	1	25	
591-78-6	2-Hexanone	404	343	351	**85**	**87**	62-128	2	25	
124-48-1	Dibromochloromethane	210	202	206	**96**	**98**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	198	202	**95**	**97**	74-122	2	25	
127-18-4	Tetrachloroethene	206	177	180	**86**	**87**	66-124	1	25	
100-41-4	Ethylbenzene	206	179	182	**87**	**88**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	356	363	**86**	**88**	61-134	2	25	
75-25-2	Bromoform	208	209	214	**100**	**103**	66-139	3	25	
100-42-5	Styrene	206	175	178	**85**	**86**	73-127	1	25	
95-47-6	o-Xylene	206	177	180	**86**	**87**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	179	181	**87**	**88**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	181	184	**89**	**90**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	366	373	**94**	**96**	55-142	2	25	
91-20-3	Naphthalene	198	195	199	**98**	**101**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	162	157	**77**	**75**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	170	167	**81**	**80**	59-128	1	25	
74-87-3	Chloromethane	206	185	180	**90**	**87**	59-132	3	25	
75-01-4	Vinyl Chloride	208	188	187	**90**	**90**	64-127	0	25	
106-99-0	1,3-Butadiene	210	211	209	**100**	**100**	66-134	0	25	
75-00-3	Chloroethane	204	193	191	**95**	**94**	63-127	1	25	
64-17-5	Ethanol	998	818	815	**82**	**82**	59-125	0	25	
67-64-1	Acetone	1,030	841	842	**82**	**82**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	169	169	**83**	**83**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	325	328	**80**	**80**	52-125	0	25	
75-09-2	Methylene Chloride	208	182	180	**88**	**87**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	185	185	**86**	**86**	66-126	0	25	
75-15-0	Carbon Disulfide	428	377	376	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	175	174	**83**	**82**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	367	367	**89**	**89**	67-130	0	25	
141-78-6	Ethyl Acetate	422	474	476	**112**	**113**	65-128	0.9	25	
110-54-3	n-Hexane	212	161	163	**76**	**77**	63-120	1	25	
67-66-3	Chloroform	214	177	177	**83**	**83**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	337	337	**84**	**84**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	171	172	**82**	**83**	65-128	1	25	
71-43-2	Benzene	204	155	155	**76**	**76**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	177	175	**84**	**83**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	363	363	**87**	**87**	70-117	0	25	
75-27-4	Bromodichloromethane	210	181	181	**86**	**86**	72-128	0	25	
79-01-6	Trichloroethene	206	181	181	**88**	**88**	71-123	0	25	
123-91-1	1,4-Dioxane	208	170	170	**82**	**82**	71-122	0	25	
142-82-5	n-Heptane	210	180	180	**86**	**86**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	371	373	**89**	**90**	67-130	1	25	
108-88-3	Toluene	206	173	173	**84**	**84**	66-119	0	25	
591-78-6	2-Hexanone	404	344	348	**85**	**86**	62-128	1	25	
124-48-1	Dibromochloromethane	210	206	205	**98**	**98**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	202	201	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	206	182	181	**88**	**88**	66-124	0	25	
100-41-4	Ethylbenzene	206	182	182	**88**	**88**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	362	363	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	208	213	214	**102**	**103**	66-139	1	25	
100-42-5	Styrene	206	178	178	**86**	**86**	73-127	0	25	
95-47-6	o-Xylene	206	180	180	**87**	**87**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	182	182	**88**	**88**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	184	185	**90**	**91**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	371	374	**96**	**96**	55-142	0	25	
91-20-3	Naphthalene	198	197	200	**99**	**101**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	206	203	**98**	**97**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	206	205	**98**	**98**	59-128	0	25	
74-87-3	Chloromethane	206	237	230	**115**	**112**	59-132	3	25	
75-01-4	Vinyl Chloride	208	218	219	**105**	**105**	64-127	0	25	
106-99-0	1,3-Butadiene	210	232	234	**110**	**111**	66-134	0.9	25	
75-00-3	Chloroethane	204	215	214	**105**	**105**	63-127	0	25	
64-17-5	Ethanol	998	986	985	**99**	**99**	59-125	0	25	
67-64-1	Acetone	1,030	1050	1050	**102**	**102**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	203	204	**100**	**100**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	449	450	**110**	**110**	52-125	0	25	
75-09-2	Methylene Chloride	208	210	211	**101**	**101**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	203	207	**95**	**97**	66-126	2	25	
75-15-0	Carbon Disulfide	428	427	427	**100**	**100**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	215	216	**101**	**102**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	429	430	**104**	**104**	67-130	0	25	
141-78-6	Ethyl Acetate	422	571	575	**135**	**136**	65-128	0.7	25	**L**
110-54-3	n-Hexane	212	211	213	**100**	**100**	63-120	0	25	
67-66-3	Chloroform	214	209	210	**98**	**98**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	398	400	**100**	**100**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	215	216	**103**	**104**	65-128	1	25	
71-43-2	Benzene	204	196	197	**96**	**97**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	206	208	**98**	**99**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210603-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	410	414	**99**	**100**	70-117	1	25	
75-27-4	Bromodichloromethane	210	209	211	**100**	**100**	72-128	0	25	
79-01-6	Trichloroethene	206	196	198	**95**	**96**	71-123	1	25	
123-91-1	1,4-Dioxane	208	218	221	**105**	**106**	71-122	0.9	25	
142-82-5	n-Heptane	210	207	209	**99**	**100**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	445	448	**107**	**108**	67-130	0.9	25	
108-88-3	Toluene	206	191	195	**93**	**95**	66-119	2	25	
591-78-6	2-Hexanone	404	439	448	**109**	**111**	62-128	2	25	
124-48-1	Dibromochloromethane	210	210	214	**100**	**102**	70-130	2	25	
106-93-4	1,2-Dibromoethane	208	203	208	**98**	**100**	74-122	2	25	
127-18-4	Tetrachloroethene	206	189	195	**92**	**95**	66-124	3	25	
100-41-4	Ethylbenzene	206	192	196	**93**	**95**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	388	395	**94**	**96**	61-134	2	25	
75-25-2	Bromoform	208	206	213	**99**	**102**	66-139	3	25	
100-42-5	Styrene	206	197	202	**96**	**98**	73-127	2	25	
95-47-6	o-Xylene	206	195	198	**95**	**96**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	195	199	**95**	**97**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	193	197	**95**	**97**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	416	430	**107**	**111**	55-142	4	25	
91-20-3	Naphthalene	198	229	234	**116**	**118**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05132101.D
Analyst: Simon Cao Date Analyzed: 5/12/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 23:20
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	158267		9.15	709725		11.11		362434		15.45	
	Upper Limit	221574		9.48	993615		11.44		507408		15.78	
	Lower Limit	94960		8.82	425835		10.78		217460		15.12	
	Client Sample ID											
01	Method Blank	143496		9.12	645479		11.10		319214		15.44	
02	Lab Control Sample	149287		9.15	666656		11.11		338188		15.45	
03	Duplicate Lab Control Sample	151147		9.15	677593		11.11		345475		15.45	
04	SV119-250-212	132557		9.13	590454		11.10		293581		15.45	
05	SV119-350-212	148176		9.12	660324		11.10		330704		15.45	
06	SV119-450-212	143641		9.13	650359		11.10		343305		15.45	
07	SV126-025-212	151983		9.12	690033		11.10		349697		15.44	
08	SV126-050-212	155878		9.13	702724		11.10		358977		15.45	
09	SV126-150-212	157461		9.13	711094		11.10		363476		15.45	
10	SV126-250-212	157625		9.13	711905		11.10		361742		15.45	
11	SV126-450-212	163459		9.13	734591		11.10		366986		15.45	
12	SV126-350-212	159671		9.13	713971		11.10		355161		15.44	
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05132133.D
Analyst: Simon Cao Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 19:34
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	166819	9.15	750920	11.11	385882	15.45
	Upper Limit	233547	9.48	1051288	11.44	540235	15.78
	Lower Limit	100091	8.82	450552	10.78	231529	15.12
	Client Sample ID						
01	Method Blank	152820	9.12	689636	11.10	346375	15.44
02	Lab Control Sample	159355	9.15	714571	11.11	366117	15.45
03	Duplicate Lab Control Sample	157814	9.15	708724	11.11	361920	15.45
04	SV129-450-212	139841	9.12	617446	11.10	301113	15.45
05	SV130-025-212	153382	9.12	690643	11.10	345482	15.44
06	SV130-050-212	155709	9.12	699362	11.10	349973	15.44
07	SV129-025-212	154951	9.12	700656	11.10	348471	15.44
08	SV129-050-212	154557	9.12	691565	11.10	347315	15.44
09	SV129-150-212	153071	9.12	694126	11.10	345985	15.44
10	SV129-250-212	154745	9.12	700183	11.10	346503	15.45
11	SV129-350-212	158542	9.12	711922	11.10	355192	15.44
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20							

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05142101.D
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 07:38
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	168384		9.15	755922		11.11		384401		15.45	
	Upper Limit	235738		9.48	1058291		11.44		538161		15.78	
	Lower Limit	101030		8.82	453553		10.78		230641		15.12	
	Client Sample ID											
01	Method Blank	152548		9.12	685169		11.09		338761		15.44	
02	Lab Control Sample	158866		9.15	711714		11.11		360828		15.45	
03	Duplicate Lab Control Sample	158433		9.15	712326		11.11		360454		15.45	
04	SV1-102-212	158690		9.13	715519		11.10		353468		15.45	
05	SV130-250-212	159992		9.13	712333		11.10		357904		15.44	
06	SV130-350-212	155753		9.12	698824		11.10		352925		15.45	
07	SV130-450-612	159743		9.13	715878		11.10		370201		15.45	
08	SV130-150-212	151767		9.13	687107		11.10		347023		15.44	
09	SV1-113-212	160513		9.13	724036		11.10		359070		15.45	
10	SV130-450-212	159647		9.12	711995		11.10		357502		15.45	
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102340
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 06032101.D
Analyst: Simon Cao Date Analyzed: 6/3/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 00:14
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	116738		9.32	504065		11.29		253258		15.63	
	Upper Limit	163433		9.65	705691		11.62		354561		15.96	
	Lower Limit	70043		8.99	302439		10.96		151955		15.30	
	Client Sample ID											
01	Method Blank	103142		9.29	451487		11.27		212597		15.63	
02	Lab Control Sample	108054		9.32	467904		11.29		234153		15.63	
03	Duplicate Lab Control Sample	109712		9.33	474638		11.29		234912		15.63	
04	SV126-050-212 (Dilution)	113379		9.29	485570		11.27		225194		15.63	
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Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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LABORATORY REPORT

May 25, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 23, 2021. For your reference, these analyses have been assigned our service request number P2102356.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 2:42 pm, May 25, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102356
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 23, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recovery of ethyl acetate for the Laboratory Control Sample (LCS) analyzed on May 17, 2021 was outside the DoD specified upper control criterion. The error associated with reduced recovery equates to a potential high bias. However, the spike recovery of the analyte in question was within laboratory control/method criteria; therefore, no further corrective action was taken.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102356
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/23/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV1-160-212	P2102356-001	Air	4/20/2021	13:52	1SS01338	-4.54	5.39	X
SV1-217-212	P2102356-002	Air	4/20/2021	13:55	1SS01322	-4.85	5.43	X
SV1-252-212	P2102356-003	Air	4/20/2021	13:59	1SS00906	-4.44	5.55	X
SV1-263-212	P2102356-004	Air	4/20/2021	14:05	1SS01312	-4.32	5.44	X
SV2-102-212	P2102356-005	Air	4/20/2021	11:35	1SS01205	-5.09	5.49	X
SV2-117-212	P2102356-006	Air	4/20/2021	11:42	1SS01323	-4.71	5.29	X
SV2-160-212	P2102356-007	Air	4/20/2021	11:48	1SS01151	-4.09	5.81	X
SV2-217-212	P2102356-008	Air	4/20/2021	11:56	1SS01319	-3.42	5.72	X
SV2-252-212	P2102356-009	Air	4/20/2021	12:03	1SS01200	-0.36	5.26	X
SV2-270-212	P2102356-010	Air	4/20/2021	12:08	1SS01318	-4.82	6.06	X
SVE01-260-212	P2102356-011	Air	4/20/2021	09:25	1SS01278	-3.83	5.36	X
SVE02-060-212	P2102356-012	Air	4/20/2021	09:47	1SC00470	-3.29	5.72	X
SVE03-160-212	P2102356-013	Air	4/20/2021	09:58	1SC00125	-4.02	5.93	X
SVE04-313-212	P2102356-014	Air	4/20/2021	10:15	1SS00110	-3.75	5.49	X
SVE05-460-212	P2102356-015	Air	4/20/2021	10:23	1SS01310	-4.19	5.28	X
SVE10-410-612	P2102356-016	Air	4/19/2021	09:01	1SS01268	-4.66	5.34	X
SVE10-410-212	P2102356-017	Air	4/19/2021	09:01	1SS01227	-3.52	5.39	X
SVE11-410-212	P2102356-018	Air	4/20/2021	08:18	1SS01283	-3.15	5.21	X
SVE11-410-612	P2102356-019	Air	4/20/2021	08:18	1SS00989	-4.14	5.21	X
SVE13-410-212	P2102356-020	Air	4/19/2021	14:55	1SS01193	-3.30	5.41	X

P2102356

Air - Chain of Custody Record & Analytical Service Request

Page 5 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-03

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No.

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC, 225 Schilling Circle Suite 400, Hunt Valley, MD, (410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facilty

Project Number: 62735DM02

P.O. # / Billing Information: 17682

ALS Contact: Hayden Akers, 1 (805) 577-2088

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting: Tara Lamond:, Amanda Smith:, Pam Moss:

Sampler (Print & Sign): Tyler Curley

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV1-160-212	1	4/20/2021	13:52	1SS01338	NA	-25.0	-5.0	1L	X	None
SV1-217-212	2	4/20/2021	13:55	1SS01322	NA	-25.0	-4.5	1L	X	None
SV1-252-212	3	4/20/2021	13:59	1SS00906	NA	-26.0	-5.0	1L	X	None
SV1-263-212	4	4/20/2021	14:05	1SS01312	NA	-26.0	-4.5	1L	X	None
SV2-102-212	5	4/20/2021	11:35	1SS01205	NA	-23.0	-5.0	1L	X	None
SV2-117-212	6	4/20/2021	11:42	1SS01323	NA	-27.0	-6.0	1L	X	None
SV2-160-212	7	4/20/2021	11:48	1SS01151	NA	-26.0	-5.0	1L	X	None
SV2-217-212	8	4/20/2021	11:56	1SS01319	NA	-25.0	-3.5	1L	X	None
SV2-252-212	9	4/20/2021	12:03	1SS01200	NA	-25.5	-4.0	1L	X	None
SV2-270-212	10	4/20/2021	12:08	1SS01318	NA	-25.0	-5.0	1L	X	None

FedEX Tracking Number: 9749 9695 2272

Shipping information: Box number 4 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier II (Results + QC Summaries) ____ Tier III (Results + QC & Calibration Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

	Date	Time
Relinquished by: (Signature)	4-21-21	1130
Relinquished by: (Signature)		
Received by: (Signature)		
Received by: (Signature)	4/22/21	0730

Cooler / Blank Temperature NA °C

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PAO 2352

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-03

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No.

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Faciltiy
Project Number: 62735DM02
P.O. # / Billing Information: 17682

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting:
Tara Lamond:
Amanda Smith:
Pam Moss:

Sampler (Print & Sign): Tyler Curley

ALS Contact: Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SVE01-260-212	11	4/20/2021	09:25	1SS01278	NA	-24.5	-5.0	1L	X	None
SVE02-060-212	12	4/20/2021	09:47	1SC00470	NA	-26.0	-3.5	1L	X	None
SVE03-160-212	13	4/20/2021	09:58	1SC00125	NA	-23.5	-5.0	1L	X	None
SVE04-313-212	14	4/20/2021	10:15	1SS00110	NA	-24.0	-3.0	1L	X	None
SVE05-460-212	15	4/20/2021	10:23	1SS01310	NA	-24.0	-4.5	1L	X	None
SVE10-410-612	16	4/19/2021	09:01	1SS01268	NA	-23.0	-4.0	1L	X	None
SVE10-410-212	17	4/19/2021	09:01	1SS01227	NA	-25.0	-3.5	1L	X	None
SVE11-410-212	18	4/20/2021	08:18	1SS01283	NA	-26.0	-3.5	1L	X	None
SVE11-410-612	19	4/20/2021	08:18	1SS00989	NA	-22.5	-2.0	1L	X	None
SVE13-410-212	20	4/19/2021	14:55	1SS01193	NA	-25.0	-2.5	1L	X	None

FedEx Tracking Number: 9719 9695 2272

Shipping information: Box number 4 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-21-21	1130			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	4/22/21	0930

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102356

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102356-001.01	1.0 L Source Silonite Canister					
P2102356-002.01	1.0 L Source Silonite Canister					
P2102356-003.01	1.0 L Source Silonite Canister					
P2102356-004.01	1.0 L Source Silonite Canister					
P2102356-005.01	1.0 L Source Silonite Canister					
P2102356-006.01	1.0 L Source Silonite Canister					
P2102356-007.01	1.0 L Source Silonite Canister					
P2102356-008.01	1.0 L Source Silonite Canister					
P2102356-009.01	1.0 L Source Silonite Canister					
P2102356-010.01	1.0 L Source Silonite Canister					
P2102356-011.01	1.0 L Source Silonite Canister					
P2102356-012.01	1.0 L Source Can					
P2102356-013.01	1.0 L Source Can					
P2102356-014.01	1.0 L Source Silonite Canister					
P2102356-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102356

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: ADAVID

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102356-016.01	1.0 L Source Silonite Canister					
P2102356-017.01	1.0 L Source Silonite Canister					
P2102356-018.01	1.0 L Source Silonite Canister					
P2102356-019.01	1.0 L Source Silonite Canister					
P2102356-020.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01338

Initial Pressure (psig): -4.54 Final Pressure (psig): 5.39

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,600**		3,000	1,800	750	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		640	1,000	640	170	**U**
74-87-3	Chloromethane		1,500	2,500	1,500	410	**U**
75-01-4	Vinyl Chloride		660	2,100	660	220	**U**
106-99-0	1,3-Butadiene		1,400	2,300	1,400	390	**U**
75-00-3	Chloroethane		1,200	2,000	1,200	250	**U**
64-17-5	Ethanol	**35,000**		28,000	4,400	1,900	
67-64-1	Acetone	**470,000**		22,000	11,000	5,000	
75-69-4	Trichlorofluoromethane		560	900	560	140	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**66,000**		4,000	2,500	890	
75-09-2	Methylene Chloride		910	1,500	910	430	**U**
76-13-1	Trichlorotrifluoroethane		220	680	220	98	**U**
75-15-0	Carbon Disulfide	**800**		3,200	1,700	510	**J**
75-34-3	1,1-Dichloroethane		810	1,300	810	190	**U**
78-93-3	2-Butanone (MEK)	**12,000**		3,400	1,100	370	
141-78-6	Ethyl Acetate		1,800	2,700	1,800	770	**U**
110-54-3	n-Hexane	**64,000**		1,500	900	310	
67-66-3	Chloroform		340	1,100	340	140	**U**
109-99-9	Tetrahydrofuran (THF)		570	3,400	570	220	**U**
107-06-2	1,2-Dichloroethane		420	1,300	420	140	**U**
71-43-2	Benzene	**36,000**		1,600	530	240	
56-23-5	Carbon Tetrachloride		270	800	270	120	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01338

Initial Pressure (psig): -4.54 Final Pressure (psig): 5.39

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**170,000**		2,900	980	430	
75-27-4	Bromodichloromethane		250	770	250	110	**U**
79-01-6	Trichloroethene		310	940	310	130	**U**
123-91-1	1,4-Dioxane		470	1,400	470	170	**U**
142-82-5	n-Heptane	**250,000**		1,300	770	210	
108-10-1	4-Methyl-2-pentanone	**430**		2,400	410	180	**J**
108-88-3	Toluene	**190,000**		1,400	450	170	
591-78-6	2-Hexanone		410	2,400	410	160	**U**
124-48-1	Dibromochloromethane		200	600	200	81	**U**
106-93-4	1,2-Dibromoethane		220	670	220	80	**U**
127-18-4	Tetrachloroethene		250	760	250	100	**U**
100-41-4	Ethylbenzene	**30,000**		1,200	390	170	
179601-23-1	m,p-Xylenes	**54,000**		2,300	780	320	
75-25-2	Bromoform		310	510	310	110	**U**
100-42-5	Styrene		740	1,200	740	200	**U**
95-47-6	o-Xylene	**17,000**		1,200	390	180	
108-67-8	1,3,5-Trimethylbenzene	**2,300**		1,100	340	160	
95-63-6	1,2,4-Trimethylbenzene	**4,900**		1,000	340	150	
120-82-1	1,2,4-Trichlorobenzene		430	1,300	430	170	**U**
91-20-3	Naphthalene		590	980	590	250	**U**
1330-20-7	Xylenes, Total	**71,000**		2,300	780	320	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01322

Initial Pressure (psig): -4.85 Final Pressure (psig): 5.43

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,800**		10,000	6,300	2,600	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		2,200	3,600	2,200	600	**U**
74-87-3	Chloromethane		5,300	8,600	5,300	1,400	**U**
75-01-4	Vinyl Chloride		2,300	7,100	2,300	760	**U**
106-99-0	1,3-Butadiene		4,900	8,000	4,900	1,400	**U**
75-00-3	Chloroethane		4,100	6,700	4,100	850	**U**
64-17-5	Ethanol	**25,000**		96,000	15,000	6,700	**J**
67-64-1	Acetone	**770,000**		74,000	39,000	17,000	
75-69-4	Trichlorofluoromethane		1,900	3,100	1,900	490	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6,800**		14,000	8,700	3,000	**J**
75-09-2	Methylene Chloride		3,100	5,100	3,100	1,500	**U**
76-13-1	Trichlorotrifluoroethane		750	2,400	750	340	**U**
75-15-0	Carbon Disulfide	**2,400**		11,000	5,900	1,700	**J**
75-34-3	1,1-Dichloroethane		2,800	4,500	2,800	660	**U**
78-93-3	2-Butanone (MEK)	**38,000**		12,000	3,700	1,300	
141-78-6	Ethyl Acetate		6,100	9,400	6,100	2,600	**U**
110-54-3	n-Hexane	**770,000**		5,000	3,100	1,100	
67-66-3	Chloroform		1,200	3,700	1,200	490	**U**
109-99-9	Tetrahydrofuran (THF)		2,000	12,000	2,000	770	**U**
107-06-2	1,2-Dichloroethane		1,400	4,400	1,400	500	**U**
71-43-2	Benzene	**190,000**		5,500	1,800	820	
56-23-5	Carbon Tetrachloride		920	2,800	920	400	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01322

Initial Pressure (psig): -4.85 Final Pressure (psig): 5.43

Container Dilution Factor: 2.04

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**700,000**		9,900	3,400	1,500	
75-27-4	Bromodichloromethane		860	2,600	860	390	**U**
79-01-6	Trichloroethene		1,100	3,200	1,100	460	**U**
123-91-1	1,4-Dioxane		1,600	4,900	1,600	590	**U**
142-82-5	n-Heptane	**730,000**		4,300	2,700	710	
108-10-1	4-Methyl-2-pentanone		1,400	8,300	1,400	610	**U**
108-88-3	Toluene	**410,000**		4,700	1,500	590	
591-78-6	2-Hexanone		1,400	8,300	1,400	550	**U**
124-48-1	Dibromochloromethane		680	2,100	680	280	**U**
106-93-4	1,2-Dibromoethane		750	2,300	750	270	**U**
127-18-4	Tetrachloroethene		850	2,600	850	350	**U**
100-41-4	Ethylbenzene	**33,000**		4,100	1,300	590	
179601-23-1	m,p-Xylenes	**90,000**		7,800	2,700	1,100	
75-25-2	Bromoform		1,100	1,700	1,100	360	**U**
100-42-5	Styrene		2,600	4,200	2,600	690	**U**
95-47-6	o-Xylene	**26,000**		4,200	1,300	600	
108-67-8	1,3,5-Trimethylbenzene	**3,100**		3,700	1,200	530	**J**
95-63-6	1,2,4-Trimethylbenzene	**6,000**		3,600	1,200	510	
120-82-1	1,2,4-Trichlorobenzene		1,500	4,600	1,500	600	**U**
91-20-3	Naphthalene		2,000	3,400	2,000	840	**U**
1330-20-7	Xylenes, Total	**120,000**		7,800	2,700	1,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS00906

Initial Pressure (psig): -4.44 Final Pressure (psig): 5.55

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4,200**	15,000	9,200	3,700	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	3,200	5,200	3,200	870	**U**
74-87-3	Chloromethane	7,600	12,000	7,600	2,100	**U**
75-01-4	Vinyl Chloride	3,300	10,000	3,300	1,100	**U**
106-99-0	1,3-Butadiene	7,100	12,000	7,100	2,000	**U**
75-00-3	Chloroethane	6,000	9,700	6,000	1,200	**U**
64-17-5	Ethanol	**10,000**	140,000	22,000	9,700	**J**
67-64-1	Acetone	**250,000**	110,000	56,000	25,000	
75-69-4	Trichlorofluoromethane	2,800	4,500	2,800	710	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5,400**	20,000	13,000	4,400	**J**
75-09-2	Methylene Chloride	4,500	7,400	4,500	2,100	**U**
76-13-1	Trichlorotrifluoroethane	1,100	3,400	1,100	490	**U**
75-15-0	Carbon Disulfide	8,500	16,000	8,500	2,500	**U**
75-34-3	1,1-Dichloroethane	4,000	6,600	4,000	950	**U**
78-93-3	2-Butanone (MEK)	**40,000**	17,000	5,300	1,800	
141-78-6	Ethyl Acetate	8,900	14,000	8,900	3,800	**U**
110-54-3	n-Hexane	**38,000**	7,300	4,500	1,500	
67-66-3	Chloroform	1,700	5,300	1,700	720	**U**
109-99-9	Tetrahydrofuran (THF)	2,800	17,000	2,800	1,100	**U**
107-06-2	1,2-Dichloroethane	2,100	6,300	2,100	720	**U**
71-43-2	Benzene	**27,000**	8,000	2,600	1,200	
56-23-5	Carbon Tetrachloride	1,300	4,000	1,300	580	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS00906

Initial Pressure (psig): -4.44 Final Pressure (psig): 5.55

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**140,000**		14,000	4,900	2,100	
75-27-4	Bromodichloromethane		1,300	3,800	1,300	570	**U**
79-01-6	Trichloroethene		1,600	4,700	1,600	660	**U**
123-91-1	1,4-Dioxane		2,300	7,100	2,300	860	**U**
142-82-5	n-Heptane	**940,000**		6,300	3,800	1,000	
108-10-1	4-Methyl-2-pentanone	**2,700**		12,000	2,000	880	**J**
108-88-3	Toluene	**730,000**		6,800	2,200	850	
591-78-6	2-Hexanone		2,000	12,000	2,000	790	**U**
124-48-1	Dibromochloromethane		980	3,000	980	400	**U**
106-93-4	1,2-Dibromoethane		1,100	3,300	1,100	400	**U**
127-18-4	Tetrachloroethene		1,200	3,800	1,200	500	**U**
100-41-4	Ethylbenzene	**48,000**		5,900	1,900	850	
179601-23-1	m,p-Xylenes	**130,000**		11,000	3,900	1,600	
75-25-2	Bromoform		1,500	2,500	1,500	520	**U**
100-42-5	Styrene		3,700	6,000	3,700	1,000	**U**
95-47-6	o-Xylene	**35,000**		6,000	1,900	870	
108-67-8	1,3,5-Trimethylbenzene	**2,800**		5,300	1,700	770	**J**
95-63-6	1,2,4-Trimethylbenzene	**6,200**		5,200	1,700	740	
120-82-1	1,2,4-Trichlorobenzene		2,100	6,600	2,100	860	**U**
91-20-3	Naphthalene		2,900	4,900	2,900	1,200	**U**
1330-20-7	Xylenes, Total	**170,000**		11,000	3,900	1,600	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-263-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes: 0.000025 Liter(s)
Container ID: 1SS01312

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.44

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5,800**	12,000	7,200	2,900	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,500	4,100	2,500	680	**U**
74-87-3	Chloromethane	6,000	9,800	6,000	1,600	**U**
75-01-4	Vinyl Chloride	2,600	8,000	2,600	870	**U**
106-99-0	1,3-Butadiene	5,600	9,100	5,600	1,500	**U**
75-00-3	Chloroethane	4,700	7,600	4,700	970	**U**
64-17-5	Ethanol	17,000	110,000	17,000	7,600	**U**
67-64-1	Acetone	**500,000**	85,000	44,000	20,000	
75-69-4	Trichlorofluoromethane	2,200	3,500	2,200	560	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**14,000**	16,000	9,900	3,500	**J**
75-09-2	Methylene Chloride	3,600	5,800	3,600	1,700	**U**
76-13-1	Trichlorotrifluoroethane	860	2,700	860	380	**U**
75-15-0	Carbon Disulfide	6,700	12,000	6,700	2,000	**U**
75-34-3	1,1-Dichloroethane	3,200	5,200	3,200	750	**U**
78-93-3	2-Butanone (MEK)	**85,000**	13,000	4,200	1,400	
141-78-6	Ethyl Acetate	7,000	11,000	7,000	3,000	**U**
110-54-3	n-Hexane	**82,000**	5,700	3,500	1,200	
67-66-3	Chloroform	1,400	4,200	1,400	560	**U**
109-99-9	Tetrahydrofuran (THF)	2,200	13,000	2,200	880	**U**
107-06-2	1,2-Dichloroethane	1,600	5,000	1,600	570	**U**
71-43-2	Benzene	**54,000**	6,300	2,100	940	
56-23-5	Carbon Tetrachloride	1,000	3,100	1,000	460	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV1-263-212**	ALS Project ID:	P2102356
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102356-004
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/23/21
Analyst:	Simon Cao	Date Analyzed:	5/18/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.000050 Liter(s)
Test Notes:			0.000025 Liter(s)
Container ID:	1SS01312		

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.44

Container Dilution Factor: 1.94

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**240,000**		11,000	3,800	1,700	
75-27-4	Bromodichloromethane		980	3,000	980	450	**U**
79-01-6	Trichloroethene		1,200	3,700	1,200	520	**U**
123-91-1	1,4-Dioxane		1,800	5,600	1,800	680	**U**
142-82-5	n-Heptane	**1,000,000**		9,900	6,100	1,600	**D**
108-10-1	4-Methyl-2-pentanone	**4,800**		9,500	1,600	690	**J**
108-88-3	Toluene	**970,000**		5,400	1,800	670	
591-78-6	2-Hexanone		1,600	9,500	1,600	630	**U**
124-48-1	Dibromochloromethane		770	2,400	770	320	**U**
106-93-4	1,2-Dibromoethane	**2,000**		2,600	860	310	**J**
127-18-4	Tetrachloroethene		970	3,000	970	390	**U**
100-41-4	Ethylbenzene	**62,000**		4,600	1,500	670	
179601-23-1	m,p-Xylenes	**150,000**		8,900	3,000	1,300	
75-25-2	Bromoform		1,200	2,000	1,200	410	**U**
100-42-5	Styrene		2,900	4,700	2,900	780	**U**
95-47-6	o-Xylene	**40,000**		4,700	1,500	690	
108-67-8	1,3,5-Trimethylbenzene	**5,000**		4,200	1,300	610	
95-63-6	1,2,4-Trimethylbenzene	**13,000**		4,100	1,300	580	
120-82-1	1,2,4-Trichlorobenzene		1,700	5,200	1,700	680	**U**
91-20-3	Naphthalene		2,300	3,900	2,300	960	**U**
1330-20-7	Xylenes, Total	**190,000**		8,900	3,000	1,300	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-102-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes: 0.000025 Liter(s)
Container ID: 1SS01205

Initial Pressure (psig): -5.09 Final Pressure (psig): 5.49

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4,500**	13,000	7,800	3,200	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,700	4,400	2,700	740	**U**
74-87-3	Chloromethane	6,500	11,000	6,500	1,700	**U**
75-01-4	Vinyl Chloride	2,800	8,700	2,800	940	**U**
106-99-0	1,3-Butadiene	6,100	9,900	6,100	1,700	**U**
75-00-3	Chloroethane	5,100	8,300	5,100	1,100	**U**
64-17-5	Ethanol	**83,000**	120,000	19,000	8,300	**J**
67-64-1	Acetone	**1,500,000**	92,000	48,000	21,000	
75-69-4	Trichlorofluoromethane	2,400	3,800	2,400	610	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**110,000**	17,000	11,000	3,800	
75-09-2	Methylene Chloride	3,900	6,300	3,900	1,800	**U**
76-13-1	Trichlorotrifluoroethane	930	2,900	930	420	**U**
75-15-0	Carbon Disulfide	**3,800**	13,000	7,300	2,200	**J**
75-34-3	1,1-Dichloroethane	3,400	5,600	3,400	810	**U**
78-93-3	2-Butanone (MEK)	**180,000**	14,000	4,600	1,600	
141-78-6	Ethyl Acetate	7,600	12,000	7,600	3,300	**U**
110-54-3	n-Hexane	**1,500,000**	12,000	7,600	2,600	**D**
67-66-3	Chloroform	1,500	4,600	1,500	610	**U**
109-99-9	Tetrahydrofuran (THF)	2,400	14,000	2,400	950	**U**
107-06-2	1,2-Dichloroethane	1,800	5,400	1,800	610	**U**
71-43-2	Benzene	**390,000**	6,800	2,200	1,000	
56-23-5	Carbon Tetrachloride	1,100	3,400	1,100	490	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-102-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes: 0.000025 Liter(s)
Container ID: 1SS01205

Initial Pressure (psig): -5.09 Final Pressure (psig): 5.49

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,400,000**		12,000	4,200	1,800	
75-27-4	Bromodichloromethane		1,100	3,300	1,100	480	**U**
79-01-6	Trichloroethene		1,300	4,000	1,300	560	**U**
123-91-1	1,4-Dioxane		2,000	6,100	2,000	730	**U**
142-82-5	n-Heptane	**1,000,000**		11,000	6,600	1,700	**D**
108-10-1	4-Methyl-2-pentanone	**3,700**		10,000	1,700	750	**J**
108-88-3	Toluene	**650,000**		5,800	1,900	720	
591-78-6	2-Hexanone		1,700	10,000	1,700	680	**U**
124-48-1	Dibromochloromethane		840	2,600	840	350	**U**
106-93-4	1,2-Dibromoethane		930	2,800	930	340	**U**
127-18-4	Tetrachloroethene		1,100	3,200	1,100	430	**U**
100-41-4	Ethylbenzene	**33,000**		5,000	1,600	730	
179601-23-1	m,p-Xylenes	**72,000**		9,700	3,300	1,400	
75-25-2	Bromoform		1,300	2,200	1,300	450	**U**
100-42-5	Styrene		3,200	5,100	3,200	850	**U**
95-47-6	o-Xylene	**19,000**		5,100	1,600	740	
108-67-8	1,3,5-Trimethylbenzene	**1,900**		4,500	1,500	660	**J**
95-63-6	1,2,4-Trimethylbenzene	**3,700**		4,400	1,500	630	**J**
120-82-1	1,2,4-Trichlorobenzene		1,800	5,700	1,800	740	**U**
91-20-3	Naphthalene		2,500	4,200	2,500	1,000	**U**
1330-20-7	Xylenes, Total	**91,000**		9,700	3,300	1,400	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-117-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000025 Liter(s)
Test Notes:
Container ID: 1SS01323

Initial Pressure (psig): -4.71 Final Pressure (psig): 5.29

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	15,000	24,000	15,000	6,000	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	5,200	8,400	5,200	1,400	**U**
74-87-3	Chloromethane	12,000	20,000	12,000	3,300	**U**
75-01-4	Vinyl Chloride	5,300	17,000	5,300	1,800	**U**
106-99-0	1,3-Butadiene	12,000	19,000	12,000	3,200	**U**
75-00-3	Chloroethane	9,700	16,000	9,700	2,000	**U**
64-17-5	Ethanol	**27,000**	230,000	35,000	16,000	**J**
67-64-1	Acetone	**740,000**	180,000	91,000	40,000	
75-69-4	Trichlorofluoromethane	4,600	7,300	4,600	1,200	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**10,000**	33,000	21,000	7,200	**J**
75-09-2	Methylene Chloride	7,400	12,000	7,400	3,500	**U**
76-13-1	Trichlorotrifluoroethane	1,800	5,500	1,800	790	**U**
75-15-0	Carbon Disulfide	14,000	26,000	14,000	4,100	**U**
75-34-3	1,1-Dichloroethane	6,500	11,000	6,500	1,500	**U**
78-93-3	2-Butanone (MEK)	**54,000**	27,000	8,700	3,000	
141-78-6	Ethyl Acetate	14,000	22,000	14,000	6,200	**U**
110-54-3	n-Hexane	**2,100,000**	12,000	7,300	2,500	
67-66-3	Chloroform	2,800	8,700	2,800	1,200	**U**
109-99-9	Tetrahydrofuran (THF)	4,600	27,000	4,600	1,800	**U**
107-06-2	1,2-Dichloroethane	3,400	10,000	3,400	1,200	**U**
71-43-2	Benzene	**480,000**	13,000	4,300	1,900	
56-23-5	Carbon Tetrachloride	2,200	6,500	2,200	940	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-117-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000025 Liter(s)
Test Notes:
Container ID: 1SS01323

Initial Pressure (psig): -4.71 Final Pressure (psig): 5.29

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,500,000**		23,000	7,900	3,500	
75-27-4	Bromodichloromethane		2,000	6,200	2,000	920	**U**
79-01-6	Trichloroethene		2,500	7,600	2,500	1,100	**U**
123-91-1	1,4-Dioxane		3,800	12,000	3,800	1,400	**U**
142-82-5	n-Heptane	**1,000,000**		10,000	6,200	1,700	
108-10-1	4-Methyl-2-pentanone		3,300	20,000	3,300	1,400	**U**
108-88-3	Toluene	**670,000**		11,000	3,600	1,400	
591-78-6	2-Hexanone		3,300	20,000	3,300	1,300	**U**
124-48-1	Dibromochloromethane		1,600	4,900	1,600	660	**U**
106-93-4	1,2-Dibromoethane		1,800	5,400	1,800	650	**U**
127-18-4	Tetrachloroethene		2,000	6,100	2,000	810	**U**
100-41-4	Ethylbenzene	**34,000**		9,600	3,100	1,400	
179601-23-1	m,p-Xylenes	**81,000**		18,000	6,300	2,600	
75-25-2	Bromoform		2,500	4,100	2,500	850	**U**
100-42-5	Styrene		6,000	9,800	6,000	1,600	**U**
95-47-6	o-Xylene	**22,000**		9,800	3,100	1,400	
108-67-8	1,3,5-Trimethylbenzene	**2,500**		8,600	2,800	1,300	**J**
95-63-6	1,2,4-Trimethylbenzene	**5,700**		8,500	2,800	1,200	**J**
120-82-1	1,2,4-Trichlorobenzene		3,500	11,000	3,500	1,400	**U**
91-20-3	Naphthalene		4,700	7,900	4,700	2,000	**U**
1330-20-7	Xylenes, Total	**100,000**		18,000	6,300	2,600	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01151

Initial Pressure (psig): -4.09 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,000**	190	120	49	
75-71-8	Dichlorodifluoromethane (CFC 12)	42	68	42	11	**U**
74-87-3	Chloromethane	100	160	100	27	**U**
75-01-4	Vinyl Chloride	43	130	43	14	**U**
106-99-0	1,3-Butadiene	93	150	93	26	**U**
75-00-3	Chloroethane	78	130	78	16	**U**
64-17-5	Ethanol	**1,300**	1,800	280	130	**J**
67-64-1	Acetone	**14,000**	1,400	730	330	
75-69-4	Trichlorofluoromethane	37	58	37	9.3	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,100**	260	160	58	
75-09-2	Methylene Chloride	59	96	59	28	**U**
76-13-1	Trichlorotrifluoroethane	14	45	14	6.4	**U**
75-15-0	Carbon Disulfide	110	210	110	33	**U**
75-34-3	1,1-Dichloroethane	52	86	52	12	**U**
78-93-3	2-Butanone (MEK)	**420**	220	70	24	
141-78-6	Ethyl Acetate	120	180	120	50	**U**
110-54-3	n-Hexane	**4,200**	95	58	20	
67-66-3	Chloroform	22	70	22	9.4	**U**
109-99-9	Tetrahydrofuran (THF)	37	220	37	15	**U**
107-06-2	1,2-Dichloroethane	27	83	27	9.4	**U**
71-43-2	Benzene	**1,500**	100	34	16	
56-23-5	Carbon Tetrachloride	17	52	17	7.6	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01151

Initial Pressure (psig): -4.09 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5,600**	190	64	28	
75-27-4	Bromodichloromethane	16	50	16	7.4	**U**
79-01-6	Trichloroethene	20	61	20	8.6	**U**
123-91-1	1,4-Dioxane	30	93	30	11	**U**
142-82-5	n-Heptane	**17,000**	240	150	40	**D**
108-10-1	4-Methyl-2-pentanone	27	160	27	11	**U**
108-88-3	Toluene	**17,000**	89	29	11	
591-78-6	2-Hexanone	27	160	27	10	**U**
124-48-1	Dibromochloromethane	13	39	13	5.3	**U**
106-93-4	1,2-Dibromoethane	14	44	14	5.2	**U**
127-18-4	Tetrachloroethene	16	49	16	6.5	**U**
100-41-4	Ethylbenzene	**8,000**	77	25	11	
179601-23-1	m,p-Xylenes	**20,000**	150	50	21	
75-25-2	Bromoform	20	33	20	6.8	**U**
100-42-5	Styrene	48	79	48	13	**U**
95-47-6	o-Xylene	**9,400**	79	25	11	
108-67-8	1,3,5-Trimethylbenzene	**4,700**	69	22	10	
95-63-6	1,2,4-Trimethylbenzene	**13,000**	68	22	9.7	
120-82-1	1,2,4-Trichlorobenzene	28	87	28	11	**U**
91-20-3	Naphthalene	**350**	64	38	16	
1330-20-7	Xylenes, Total	**30,000**	150	50	21	

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS01319

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.72

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	8,400	14,000	8,400	3,400	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,900	4,800	2,900	800	**U**
74-87-3	Chloromethane	7,000	11,000	7,000	1,900	**U**
75-01-4	Vinyl Chloride	3,000	9,400	3,000	1,000	**U**
106-99-0	1,3-Butadiene	6,500	11,000	6,500	1,800	**U**
75-00-3	Chloroethane	5,500	8,900	5,500	1,100	**U**
64-17-5	Ethanol	**10,000**	130,000	20,000	8,900	**J**
67-64-1	Acetone	**1,300,000**	99,000	51,000	23,000	
75-69-4	Trichlorofluoromethane	2,600	4,100	2,600	650	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**22,000**	18,000	12,000	4,100	
75-09-2	Methylene Chloride	4,200	6,800	4,200	2,000	**U**
76-13-1	Trichlorotrifluoroethane	1,000	3,100	1,000	450	**U**
75-15-0	Carbon Disulfide	7,800	15,000	7,800	2,300	**U**
75-34-3	1,1-Dichloroethane	3,700	6,000	3,700	870	**U**
78-93-3	2-Butanone (MEK)	**8,700**	15,000	4,900	1,700	**J**
141-78-6	Ethyl Acetate	8,200	13,000	8,200	3,500	**U**
110-54-3	n-Hexane	**1,100,000**	6,700	4,100	1,400	
67-66-3	Chloroform	1,600	4,900	1,600	660	**U**
109-99-9	Tetrahydrofuran (THF)	2,600	15,000	2,600	1,000	**U**
107-06-2	1,2-Dichloroethane	1,900	5,800	1,900	660	**U**
71-43-2	Benzene	**300,000**	7,400	2,400	1,100	
56-23-5	Carbon Tetrachloride	1,200	3,700	1,200	530	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS01319

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.72

Container Dilution Factor: 1.81

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**980,000**		13,000	4,500	2,000	
75-27-4	Bromodichloromethane		1,100	3,500	1,100	520	**U**
79-01-6	Trichloroethene		1,400	4,300	1,400	610	**U**
123-91-1	1,4-Dioxane		2,100	6,500	2,100	790	**U**
142-82-5	n-Heptane	**710,000**		5,700	3,500	940	
108-10-1	4-Methyl-2-pentanone		1,900	11,000	1,900	810	**U**
108-88-3	Toluene	**400,000**		6,200	2,000	780	
591-78-6	2-Hexanone		1,900	11,000	1,900	730	**U**
124-48-1	Dibromochloromethane		900	2,800	900	370	**U**
106-93-4	1,2-Dibromoethane		1,000	3,100	1,000	370	**U**
127-18-4	Tetrachloroethene		1,100	3,500	1,100	460	**U**
100-41-4	Ethylbenzene	**26,000**		5,400	1,800	780	
179601-23-1	m,p-Xylenes	**57,000**		10,000	3,500	1,500	
75-25-2	Bromoform		1,400	2,300	1,400	480	**U**
100-42-5	Styrene		3,400	5,500	3,400	910	**U**
95-47-6	o-Xylene	**17,000**		5,500	1,800	800	
108-67-8	1,3,5-Trimethylbenzene	**2,200**		4,900	1,600	710	**J**
95-63-6	1,2,4-Trimethylbenzene	**4,900**		4,800	1,600	680	
120-82-1	1,2,4-Trichlorobenzene		2,000	6,100	2,000	790	**U**
91-20-3	Naphthalene		2,700	4,500	2,700	1,100	**U**
1330-20-7	Xylenes, Total	**73,000**		10,000	3,500	1,500	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01200

Initial Pressure (psig): -0.36 Final Pressure (psig): 5.26

Container Dilution Factor: 1.39

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,300**		1,400	860	350	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		300	490	300	82	**U**
74-87-3	Chloromethane		720	1,200	720	190	**U**
75-01-4	Vinyl Chloride		310	960	310	100	**U**
106-99-0	1,3-Butadiene		670	1,100	670	180	**U**
75-00-3	Chloroethane		560	910	560	120	**U**
64-17-5	Ethanol		2,000	13,000	2,000	910	**U**
67-64-1	Acetone	**34,000**		10,000	5,300	2,300	
75-69-4	Trichlorofluoromethane		260	420	260	67	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,600**		1,900	1,200	410	
75-09-2	Methylene Chloride		430	690	430	200	**U**
76-13-1	Trichlorotrifluoroethane		100	320	100	46	**U**
75-15-0	Carbon Disulfide		800	1,500	800	240	**U**
75-34-3	1,1-Dichloroethane		380	620	380	89	**U**
78-93-3	2-Butanone (MEK)	**1,300**		1,600	500	170	**J**
141-78-6	Ethyl Acetate		840	1,300	840	360	**U**
110-54-3	n-Hexane	**510**		680	420	140	**J**
67-66-3	Chloroform		160	500	160	67	**U**
109-99-9	Tetrahydrofuran (THF)		270	1,600	270	110	**U**
107-06-2	1,2-Dichloroethane		190	600	190	68	**U**
71-43-2	Benzene	**720**		750	250	110	**J**
56-23-5	Carbon Tetrachloride		130	380	130	55	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01200

Initial Pressure (psig): -0.36 Final Pressure (psig): 5.26

Container Dilution Factor: 1.39

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3,700**		1,300	460	200	
75-27-4	Bromodichloromethane		120	360	120	53	**U**
79-01-6	Trichloroethene		150	440	150	62	**U**
123-91-1	1,4-Dioxane		220	670	220	81	**U**
142-82-5	n-Heptane	**77,000**		590	360	96	
108-10-1	4-Methyl-2-pentanone		190	1,100	190	83	**U**
108-88-3	Toluene	**130,000**		1,900	630	240	**D**
591-78-6	2-Hexanone		190	1,100	190	75	**U**
124-48-1	Dibromochloromethane		92	280	92	38	**U**
106-93-4	1,2-Dibromoethane		100	310	100	37	**U**
127-18-4	Tetrachloroethene		120	360	120	47	**U**
100-41-4	Ethylbenzene	**27,000**		550	180	80	
179601-23-1	m,p-Xylenes	**60,000**		1,100	360	150	
75-25-2	Bromoform		140	240	140	49	**U**
100-42-5	Styrene		350	570	350	94	**U**
95-47-6	o-Xylene	**17,000**		570	180	82	
108-67-8	1,3,5-Trimethylbenzene	**3,000**		500	160	73	
95-63-6	1,2,4-Trimethylbenzene	**8,700**		490	160	70	
120-82-1	1,2,4-Trichlorobenzene		200	620	200	81	**U**
91-20-3	Naphthalene	**170**		460	270	110	**J**
1330-20-7	Xylenes, Total	**77,000**		1,100	360	150	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV2-270-212**	ALS Project ID:	P2102356
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102356-010
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/23/21
Analyst:	Simon Cao	Date Analyzed:	5/18 - 5/19/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00025 Liter(s)
Test Notes:			0.00010 Liter(s)
Container ID:	1SS01318		

Initial Pressure (psig): -4.82 Final Pressure (psig): 6.06

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,400**		2,500	1,600	630	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		540	880	540	150	**U**
74-87-3	Chloromethane		1,300	2,100	1,300	350	**U**
75-01-4	Vinyl Chloride		560	1,700	560	190	**U**
106-99-0	1,3-Butadiene		1,200	2,000	1,200	330	**U**
75-00-3	Chloroethane		1,000	1,700	1,000	210	**U**
64-17-5	Ethanol		3,700	24,000	3,700	1,700	**U**
67-64-1	Acetone	**220,000**		18,000	9,600	4,200	
75-69-4	Trichlorofluoromethane		480	760	480	120	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**8,700**		3,400	2,200	750	
75-09-2	Methylene Chloride		770	1,300	770	360	**U**
76-13-1	Trichlorotrifluoroethane		190	580	190	83	**U**
75-15-0	Carbon Disulfide		1,500	2,700	1,500	430	**U**
75-34-3	1,1-Dichloroethane		690	1,100	690	160	**U**
78-93-3	2-Butanone (MEK)	**18,000**		2,800	910	310	
141-78-6	Ethyl Acetate		1,500	2,300	1,500	650	**U**
110-54-3	n-Hexane	**43,000**		1,200	760	260	
67-66-3	Chloroform		290	910	290	120	**U**
109-99-9	Tetrahydrofuran (THF)		480	2,800	480	190	**U**
107-06-2	1,2-Dichloroethane		350	1,100	350	120	**U**
71-43-2	Benzene	**20,000**		1,400	450	200	
56-23-5	Carbon Tetrachloride		230	680	230	99	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV2-270-212**	ALS Project ID:	P2102356
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102356-010
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/23/21
Analyst:	Simon Cao	Date Analyzed:	5/18 - 5/19/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00025 Liter(s)
Test Notes:			0.00010 Liter(s)
Container ID:	1SS01318		

Initial Pressure (psig): -4.82 Final Pressure (psig): 6.06

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**73,000**		2,400	830	370	
75-27-4	Bromodichloromethane		210	650	210	97	**U**
79-01-6	Trichloroethene		270	800	270	110	**U**
123-91-1	1,4-Dioxane		400	1,200	400	150	**U**
142-82-5	n-Heptane	**180,000**		1,100	660	170	
108-10-1	4-Methyl-2-pentanone	**1,200**		2,100	350	150	**J**
108-88-3	Toluene	**240,000**		2,900	950	360	**D**
591-78-6	2-Hexanone		350	2,100	350	140	**U**
124-48-1	Dibromochloromethane		170	510	170	69	**U**
106-93-4	1,2-Dibromoethane		190	570	190	68	**U**
127-18-4	Tetrachloroethene		210	640	210	86	**U**
100-41-4	Ethylbenzene	**45,000**		1,000	330	150	
179601-23-1	m,p-Xylenes	**110,000**		1,900	660	270	
75-25-2	Bromoform		260	430	260	89	**U**
100-42-5	Styrene		630	1,000	630	170	**U**
95-47-6	o-Xylene	**32,000**		1,000	330	150	
108-67-8	1,3,5-Trimethylbenzene	**6,100**		910	290	130	
95-63-6	1,2,4-Trimethylbenzene	**16,000**		890	290	130	
120-82-1	1,2,4-Trichlorobenzene		360	1,100	360	150	**U**
91-20-3	Naphthalene	**310**		830	500	210	**J**
1330-20-7	Xylenes, Total	**140,000**		1,900	660	270	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE01-260-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes:
Container ID: 1SS01278

Initial Pressure (psig): -3.83 Final Pressure (psig): 5.36

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.9**	4.3	2.6	1.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.43**	1.5	0.92	0.25	**J**
74-87-3	Chloromethane	**0.68**	3.6	2.2	0.59	**J**
75-01-4	Vinyl Chloride	0.95	3.0	0.95	0.32	**U**
106-99-0	1,3-Butadiene	2.1	3.3	2.1	0.57	**U**
75-00-3	Chloroethane	1.7	2.8	1.7	0.36	**U**
64-17-5	Ethanol	**18**	40	6.3	2.8	**J**
67-64-1	Acetone	**270**	31	16	7.2	
75-69-4	Trichlorofluoromethane	0.81	1.3	0.81	0.21	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**22**	5.8	3.6	1.3	
75-09-2	Methylene Chloride	1.3	2.1	1.3	0.61	**U**
76-13-1	Trichlorotrifluoroethane	0.32	0.98	0.32	0.14	**U**
75-15-0	Carbon Disulfide	2.5	4.6	2.5	0.73	**U**
75-34-3	1,1-Dichloroethane	1.2	1.9	1.2	0.27	**U**
78-93-3	2-Butanone (MEK)	**21**	4.8	1.5	0.53	
141-78-6	Ethyl Acetate	2.6	4.0	2.6	1.1	**U**
110-54-3	n-Hexane	**330**	2.1	1.3	0.44	
67-66-3	Chloroform	0.50	1.5	0.50	0.21	**U**
109-99-9	Tetrahydrofuran (THF)	0.82	4.8	0.82	0.32	**U**
107-06-2	1,2-Dichloroethane	0.60	1.8	0.60	0.21	**U**
71-43-2	Benzene	**86**	2.3	0.76	0.34	
56-23-5	Carbon Tetrachloride	**0.17**	1.2	0.38	0.17	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE01-260-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes:
Container ID: 1SS01278

Initial Pressure (psig): -3.83 Final Pressure (psig): 5.36

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**250**	4.1	1.4	0.62	
75-27-4	Bromodichloromethane	0.36	1.1	0.36	0.16	**U**
79-01-6	Trichloroethene	0.45	1.4	0.45	0.19	**U**
123-91-1	1,4-Dioxane	0.67	2.1	0.67	0.25	**U**
142-82-5	n-Heptane	**170**	1.8	1.1	0.30	
108-10-1	4-Methyl-2-pentanone	0.59	3.5	0.59	0.25	**U**
108-88-3	Toluene	**130**	2.0	0.64	0.25	
591-78-6	2-Hexanone	0.59	3.5	0.59	0.23	**U**
124-48-1	Dibromochloromethane	0.28	0.87	0.28	0.12	**U**
106-93-4	1,2-Dibromoethane	0.31	0.96	0.31	0.11	**U**
127-18-4	Tetrachloroethene	0.36	1.1	0.36	0.14	**U**
100-41-4	Ethylbenzene	**12**	1.7	0.56	0.25	
179601-23-1	m,p-Xylenes	**26**	3.3	1.1	0.46	
75-25-2	Bromoform	0.44	0.73	0.44	0.15	**U**
100-42-5	Styrene	1.1	1.7	1.1	0.29	**U**
95-47-6	o-Xylene	**8.8**	1.7	0.56	0.25	
108-67-8	1,3,5-Trimethylbenzene	**5.1**	1.5	0.49	0.22	
95-63-6	1,2,4-Trimethylbenzene	**17**	1.5	0.49	0.21	
120-82-1	1,2,4-Trichlorobenzene	0.61	1.9	0.61	0.25	**U**
91-20-3	Naphthalene	**5.7**	1.4	0.84	0.35	
1330-20-7	Xylenes, Total	**35**	3.3	1.1	0.46	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE02-060-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00470

Initial Pressure (psig): -3.29 Final Pressure (psig): 5.72

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,300**	1,100	670	270	
75-71-8	Dichlorodifluoromethane (CFC 12)	230	380	230	63	**U**
74-87-3	Chloromethane	550	900	550	150	**U**
75-01-4	Vinyl Chloride	240	740	240	80	**U**
106-99-0	1,3-Butadiene	520	840	520	140	**U**
75-00-3	Chloroethane	430	710	430	90	**U**
64-17-5	Ethanol	**750**	10,000	1,600	700	**J**
67-64-1	Acetone	**90,000**	7,800	4,100	1,800	
75-69-4	Trichlorofluoromethane	200	330	200	52	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**330**	1,500	920	320	**J**
75-09-2	Methylene Chloride	330	540	330	150	**U**
76-13-1	Trichlorotrifluoroethane	79	250	79	36	**U**
75-15-0	Carbon Disulfide	**1,300**	1,200	620	180	
75-34-3	1,1-Dichloroethane	290	480	290	69	**U**
78-93-3	2-Butanone (MEK)	**5,300**	1,200	390	130	
141-78-6	Ethyl Acetate	650	990	650	280	**U**
110-54-3	n-Hexane	**140,000**	2,600	1,600	560	**D**
67-66-3	Chloroform	120	390	120	52	**U**
109-99-9	Tetrahydrofuran (THF)	210	1,200	210	81	**U**
107-06-2	1,2-Dichloroethane	150	460	150	52	**U**
71-43-2	Benzene	**48,000**	580	190	86	
56-23-5	Carbon Tetrachloride	97	290	97	42	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE02-060-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00470

Initial Pressure (psig): -3.29 Final Pressure (psig): 5.72

Container Dilution Factor: 1.79

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**150,000**		1,000	350	160	
75-27-4	Bromodichloromethane		91	280	91	41	**U**
79-01-6	Trichloroethene		110	340	110	48	**U**
123-91-1	1,4-Dioxane		170	520	170	63	**U**
142-82-5	n-Heptane	**110,000**		2,300	1,400	370	**D**
108-10-1	4-Methyl-2-pentanone	**440**		870	150	64	**J**
108-88-3	Toluene	**130,000**		2,500	810	310	**D**
591-78-6	2-Hexanone		150	870	150	58	**U**
124-48-1	Dibromochloromethane		71	220	71	29	**U**
106-93-4	1,2-Dibromoethane		79	240	79	29	**U**
127-18-4	Tetrachloroethene	**42**		270	90	36	**J**
100-41-4	Ethylbenzene	**20,000**		430	140	62	
179601-23-1	m,p-Xylenes	**40,000**		820	280	120	
75-25-2	Bromoform		110	180	110	38	**U**
100-42-5	Styrene	**99**		440	270	72	**J**
95-47-6	o-Xylene	**16,000**		440	140	63	
108-67-8	1,3,5-Trimethylbenzene	**2,600**		390	120	56	
95-63-6	1,2,4-Trimethylbenzene	**5,700**		380	120	54	
120-82-1	1,2,4-Trichlorobenzene		150	480	150	63	**U**
91-20-3	Naphthalene	**150**		360	210	89	**J**
1330-20-7	Xylenes, Total	**56,000**		820	280	120	

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE03-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SC00125

Initial Pressure (psig): -4.02 Final Pressure (psig): 5.93

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**56**	97	60	24	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	21	34	21	5.7	**U**
74-87-3	Chloromethane	50	81	50	13	**U**
75-01-4	Vinyl Chloride	21	67	21	7.2	**U**
106-99-0	1,3-Butadiene	47	76	47	13	**U**
75-00-3	Chloroethane	39	63	39	8.0	**U**
64-17-5	Ethanol	**150**	910	140	63	**J**
67-64-1	Acetone	**1,500**	700	370	160	
75-69-4	Trichlorofluoromethane	18	29	18	4.6	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**240**	130	82	29	
75-09-2	Methylene Chloride	30	48	30	14	**U**
76-13-1	Trichlorotrifluoroethane	7.1	22	7.1	3.2	**U**
75-15-0	Carbon Disulfide	56	100	56	17	**U**
75-34-3	1,1-Dichloroethane	26	43	26	6.2	**U**
78-93-3	2-Butanone (MEK)	**100**	110	35	12	**J**
141-78-6	Ethyl Acetate	58	89	58	25	**U**
110-54-3	n-Hexane	**3,800**	47	29	10	
67-66-3	Chloroform	11	35	11	4.7	**U**
109-99-9	Tetrahydrofuran (THF)	19	110	19	7.3	**U**
107-06-2	1,2-Dichloroethane	14	41	14	4.7	**U**
71-43-2	Benzene	**1,300**	52	17	7.8	
56-23-5	Carbon Tetrachloride	8.7	26	8.7	3.8	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE03-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SC00125

Initial Pressure (psig): -4.02 Final Pressure (psig): 5.93

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**4,200**	93	32	14	
75-27-4	Bromodichloromethane	8.2	25	8.2	3.7	**U**
79-01-6	Trichloroethene	10	31	10	4.3	**U**
123-91-1	1,4-Dioxane	15	46	15	5.6	**U**
142-82-5	n-Heptane	**4,000**	41	25	6.7	
108-10-1	4-Methyl-2-pentanone	13	79	13	5.7	**U**
108-88-3	Toluene	**4,300**	44	15	5.6	
591-78-6	2-Hexanone	13	79	13	5.2	**U**
124-48-1	Dibromochloromethane	6.4	20	6.4	2.6	**U**
106-93-4	1,2-Dibromoethane	7.1	22	7.1	2.6	**U**
127-18-4	Tetrachloroethene	8.1	25	8.1	3.3	**U**
100-41-4	Ethylbenzene	**780**	39	13	5.6	
179601-23-1	m,p-Xylenes	**1,900**	74	25	10	
75-25-2	Bromoform	10	16	10	3.4	**U**
100-42-5	Styrene	**8.5**	39	24	6.5	**J**
95-47-6	o-Xylene	**810**	39	13	5.7	
108-67-8	1,3,5-Trimethylbenzene	**280**	35	11	5.0	
95-63-6	1,2,4-Trimethylbenzene	**720**	34	11	4.8	
120-82-1	1,2,4-Trichlorobenzene	14	43	14	5.6	**U**
91-20-3	Naphthalene	**70**	32	19	8.0	
1330-20-7	Xylenes, Total	**2,700**	74	25	10	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE04-313-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-014

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00110

Initial Pressure (psig): -3.75 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**38**	79	49	20	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	17	28	17	4.6	**U**
74-87-3	Chloromethane	41	66	41	11	**U**
75-01-4	Vinyl Chloride	17	55	17	5.9	**U**
106-99-0	1,3-Butadiene	38	62	38	10	**U**
75-00-3	Chloroethane	**16**	52	32	6.6	**J**
64-17-5	Ethanol	120	740	120	52	**U**
67-64-1	Acetone	300	580	300	130	**U**
75-69-4	Trichlorofluoromethane	15	24	15	3.8	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	67	110	67	24	**U**
75-09-2	Methylene Chloride	24	39	24	11	**U**
76-13-1	Trichlorotrifluoroethane	5.8	18	5.8	2.6	**U**
75-15-0	Carbon Disulfide	46	84	46	14	**U**
75-34-3	1,1-Dichloroethane	21	35	21	5.1	**U**
78-93-3	2-Butanone (MEK)	**11**	89	29	9.8	**J**
141-78-6	Ethyl Acetate	47	73	47	20	**U**
110-54-3	n-Hexane	**1,800**	39	24	8.2	
67-66-3	Chloroform	9.2	29	9.2	3.8	**U**
109-99-9	Tetrahydrofuran (THF)	15	89	15	6.0	**U**
107-06-2	1,2-Dichloroethane	11	34	11	3.8	**U**
71-43-2	Benzene	**280**	43	14	6.3	
56-23-5	Carbon Tetrachloride	7.1	21	7.1	3.1	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE04-313-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-014

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00110

Initial Pressure (psig): -3.75 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**4,900**	76	26	11	
75-27-4	Bromodichloromethane	6.7	20	6.7	3.0	**U**
79-01-6	Trichloroethene	8.3	25	8.3	3.5	**U**
123-91-1	1,4-Dioxane	12	38	12	4.6	**U**
142-82-5	n-Heptane	**1,100**	33	21	5.5	
108-10-1	4-Methyl-2-pentanone	11	64	11	4.7	**U**
108-88-3	Toluene	**430**	36	12	4.5	
591-78-6	2-Hexanone	11	64	11	4.2	**U**
124-48-1	Dibromochloromethane	5.2	16	5.2	2.2	**U**
106-93-4	1,2-Dibromoethane	5.8	18	5.8	2.1	**U**
127-18-4	Tetrachloroethene	6.6	20	6.6	2.7	**U**
100-41-4	Ethylbenzene	**79**	31	10	4.5	
179601-23-1	m,p-Xylenes	**370**	61	21	8.5	
75-25-2	Bromoform	8.1	13	8.1	2.8	**U**
100-42-5	Styrene	20	32	20	5.3	**U**
95-47-6	o-Xylene	**190**	32	10	4.7	
108-67-8	1,3,5-Trimethylbenzene	**190**	28	9.1	4.1	
95-63-6	1,2,4-Trimethylbenzene	**290**	28	9.1	4.0	
120-82-1	1,2,4-Trichlorobenzene	11	35	11	4.6	**U**
91-20-3	Naphthalene	**27**	26	16	6.5	
1330-20-7	Xylenes, Total	**560**	61	21	8.5	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE05-460-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-015

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01310

Initial Pressure (psig): -4.19 Final Pressure (psig): 5.28

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**43**	57	35	14	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	12	20	12	3.3	**U**
74-87-3	Chloromethane	29	48	29	7.9	**U**
75-01-4	Vinyl Chloride	13	39	13	4.2	**U**
106-99-0	1,3-Butadiene	27	45	27	7.6	**U**
75-00-3	Chloroethane	**20**	37	23	4.8	**J**
64-17-5	Ethanol	84	530	84	37	**U**
67-64-1	Acetone	220	420	220	96	**U**
75-69-4	Trichlorofluoromethane	11	17	11	2.7	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	49	77	49	17	**U**
75-09-2	Methylene Chloride	18	28	18	8.2	**U**
76-13-1	Trichlorotrifluoroethane	**3.3**	13	4.2	1.9	**J**
75-15-0	Carbon Disulfide	33	61	33	9.8	**U**
75-34-3	1,1-Dichloroethane	15	25	15	3.7	**U**
78-93-3	2-Butanone (MEK)	**11**	64	21	7.1	**J**
141-78-6	Ethyl Acetate	34	53	34	15	**U**
110-54-3	n-Hexane	**2,200**	28	17	5.9	
67-66-3	Chloroform	6.6	21	6.6	2.8	**U**
109-99-9	Tetrahydrofuran (THF)	11	64	11	4.3	**U**
107-06-2	1,2-Dichloroethane	8.0	24	8.0	2.8	**U**
71-43-2	Benzene	**300**	31	10	4.6	
56-23-5	Carbon Tetrachloride	5.1	15	5.1	2.2	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE05-460-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-015

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01310

Initial Pressure (psig): -4.19 Final Pressure (psig): 5.28

Container Dilution Factor: 1.90

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5,600**	55	19	8.3	
75-27-4	Bromodichloromethane	4.8	15	4.8	2.2	**U**
79-01-6	Trichloroethene	6.0	18	6.0	2.5	**U**
123-91-1	1,4-Dioxane	9.0	27	9.0	3.3	**U**
142-82-5	n-Heptane	**1,300**	24	15	3.9	
108-10-1	4-Methyl-2-pentanone	7.9	46	7.9	3.4	**U**
108-88-3	Toluene	**440**	26	8.6	3.3	
591-78-6	2-Hexanone	7.9	46	7.9	3.1	**U**
124-48-1	Dibromochloromethane	3.8	12	3.8	1.6	**U**
106-93-4	1,2-Dibromoethane	4.2	13	4.2	1.5	**U**
127-18-4	Tetrachloroethene	4.8	15	4.8	1.9	**U**
100-41-4	Ethylbenzene	**75**	23	7.4	3.3	
179601-23-1	m,p-Xylenes	**360**	44	15	6.1	
75-25-2	Bromoform	5.9	9.7	5.9	2.0	**U**
100-42-5	Styrene	14	23	14	3.8	**U**
95-47-6	o-Xylene	**200**	23	7.4	3.4	
108-67-8	1,3,5-Trimethylbenzene	**260**	20	6.6	3.0	
95-63-6	1,2,4-Trimethylbenzene	**280**	20	6.6	2.9	
120-82-1	1,2,4-Trichlorobenzene	8.2	26	8.2	3.3	**U**
91-20-3	Naphthalene	**27**	19	11	4.7	
1330-20-7	Xylenes, Total	**570**	44	15	6.1	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01268

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.34

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.2**	8.6	5.3	2.2	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.62**	3.0	1.8	0.50	**J**
74-87-3	Chloromethane	**21**	7.2	4.4	1.2	
75-01-4	Vinyl Chloride	**1.2**	5.9	1.9	0.64	**J**
106-99-0	1,3-Butadiene	4.1	6.7	4.1	1.1	**U**
75-00-3	Chloroethane	3.5	5.6	3.5	0.71	**U**
64-17-5	Ethanol	**11**	80	13	5.6	**J**
67-64-1	Acetone	32	63	32	14	**U**
75-69-4	Trichlorofluoromethane	1.6	2.6	1.6	0.41	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	7.3	12	7.3	2.6	**U**
75-09-2	Methylene Chloride	2.6	4.3	2.6	1.2	**U**
76-13-1	Trichlorotrifluoroethane	**36**	2.0	0.63	0.28	
75-15-0	Carbon Disulfide	**13**	9.2	5.0	1.5	
75-34-3	1,1-Dichloroethane	2.3	3.8	2.3	0.55	**U**
78-93-3	2-Butanone (MEK)	**2.1**	9.7	3.1	1.1	**J**
141-78-6	Ethyl Acetate	5.2	7.9	5.2	2.2	**U**
110-54-3	n-Hexane	**42**	4.2	2.6	0.89	
67-66-3	Chloroform	**0.56**	3.1	1.0	0.42	**J**
109-99-9	Tetrahydrofuran (THF)	**25**	9.7	1.6	0.65	
107-06-2	1,2-Dichloroethane	1.2	3.7	1.2	0.42	**U**
71-43-2	Benzene	**150**	4.7	1.5	0.69	
56-23-5	Carbon Tetrachloride	**0.82**	2.3	0.77	0.34	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01268

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.34

Container Dilution Factor: 2.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**8.2**	8.3	2.8	1.2	**J**
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	**3.5**	2.7	0.90	0.38	
123-91-1	1,4-Dioxane	1.3	4.1	1.3	0.50	**U**
142-82-5	n-Heptane	**14**	3.6	2.2	0.59	
108-10-1	4-Methyl-2-pentanone	1.2	7.0	1.2	0.51	**U**
108-88-3	Toluene	**650**	3.9	1.3	0.49	
591-78-6	2-Hexanone	1.2	7.0	1.2	0.46	**U**
124-48-1	Dibromochloromethane	0.57	1.7	0.57	0.23	**U**
106-93-4	1,2-Dibromoethane	0.63	1.9	0.63	0.23	**U**
127-18-4	Tetrachloroethene	**1.1**	2.2	0.72	0.29	**J**
100-41-4	Ethylbenzene	**13**	3.4	1.1	0.49	
179601-23-1	m,p-Xylenes	**49**	6.6	2.2	0.92	
75-25-2	Bromoform	0.88	1.5	0.88	0.30	**U**
100-42-5	Styrene	2.1	3.5	2.1	0.58	**U**
95-47-6	o-Xylene	**12**	3.5	1.1	0.51	
108-67-8	1,3,5-Trimethylbenzene	**1.1**	3.1	0.99	0.45	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.3**	3.0	0.99	0.43	**J**
120-82-1	1,2,4-Trichlorobenzene	1.2	3.9	1.2	0.50	**U**
91-20-3	Naphthalene	1.7	2.8	1.7	0.71	**U**
1330-20-7	Xylenes, Total	**62**	6.6	2.2	0.92	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01227

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.39

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.5**	7.8	4.8	1.9	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.65**	2.7	1.7	0.45	**J**
74-87-3	Chloromethane	**21**	6.5	4.0	1.1	
75-01-4	Vinyl Chloride	**1.2**	5.3	1.7	0.57	**J**
106-99-0	1,3-Butadiene	3.7	6.0	3.7	1.0	**U**
75-00-3	Chloroethane	3.1	5.1	3.1	0.64	**U**
64-17-5	Ethanol	**11**	72	11	5.1	**J**
67-64-1	Acetone	29	56	29	13	**U**
75-69-4	Trichlorofluoromethane	1.5	2.3	1.5	0.37	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**10**	10	6.6	2.3	**J**
75-09-2	Methylene Chloride	2.4	3.9	2.4	1.1	**U**
76-13-1	Trichlorotrifluoroethane	**37**	1.8	0.57	0.26	
75-15-0	Carbon Disulfide	**14**	8.3	4.5	1.3	
75-34-3	1,1-Dichloroethane	2.1	3.4	2.1	0.50	**U**
78-93-3	2-Butanone (MEK)	**2.7**	8.7	2.8	0.96	**J**
141-78-6	Ethyl Acetate	4.6	7.1	4.6	2.0	**U**
110-54-3	n-Hexane	**45**	3.8	2.3	0.80	
67-66-3	Chloroform	**0.62**	2.8	0.90	0.37	**J**
109-99-9	Tetrahydrofuran (THF)	**25**	8.7	1.5	0.58	
107-06-2	1,2-Dichloroethane	1.1	3.3	1.1	0.37	**U**
71-43-2	Benzene	**160**	4.2	1.4	0.62	
56-23-5	Carbon Tetrachloride	**0.82**	2.1	0.70	0.30	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01227

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.39

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**8.8**	7.5	2.5	1.1	
75-27-4	Bromodichloromethane	0.65	2.0	0.65	0.30	**U**
79-01-6	Trichloroethene	**3.7**	2.4	0.81	0.34	
123-91-1	1,4-Dioxane	1.2	3.7	1.2	0.45	**U**
142-82-5	n-Heptane	**15**	3.3	2.0	0.53	
108-10-1	4-Methyl-2-pentanone	1.1	6.3	1.1	0.46	**U**
108-88-3	Toluene	**690**	3.5	1.2	0.44	
591-78-6	2-Hexanone	1.1	6.3	1.1	0.41	**U**
124-48-1	Dibromochloromethane	0.51	1.6	0.51	0.21	**U**
106-93-4	1,2-Dibromoethane	0.57	1.7	0.57	0.21	**U**
127-18-4	Tetrachloroethene	**1.1**	2.0	0.64	0.26	**J**
100-41-4	Ethylbenzene	**14**	3.1	1.0	0.44	
179601-23-1	m,p-Xylenes	**53**	5.9	2.0	0.83	
75-25-2	Bromoform	0.80	1.3	0.80	0.27	**U**
100-42-5	Styrene	1.9	3.1	1.9	0.52	**U**
95-47-6	o-Xylene	**13**	3.1	1.0	0.46	
108-67-8	1,3,5-Trimethylbenzene	**1.1**	2.8	0.89	0.40	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	2.7	0.89	0.39	**J**
120-82-1	1,2,4-Trichlorobenzene	1.1	3.5	1.1	0.45	**U**
91-20-3	Naphthalene	1.5	2.6	1.5	0.64	**U**
1330-20-7	Xylenes, Total	**66**	5.9	2.0	0.83	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01283

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.21

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**170**	52	32	13	
75-71-8	Dichlorodifluoromethane (CFC 12)	11	18	11	3.0	**U**
74-87-3	Chloromethane	27	43	27	7.2	**U**
75-01-4	Vinyl Chloride	11	36	11	3.8	**U**
106-99-0	1,3-Butadiene	25	40	25	6.8	**U**
75-00-3	Chloroethane	21	34	21	4.3	**U**
64-17-5	Ethanol	76	480	76	34	**U**
67-64-1	Acetone	200	380	200	87	**U**
75-69-4	Trichlorofluoromethane	9.8	16	9.8	2.5	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	44	70	44	15	**U**
75-09-2	Methylene Chloride	16	26	16	7.4	**U**
76-13-1	Trichlorotrifluoroethane	3.8	12	3.8	1.7	**U**
75-15-0	Carbon Disulfide	30	55	30	8.8	**U**
75-34-3	1,1-Dichloroethane	14	23	14	3.3	**U**
78-93-3	2-Butanone (MEK)	19	58	19	6.4	**U**
141-78-6	Ethyl Acetate	31	48	31	13	**U**
110-54-3	n-Hexane	**1,800**	25	16	5.4	
67-66-3	Chloroform	6.0	19	6.0	2.5	**U**
109-99-9	Tetrahydrofuran (THF)	**5.7**	58	9.9	3.9	**J**
107-06-2	1,2-Dichloroethane	7.2	22	7.2	2.5	**U**
71-43-2	Benzene	**1,800**	28	9.2	4.1	
56-23-5	Carbon Tetrachloride	4.7	14	4.7	2.0	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01283

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.21

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**7,900**	50	17	7.5	
75-27-4	Bromodichloromethane	4.4	13	4.4	2.0	**U**
79-01-6	Trichloroethene	5.4	16	5.4	2.3	**U**
123-91-1	1,4-Dioxane	8.1	25	8.1	3.0	**U**
142-82-5	n-Heptane	**1,100**	22	13	3.6	
108-10-1	4-Methyl-2-pentanone	7.1	42	7.1	3.1	**U**
108-88-3	Toluene	**2,200**	24	7.8	3.0	
591-78-6	2-Hexanone	7.1	42	7.1	2.8	**U**
124-48-1	Dibromochloromethane	3.4	11	3.4	1.4	**U**
106-93-4	1,2-Dibromoethane	3.8	12	3.8	1.4	**U**
127-18-4	Tetrachloroethene	4.3	13	4.3	1.8	**U**
100-41-4	Ethylbenzene	**120**	21	6.7	3.0	
179601-23-1	m,p-Xylenes	**1,300**	40	13	5.5	
75-25-2	Bromoform	5.3	8.8	5.3	1.8	**U**
100-42-5	Styrene	13	21	13	3.5	**U**
95-47-6	o-Xylene	**500**	21	6.7	3.1	
108-67-8	1,3,5-Trimethylbenzene	**100**	19	6.0	2.7	
95-63-6	1,2,4-Trimethylbenzene	**89**	18	6.0	2.6	
120-82-1	1,2,4-Trichlorobenzene	7.4	23	7.4	3.0	**U**
91-20-3	Naphthalene	10	17	10	4.3	**U**
1330-20-7	Xylenes, Total	**1,800**	40	13	5.5	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00989

Initial Pressure (psig): -4.14 Final Pressure (psig): 5.21

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**160**	57	35	14	
75-71-8	Dichlorodifluoromethane (CFC 12)	12	20	12	3.3	**U**
74-87-3	Chloromethane	29	48	29	7.9	**U**
75-01-4	Vinyl Chloride	13	39	13	4.2	**U**
106-99-0	1,3-Butadiene	27	44	27	7.5	**U**
75-00-3	Chloroethane	23	37	23	4.7	**U**
64-17-5	Ethanol	83	530	83	37	**U**
67-64-1	Acetone	210	410	210	96	**U**
75-69-4	Trichlorofluoromethane	11	17	11	2.7	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	48	77	48	17	**U**
75-09-2	Methylene Chloride	17	28	17	8.2	**U**
76-13-1	Trichlorotrifluoroethane	4.2	13	4.2	1.9	**U**
75-15-0	Carbon Disulfide	33	61	33	9.7	**U**
75-34-3	1,1-Dichloroethane	15	25	15	3.6	**U**
78-93-3	2-Butanone (MEK)	21	64	21	7.1	**U**
141-78-6	Ethyl Acetate	**19**	52	34	15	**J**
110-54-3	n-Hexane	**1,600**	28	17	5.9	
67-66-3	Chloroform	6.6	21	6.6	2.7	**U**
109-99-9	Tetrahydrofuran (THF)	11	64	11	4.3	**U**
107-06-2	1,2-Dichloroethane	7.9	24	7.9	2.8	**U**
71-43-2	Benzene	**1,600**	31	10	4.6	
56-23-5	Carbon Tetrachloride	5.1	15	5.1	2.2	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00989

Initial Pressure (psig): -4.14 Final Pressure (psig): 5.21

Container Dilution Factor: 1.89

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**7,400**	55	19	8.2	
75-27-4	Bromodichloromethane	4.8	15	4.8	2.2	**U**
79-01-6	Trichloroethene	6.0	18	6.0	2.5	**U**
123-91-1	1,4-Dioxane	8.9	27	8.9	3.3	**U**
142-82-5	n-Heptane	**1,100**	24	15	3.9	
108-10-1	4-Methyl-2-pentanone	7.8	46	7.8	3.4	**U**
108-88-3	Toluene	**2,100**	26	8.5	3.3	
591-78-6	2-Hexanone	7.8	46	7.8	3.0	**U**
124-48-1	Dibromochloromethane	3.8	12	3.8	1.6	**U**
106-93-4	1,2-Dibromoethane	4.2	13	4.2	1.5	**U**
127-18-4	Tetrachloroethene	4.7	14	4.7	1.9	**U**
100-41-4	Ethylbenzene	**110**	23	7.4	3.3	
179601-23-1	m,p-Xylenes	**1,200**	44	15	6.1	
75-25-2	Bromoform	5.9	9.7	5.9	2.0	**U**
100-42-5	Styrene	14	23	14	3.8	**U**
95-47-6	o-Xylene	**460**	23	7.4	3.4	
108-67-8	1,3,5-Trimethylbenzene	**88**	20	6.5	3.0	
95-63-6	1,2,4-Trimethylbenzene	**77**	20	6.5	2.8	
120-82-1	1,2,4-Trichlorobenzene	8.2	25	8.2	3.3	**U**
91-20-3	Naphthalene	11	19	11	4.7	**U**
1330-20-7	Xylenes, Total	**1,700**	44	15	6.1	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE13-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01193

Initial Pressure (psig): -3.30 Final Pressure (psig): 5.41

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	650	1,100	650	270	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	230	370	230	62	**U**
74-87-3	Chloromethane	550	890	550	150	**U**
75-01-4	Vinyl Chloride	230	730	230	79	**U**
106-99-0	1,3-Butadiene	510	830	510	140	**U**
75-00-3	Chloroethane	430	690	430	88	**U**
64-17-5	Ethanol	1,600	9,900	1,600	690	**U**
67-64-1	Acetone	4,000	7,700	4,000	1,800	**U**
75-69-4	Trichlorofluoromethane	200	320	200	51	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	900	1,400	900	320	**U**
75-09-2	Methylene Chloride	320	530	320	150	**U**
76-13-1	Trichlorotrifluoroethane	78	240	78	35	**U**
75-15-0	Carbon Disulfide	610	1,100	610	180	**U**
75-34-3	1,1-Dichloroethane	290	470	290	68	**U**
78-93-3	2-Butanone (MEK)	380	1,200	380	130	**U**
141-78-6	Ethyl Acetate	640	980	640	270	**U**
110-54-3	n-Hexane	**58,000**	520	320	110	
67-66-3	Chloroform	120	380	120	51	**U**
109-99-9	Tetrahydrofuran (THF)	200	1,200	200	80	**U**
107-06-2	1,2-Dichloroethane	150	450	150	51	**U**
71-43-2	Benzene	**8,000**	570	190	85	
56-23-5	Carbon Tetrachloride	95	290	95	41	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE13-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01193

Initial Pressure (psig): -3.30 Final Pressure (psig): 5.41

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**89,000**		1,000	350	150	
75-27-4	Bromodichloromethane		89	270	89	40	**U**
79-01-6	Trichloroethene		110	330	110	47	**U**
123-91-1	1,4-Dioxane		170	510	170	62	**U**
142-82-5	n-Heptane	**54,000**		450	270	73	
108-10-1	4-Methyl-2-pentanone		150	860	150	63	**U**
108-88-3	Toluene	**7,800**		490	160	61	
591-78-6	2-Hexanone		150	860	150	57	**U**
124-48-1	Dibromochloromethane		70	210	70	29	**U**
106-93-4	1,2-Dibromoethane		78	240	78	28	**U**
127-18-4	Tetrachloroethene		88	270	88	36	**U**
100-41-4	Ethylbenzene	**610**		420	140	61	
179601-23-1	m,p-Xylenes	**1,400**		810	280	110	
75-25-2	Bromoform		110	180	110	37	**U**
100-42-5	Styrene		260	430	260	71	**U**
95-47-6	o-Xylene	**1,300**		430	140	62	
108-67-8	1,3,5-Trimethylbenzene	**440**		380	120	55	
95-63-6	1,2,4-Trimethylbenzene	**1,000**		370	120	53	
120-82-1	1,2,4-Trichlorobenzene		150	470	150	62	**U**
91-20-3	Naphthalene		210	350	210	87	**U**
1330-20-7	Xylenes, Total	**2,700**		810	280	110	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102356

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/16 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210516-MB	**92**	**108**	**113**	70-130	
Method Blank	P210517-MB	**92**	**107**	**106**	70-130	
Method Blank	P210518-MB	**91**	**106**	**111**	70-130	
Lab Control Sample	P210516-LCS	**92**	**102**	**112**	70-130	
Lab Control Sample	P210517-LCS	**91**	**102**	**104**	70-130	
Lab Control Sample	P210518-LCS	**90**	**102**	**108**	70-130	
Duplicate Lab Control Sample	P210516-DLCS	**92**	**103**	**110**	70-130	
Duplicate Lab Control Sample	P210517-DLCS	**92**	**102**	**104**	70-130	
Duplicate Lab Control Sample	P210518-DLCS	**90**	**102**	**108**	70-130	
SV1-160-212	P2102356-001	**92**	**104**	**104**	70-130	
SV1-217-212	P2102356-002	**92**	**106**	**105**	70-130	
SV1-252-212	P2102356-003	**92**	**106**	**106**	70-130	
SV1-263-212	P2102356-004	**91**	**105**	**108**	70-130	
SV2-102-212	P2102356-005	**92**	**105**	**106**	70-130	
SV2-117-212	P2102356-006	**91**	**106**	**109**	70-130	
SV2-160-212	P2102356-007	**90**	**93**	**94**	70-130	
SV2-217-212	P2102356-008	**90**	**107**	**109**	70-130	
SV2-252-212	P2102356-009	**92**	**99**	**101**	70-130	
SV2-270-212	P2102356-010	**90**	**99**	**102**	70-130	
SVE01-260-212	P2102356-011	**89**	**107**	**108**	70-130	
SVE02-060-212	P2102356-012	**90**	**98**	**102**	70-130	
SVE03-160-212	P2102356-013	**89**	**106**	**107**	70-130	
SVE04-313-212	P2102356-014	**89**	**106**	**107**	70-130	
SVE05-460-212	P2102356-015	**90**	**102**	**106**	70-130	
SVE10-410-612	P2102356-016	**90**	**107**	**110**	70-130	
SVE10-410-212	P2102356-017	**89**	**107**	**110**	70-130	
SVE11-410-212	P2102356-018	**89**	**93**	**98**	70-130	
SVE11-410-612	P2102356-019	**87**	**97**	**100**	70-130	
SVE13-410-212	P2102356-020	**90**	**104**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	90.6	91.0	**74**	**75**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.3	40.2	**97**	**95**	59-128	2	25	
74-87-3	Chloromethane	99.8	92.3	92.9	**92**	**93**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	76.1	78.4	**93**	**96**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	95.3	98.3	**100**	**103**	66-134	3	25	
75-00-3	Chloroethane	77.3	71.2	75.5	**92**	**98**	63-127	6	25	
64-17-5	Ethanol	530	404	436	**76**	**82**	59-125	8	25	
67-64-1	Acetone	435	358	372	**82**	**86**	58-128	5	25	
75-69-4	Trichlorofluoromethane	36.3	37.0	36.5	**102**	**101**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	133	140	**80**	**84**	52-125	5	25	
75-09-2	Methylene Chloride	59.9	56.4	58.2	**94**	**97**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	29.2	29.1	**105**	**104**	66-126	1	25	
75-15-0	Carbon Disulfide	137	130	133	**95**	**97**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	44.9	46.6	**86**	**89**	68-126	3	25	
78-93-3	2-Butanone (MEK)	140	132	136	**94**	**97**	67-130	3	25	
141-78-6	Ethyl Acetate	117	136	141	**116**	**121**	65-128	4	25	
110-54-3	n-Hexane	60.2	46.8	48.2	**78**	**80**	63-120	3	25	
67-66-3	Chloroform	43.8	41.8	41.9	**95**	**96**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	120	125	**88**	**92**	64-123	4	25	
107-06-2	1,2-Dichloroethane	51.4	50.7	50.1	**99**	**97**	65-128	2	25	
71-43-2	Benzene	63.9	53.2	54.3	**83**	**85**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	35.6	35.1	**107**	**105**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	115	117	**95**	**97**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	31.5	31.6	**100**	**101**	72-128	1	25	
79-01-6	Trichloroethene	38.3	40.5	40.1	**106**	**105**	71-123	0.9	25	
123-91-1	1,4-Dioxane	57.7	52.8	54.0	**92**	**94**	71-122	2	25	
142-82-5	n-Heptane	51.3	46.7	47.6	**91**	**93**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	95.0	97.4	**93**	**95**	67-130	2	25	
108-88-3	Toluene	54.7	54.6	55.3	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	98.7	92.3	95.7	**94**	**97**	62-128	3	25	
124-48-1	Dibromochloromethane	24.7	30.9	30.8	**125**	**125**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	32.2	32.4	**119**	**120**	74-122	0.8	25	
127-18-4	Tetrachloroethene	30.4	34.8	34.4	**114**	**113**	66-124	0.9	25	
100-41-4	Ethylbenzene	47.4	51.0	51.3	**108**	**108**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	103	103	**109**	**109**	61-134	0	25	
75-25-2	Bromoform	20.1	27.7	27.3	**138**	**136**	66-139	1	25	
100-42-5	Styrene	48.4	52.3	52.3	**108**	**108**	73-127	0	25	
95-47-6	o-Xylene	47.4	51.3	51.2	**108**	**108**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	46.9	46.5	**112**	**111**	67-130	0.9	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	47.8	47.4	**115**	**114**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	60.0	62.9	**115**	**120**	55-142	4	25	
91-20-3	Naphthalene	37.8	42.2	45.1	**112**	**119**	57-138	6	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	103	99.6	**84**	**82**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	40.1	38.9	**94**	**92**	59-128	2	25	
74-87-3	Chloromethane	99.8	105	100	**105**	**100**	59-132	5	25	
75-01-4	Vinyl Chloride	81.4	85.0	83.8	**104**	**103**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	108	107	**114**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	84.2	82.3	**109**	**106**	63-127	3	25	
64-17-5	Ethanol	530	489	487	**92**	**92**	59-125	0	25	
67-64-1	Acetone	435	404	401	**93**	**92**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	35.6	35.1	**98**	**97**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	152	152	**92**	**92**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	60.4	59.6	**101**	**99**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.6	28.2	**103**	**101**	66-126	2	25	
75-15-0	Carbon Disulfide	137	139	138	**101**	**101**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	49.2	48.8	**94**	**93**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	141	141	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	117	151	151	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	51.8	51.7	**86**	**86**	63-120	0	25	
67-66-3	Chloroform	43.8	42.2	41.9	**96**	**96**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	129	130	**95**	**96**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	49.6	49.1	**96**	**96**	65-128	0	25	
71-43-2	Benzene	63.9	56.2	55.4	**88**	**87**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	33.1	32.9	**99**	**99**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	120	119	**99**	**98**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	31.5	31.1	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	38.3	39.6	38.9	**103**	**102**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	54.6	54.1	**95**	**94**	71-122	1	25	
142-82-5	n-Heptane	51.3	49.5	49.2	**96**	**96**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	103	102	**101**	**100**	67-130	1	25	
108-88-3	Toluene	54.7	54.6	54.0	**100**	**99**	66-119	1	25	
591-78-6	2-Hexanone	98.7	98.8	98.8	**100**	**100**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	29.1	28.8	**118**	**117**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	27.1	31.7	31.3	**117**	**115**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	32.4	32.0	**107**	**105**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	49.9	49.6	**105**	**105**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	99.6	98.5	**105**	**104**	61-134	1	25	
75-25-2	Bromoform	20.1	25.3	25.0	**126**	**124**	66-139	2	25	
100-42-5	Styrene	48.4	50.4	50.2	**104**	**104**	73-127	0	25	
95-47-6	o-Xylene	47.4	49.5	49.0	**104**	**103**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	44.2	43.7	**105**	**104**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	44.9	44.4	**108**	**107**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.4	59.7	**114**	**114**	55-142	0	25	
91-20-3	Naphthalene	37.8	43.5	44.0	**115**	**116**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	94.7	93.5	**78**	**77**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	38.3	38.0	**90**	**89**	59-128	1	25	
74-87-3	Chloromethane	99.8	98.2	95.0	**98**	**95**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	80.2	80.7	**99**	**99**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	101	102	**106**	**107**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	79.3	78.9	**103**	**102**	63-127	1	25	
64-17-5	Ethanol	530	456	461	**86**	**87**	59-125	1	25	
67-64-1	Acetone	435	380	383	**87**	**88**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	34.4	34.4	**95**	**95**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	143	144	**86**	**87**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	57.8	58.3	**96**	**97**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.0	28.0	**100**	**100**	66-126	0	25	
75-15-0	Carbon Disulfide	137	133	134	**97**	**98**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	46.5	47.0	**89**	**90**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	135	136	**96**	**97**	67-130	1	25	
141-78-6	Ethyl Acetate	117	142	144	**121**	**123**	65-128	2	25	
110-54-3	n-Hexane	60.2	48.5	49.4	**81**	**82**	63-120	1	25	
67-66-3	Chloroform	43.8	40.5	40.9	**92**	**93**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	124	124	**91**	**91**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	47.1	47.8	**92**	**93**	65-128	1	25	
71-43-2	Benzene	63.9	54.1	54.4	**85**	**85**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	32.4	32.6	**97**	**98**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	116	117	**96**	**97**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	30.5	30.6	**97**	**97**	72-128	0	25	
79-01-6	Trichloroethene	38.3	38.7	38.8	**101**	**101**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	53.1	53.2	**92**	**92**	71-122	0	25	
142-82-5	n-Heptane	51.3	47.4	47.7	**92**	**93**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	97.8	98.7	**96**	**97**	67-130	1	25	
108-88-3	Toluene	54.7	52.7	53.3	**96**	**97**	66-119	1	25	
591-78-6	2-Hexanone	98.7	92.4	93.6	**94**	**95**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	28.4	28.6	**115**	**116**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	27.1	30.7	31.0	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	31.9	32.2	**105**	**106**	66-124	0.9	25	
100-41-4	Ethylbenzene	47.4	48.4	48.8	**102**	**103**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	96.2	97.1	**101**	**102**	61-134	1	25	
75-25-2	Bromoform	20.1	24.9	25.0	**124**	**124**	66-139	0	25	
100-42-5	Styrene	48.4	49.0	49.5	**101**	**102**	73-127	1	25	
95-47-6	o-Xylene	47.4	47.9	48.3	**101**	**102**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	42.9	43.1	**102**	**103**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	43.5	43.7	**105**	**105**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	60.9	61.7	**116**	**118**	55-142	2	25	
91-20-3	Naphthalene	37.8	45.2	45.8	**120**	**121**	57-138	0.8	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01338

Initial Pressure (psig): -4.54 Final Pressure (psig): 5.39

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,400**	5,100	3,200	1,300	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	3,200	5,100	3,200	860	**U**
74-87-3	Chloromethane	3,200	5,100	3,200	850	**U**
75-01-4	Vinyl Chloride	1,700	5,200	1,700	560	**U**
106-99-0	1,3-Butadiene	3,200	5,100	3,200	870	**U**
75-00-3	Chloroethane	3,200	5,100	3,200	650	**U**
64-17-5	Ethanol	**67,000**	52,000	8,200	3,700	
67-64-1	Acetone	**1,100,000**	51,000	27,000	12,000	
75-69-4	Trichlorofluoromethane	3,200	5,000	3,200	800	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**160,000**	9,900	6,200	2,200	
75-09-2	Methylene Chloride	3,200	5,100	3,200	1,500	**U**
76-13-1	Trichlorotrifluoroethane	1,700	5,200	1,700	750	**U**
75-15-0	Carbon Disulfide	**2,500**	9,900	5,300	1,600	**J**
75-34-3	1,1-Dichloroethane	3,300	5,300	3,300	770	**U**
78-93-3	2-Butanone (MEK)	**36,000**	9,900	3,200	1,100	
141-78-6	Ethyl Acetate	6,400	9,900	6,400	2,800	**U**
110-54-3	n-Hexane	**230,000**	5,100	3,200	1,100	
67-66-3	Chloroform	1,700	5,200	1,700	700	**U**
109-99-9	Tetrahydrofuran (THF)	1,700	9,900	1,700	660	**U**
107-06-2	1,2-Dichloroethane	1,700	5,100	1,700	580	**U**
71-43-2	Benzene	**110,000**	5,100	1,700	760	
56-23-5	Carbon Tetrachloride	1,700	5,000	1,700	730	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS01338

Initial Pressure (psig): -4.54 Final Pressure (psig): 5.39

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**590,000**	9,900	3,400	1,500	
75-27-4	Bromodichloromethane	1,700	5,100	1,700	760	**U**
79-01-6	Trichloroethene	1,700	5,000	1,700	710	**U**
123-91-1	1,4-Dioxane	1,700	5,100	1,700	620	**U**
142-82-5	n-Heptane	**1,000,000**	5,100	3,200	840	
108-10-1	4-Methyl-2-pentanone	**1,700**	9,900	1,700	720	**J**
108-88-3	Toluene	**700,000**	5,100	1,700	640	
591-78-6	2-Hexanone	1,700	9,900	1,700	650	**U**
124-48-1	Dibromochloromethane	1,700	5,100	1,700	690	**U**
106-93-4	1,2-Dibromoethane	1,700	5,100	1,700	610	**U**
127-18-4	Tetrachloroethene	1,700	5,100	1,700	680	**U**
100-41-4	Ethylbenzene	**130,000**	5,100	1,700	740	
179601-23-1	m,p-Xylenes	**230,000**	9,900	3,400	1,400	
75-25-2	Bromoform	3,200	5,200	3,200	1,100	**U**
100-42-5	Styrene	3,200	5,100	3,200	850	**U**
95-47-6	o-Xylene	**74,000**	5,200	1,700	760	
108-67-8	1,3,5-Trimethylbenzene	**11,000**	5,200	1,700	760	
95-63-6	1,2,4-Trimethylbenzene	**24,000**	5,100	1,700	730	
120-82-1	1,2,4-Trichlorobenzene	3,200	9,900	3,200	1,300	**U**
91-20-3	Naphthalene	3,100	5,100	3,100	1,300	**U**
1330-20-7	Xylenes, Total	**310,000**	9,900	3,400	1,400	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01322

Initial Pressure (psig): -4.85 Final Pressure (psig): 5.43

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,800**		18,000	11,000	4,400	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		11,000	18,000	11,000	3,000	**U**
74-87-3	Chloromethane		11,000	18,000	11,000	2,900	**U**
75-01-4	Vinyl Chloride		5,800	18,000	5,800	1,900	**U**
106-99-0	1,3-Butadiene		11,000	18,000	11,000	3,000	**U**
75-00-3	Chloroethane		11,000	18,000	11,000	2,200	**U**
64-17-5	Ethanol	**47,000**		180,000	28,000	13,000	**J**
67-64-1	Acetone	**1,800,000**		180,000	92,000	41,000	
75-69-4	Trichlorofluoromethane		11,000	17,000	11,000	2,800	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**17,000**		34,000	21,000	7,500	**J**
75-09-2	Methylene Chloride		11,000	18,000	11,000	5,100	**U**
76-13-1	Trichlorotrifluoroethane		5,800	18,000	5,800	2,600	**U**
75-15-0	Carbon Disulfide	**7,400**		34,000	18,000	5,400	**J**
75-34-3	1,1-Dichloroethane		11,000	18,000	11,000	2,700	**U**
78-93-3	2-Butanone (MEK)	**110,000**		34,000	11,000	3,700	
141-78-6	Ethyl Acetate		22,000	34,000	22,000	9,500	**U**
110-54-3	n-Hexane	**2,700,000**		18,000	11,000	3,700	
67-66-3	Chloroform		5,800	18,000	5,800	2,400	**U**
109-99-9	Tetrahydrofuran (THF)		5,800	34,000	5,800	2,300	**U**
107-06-2	1,2-Dichloroethane		5,800	18,000	5,800	2,000	**U**
71-43-2	Benzene	**600,000**		18,000	5,800	2,600	
56-23-5	Carbon Tetrachloride		5,800	17,000	5,800	2,500	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01322

Initial Pressure (psig): -4.85 Final Pressure (psig): 5.43

Container Dilution Factor: 2.04

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,400,000**		34,000	12,000	5,100	
75-27-4	Bromodichloromethane		5,800	18,000	5,800	2,600	**U**
79-01-6	Trichloroethene		5,800	17,000	5,800	2,400	**U**
123-91-1	1,4-Dioxane		5,800	18,000	5,800	2,100	**U**
142-82-5	n-Heptane	**3,000,000**		18,000	11,000	2,900	
108-10-1	4-Methyl-2-pentanone		5,800	34,000	5,800	2,500	**U**
108-88-3	Toluene	**1,500,000**		18,000	5,800	2,200	
591-78-6	2-Hexanone		5,800	34,000	5,800	2,200	**U**
124-48-1	Dibromochloromethane		5,800	18,000	5,800	2,400	**U**
106-93-4	1,2-Dibromoethane		5,800	18,000	5,800	2,100	**U**
127-18-4	Tetrachloroethene		5,800	18,000	5,800	2,300	**U**
100-41-4	Ethylbenzene	**140,000**		18,000	5,800	2,600	
179601-23-1	m,p-Xylenes	**390,000**		34,000	12,000	4,800	
75-25-2	Bromoform		11,000	18,000	11,000	3,700	**U**
100-42-5	Styrene		11,000	18,000	11,000	2,900	**U**
95-47-6	o-Xylene	**110,000**		18,000	5,800	2,600	
108-67-8	1,3,5-Trimethylbenzene	**15,000**		18,000	5,800	2,600	**J**
95-63-6	1,2,4-Trimethylbenzene	**29,000**		18,000	5,800	2,500	
120-82-1	1,2,4-Trichlorobenzene		11,000	34,000	11,000	4,400	**U**
91-20-3	Naphthalene		11,000	18,000	11,000	4,400	**U**
1330-20-7	Xylenes, Total	**500,000**		34,000	12,000	4,800	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS00906

Initial Pressure (psig): -4.44 Final Pressure (psig): 5.55

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**7,300**		26,000	16,000	6,400	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		16,000	26,000	16,000	4,300	**U**
74-87-3	Chloromethane		16,000	26,000	16,000	4,200	**U**
75-01-4	Vinyl Chloride		8,400	26,000	8,400	2,800	**U**
106-99-0	1,3-Butadiene		16,000	26,000	16,000	4,300	**U**
75-00-3	Chloroethane		16,000	26,000	16,000	3,300	**U**
64-17-5	Ethanol	**19,000**		260,000	41,000	18,000	**J**
67-64-1	Acetone	**600,000**		260,000	130,000	59,000	
75-69-4	Trichlorofluoromethane		16,000	25,000	16,000	4,000	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**13,000**		49,000	31,000	11,000	**J**
75-09-2	Methylene Chloride		16,000	26,000	16,000	7,400	**U**
76-13-1	Trichlorotrifluoroethane		8,400	26,000	8,400	3,700	**U**
75-15-0	Carbon Disulfide		27,000	49,000	27,000	7,900	**U**
75-34-3	1,1-Dichloroethane		16,000	27,000	16,000	3,800	**U**
78-93-3	2-Butanone (MEK)	**120,000**		49,000	16,000	5,400	
141-78-6	Ethyl Acetate		32,000	49,000	32,000	14,000	**U**
110-54-3	n-Hexane	**130,000**		26,000	16,000	5,400	
67-66-3	Chloroform		8,400	26,000	8,400	3,500	**U**
109-99-9	Tetrahydrofuran (THF)		8,400	49,000	8,400	3,300	**U**
107-06-2	1,2-Dichloroethane		8,400	26,000	8,400	2,900	**U**
71-43-2	Benzene	**85,000**		26,000	8,400	3,800	
56-23-5	Carbon Tetrachloride		8,400	25,000	8,400	3,600	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS00906

Initial Pressure (psig): -4.44 Final Pressure (psig): 5.55

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**500,000**		49,000	17,000	7,400	
75-27-4	Bromodichloromethane		8,400	26,000	8,400	3,800	**U**
79-01-6	Trichloroethene		8,400	25,000	8,400	3,500	**U**
123-91-1	1,4-Dioxane		8,400	26,000	8,400	3,100	**U**
142-82-5	n-Heptane	**3,900,000**		26,000	16,000	4,200	
108-10-1	4-Methyl-2-pentanone	**11,000**		49,000	8,400	3,600	**J**
108-88-3	Toluene	**2,700,000**		26,000	8,400	3,200	
591-78-6	2-Hexanone		8,400	49,000	8,400	3,300	**U**
124-48-1	Dibromochloromethane		8,400	26,000	8,400	3,400	**U**
106-93-4	1,2-Dibromoethane		8,400	26,000	8,400	3,100	**U**
127-18-4	Tetrachloroethene		8,400	26,000	8,400	3,400	**U**
100-41-4	Ethylbenzene	**210,000**		26,000	8,400	3,700	
179601-23-1	m,p-Xylenes	**570,000**		49,000	17,000	6,900	
75-25-2	Bromoform		16,000	26,000	16,000	5,400	**U**
100-42-5	Styrene		16,000	26,000	16,000	4,200	**U**
95-47-6	o-Xylene	**150,000**		26,000	8,400	3,800	
108-67-8	1,3,5-Trimethylbenzene	**14,000**		26,000	8,400	3,800	**J**
95-63-6	1,2,4-Trimethylbenzene	**30,000**		26,000	8,400	3,600	
120-82-1	1,2,4-Trichlorobenzene		16,000	49,000	16,000	6,400	**U**
91-20-3	Naphthalene		15,000	26,000	15,000	6,400	**U**
1330-20-7	Xylenes, Total	**720,000**		49,000	17,000	6,900	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-263-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes: 0.000025 Liter(s)
Container ID: 1SS01312

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.44

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**9,900**		20,000	12,000	5,000	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		12,000	20,000	12,000	3,400	**U**
74-87-3	Chloromethane		12,000	20,000	12,000	3,300	**U**
75-01-4	Vinyl Chloride		6,600	21,000	6,600	2,200	**U**
106-99-0	1,3-Butadiene		12,000	20,000	12,000	3,400	**U**
75-00-3	Chloroethane		12,000	20,000	12,000	2,600	**U**
64-17-5	Ethanol		32,000	210,000	32,000	14,000	**U**
67-64-1	Acetone	**1,200,000**		200,000	100,000	47,000	
75-69-4	Trichlorofluoromethane		12,000	20,000	12,000	3,100	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**35,000**		39,000	24,000	8,500	**J**
75-09-2	Methylene Chloride		12,000	20,000	12,000	5,800	**U**
76-13-1	Trichlorotrifluoroethane		6,600	21,000	6,600	2,900	**U**
75-15-0	Carbon Disulfide		21,000	39,000	21,000	6,200	**U**
75-34-3	1,1-Dichloroethane		13,000	21,000	13,000	3,000	**U**
78-93-3	2-Butanone (MEK)	**250,000**		39,000	12,000	4,300	
141-78-6	Ethyl Acetate		25,000	39,000	25,000	11,000	**U**
110-54-3	n-Hexane	**290,000**		20,000	12,000	4,300	
67-66-3	Chloroform		6,600	21,000	6,600	2,800	**U**
109-99-9	Tetrahydrofuran (THF)		6,600	39,000	6,600	2,600	**U**
107-06-2	1,2-Dichloroethane		6,600	20,000	6,600	2,300	**U**
71-43-2	Benzene	**170,000**		20,000	6,600	3,000	
56-23-5	Carbon Tetrachloride		6,600	20,000	6,600	2,900	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV1-263-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes: 0.000025 Liter(s)
Container ID: 1SS01312

Initial Pressure (psig): -4.32 Final Pressure (psig): 5.44

Container Dilution Factor: 1.94

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**830,000**		39,000	13,000	5,800	
75-27-4	Bromodichloromethane		6,600	20,000	6,600	3,000	**U**
79-01-6	Trichloroethene		6,600	20,000	6,600	2,800	**U**
123-91-1	1,4-Dioxane		6,600	20,000	6,600	2,400	**U**
142-82-5	n-Heptane	**4,200,000**		40,000	25,000	6,600	**D**
108-10-1	4-Methyl-2-pentanone	**20,000**		39,000	6,600	2,800	**J**
108-88-3	Toluene	**3,700,000**		20,000	6,600	2,500	
591-78-6	2-Hexanone		6,600	39,000	6,600	2,600	**U**
124-48-1	Dibromochloromethane		6,600	20,000	6,600	2,700	**U**
106-93-4	1,2-Dibromoethane	**16,000**		20,000	6,600	2,400	**J**
127-18-4	Tetrachloroethene		6,600	20,000	6,600	2,700	**U**
100-41-4	Ethylbenzene	**270,000**		20,000	6,600	2,900	
179601-23-1	m,p-Xylenes	**670,000**		39,000	13,000	5,400	
75-25-2	Bromoform		12,000	21,000	12,000	4,300	**U**
100-42-5	Styrene		12,000	20,000	12,000	3,300	**U**
95-47-6	o-Xylene	**170,000**		21,000	6,600	3,000	
108-67-8	1,3,5-Trimethylbenzene	**25,000**		21,000	6,600	3,000	
95-63-6	1,2,4-Trimethylbenzene	**64,000**		20,000	6,600	2,900	
120-82-1	1,2,4-Trichlorobenzene		12,000	39,000	12,000	5,000	**U**
91-20-3	Naphthalene		12,000	20,000	12,000	5,000	**U**
1330-20-7	Xylenes, Total	**840,000**		39,000	13,000	5,400	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV2-102-212**	ALS Project ID:	P2102356
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102356-005
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/23/21
Analyst:	Simon Cao	Date Analyzed:	5/17/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.000050 Liter(s)
Test Notes:			0.000025 Liter(s)
Container ID:	1SS01205		

Initial Pressure (psig): -5.09 Final Pressure (psig): 5.49

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**7,800**		22,000	13,000	5,500	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		13,000	22,000	13,000	3,700	**U**
74-87-3	Chloromethane		13,000	22,000	13,000	3,600	**U**
75-01-4	Vinyl Chloride		7,100	22,000	7,100	2,400	**U**
106-99-0	1,3-Butadiene		13,000	22,000	13,000	3,700	**U**
75-00-3	Chloroethane		13,000	22,000	13,000	2,800	**U**
64-17-5	Ethanol	**160,000**		220,000	35,000	16,000	**J**
67-64-1	Acetone	**3,500,000**		220,000	110,000	50,000	
75-69-4	Trichlorofluoromethane		13,000	21,000	13,000	3,400	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**270,000**		42,000	26,000	9,200	
75-09-2	Methylene Chloride		13,000	22,000	13,000	6,300	**U**
76-13-1	Trichlorotrifluoroethane		7,100	22,000	7,100	3,200	**U**
75-15-0	Carbon Disulfide	**12,000**		42,000	23,000	6,700	**J**
75-34-3	1,1-Dichloroethane		14,000	23,000	14,000	3,300	**U**
78-93-3	2-Butanone (MEK)	**530,000**		42,000	13,000	4,600	
141-78-6	Ethyl Acetate		27,000	42,000	27,000	12,000	**U**
110-54-3	n-Hexane	**5,400,000**		44,000	27,000	9,200	**D**
67-66-3	Chloroform		7,100	22,000	7,100	3,000	**U**
109-99-9	Tetrahydrofuran (THF)		7,100	42,000	7,100	2,800	**U**
107-06-2	1,2-Dichloroethane		7,100	22,000	7,100	2,500	**U**
71-43-2	Benzene	**1,300,000**		22,000	7,100	3,200	
56-23-5	Carbon Tetrachloride		7,100	21,000	7,100	3,100	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-102-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000050 Liter(s)
Test Notes: 0.000025 Liter(s)
Container ID: 1SS01205

Initial Pressure (psig): -5.09 Final Pressure (psig): 5.49

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4,700,000**		42,000	14,000	6,300	
75-27-4	Bromodichloromethane		7,100	22,000	7,100	3,200	**U**
79-01-6	Trichloroethene		7,100	21,000	7,100	3,000	**U**
123-91-1	1,4-Dioxane		7,100	22,000	7,100	2,600	**U**
142-82-5	n-Heptane	**4,100,000**		44,000	27,000	7,100	**D**
108-10-1	4-Methyl-2-pentanone	**15,000**		42,000	7,100	3,100	**J**
108-88-3	Toluene	**2,500,000**		22,000	7,100	2,700	
591-78-6	2-Hexanone		7,100	42,000	7,100	2,800	**U**
124-48-1	Dibromochloromethane		7,100	22,000	7,100	2,900	**U**
106-93-4	1,2-Dibromoethane		7,100	22,000	7,100	2,600	**U**
127-18-4	Tetrachloroethene		7,100	22,000	7,100	2,900	**U**
100-41-4	Ethylbenzene	**140,000**		22,000	7,100	3,200	
179601-23-1	m,p-Xylenes	**310,000**		42,000	14,000	5,900	
75-25-2	Bromoform		13,000	22,000	13,000	4,600	**U**
100-42-5	Styrene		13,000	22,000	13,000	3,600	**U**
95-47-6	o-Xylene	**84,000**		22,000	7,100	3,200	
108-67-8	1,3,5-Trimethylbenzene	**9,300**		22,000	7,100	3,200	**J**
95-63-6	1,2,4-Trimethylbenzene	**18,000**		22,000	7,100	3,100	**J**
120-82-1	1,2,4-Trichlorobenzene		13,000	42,000	13,000	5,500	**U**
91-20-3	Naphthalene		13,000	22,000	13,000	5,500	**U**
1330-20-7	Xylenes, Total	**400,000**		42,000	14,000	5,900	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-117-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000025 Liter(s)
Test Notes:
Container ID: 1SS01323

Initial Pressure (psig): -4.71 Final Pressure (psig): 5.29

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	26,000	42,000	26,000	10,000	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	26,000	42,000	26,000	7,000	**U**
74-87-3	Chloromethane	26,000	42,000	26,000	6,900	**U**
75-01-4	Vinyl Chloride	14,000	42,000	14,000	4,600	**U**
106-99-0	1,3-Butadiene	26,000	42,000	26,000	7,000	**U**
75-00-3	Chloroethane	26,000	42,000	26,000	5,300	**U**
64-17-5	Ethanol	**51,000**	420,000	66,000	30,000	**J**
67-64-1	Acetone	**1,800,000**	420,000	220,000	96,000	
75-69-4	Trichlorofluoromethane	26,000	41,000	26,000	6,500	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**26,000**	80,000	50,000	18,000	**J**
75-09-2	Methylene Chloride	26,000	42,000	26,000	12,000	**U**
76-13-1	Trichlorotrifluoroethane	14,000	42,000	14,000	6,100	**U**
75-15-0	Carbon Disulfide	43,000	80,000	43,000	13,000	**U**
75-34-3	1,1-Dichloroethane	26,000	43,000	26,000	6,200	**U**
78-93-3	2-Butanone (MEK)	**160,000**	80,000	26,000	8,800	
141-78-6	Ethyl Acetate	52,000	80,000	52,000	22,000	**U**
110-54-3	n-Hexane	**7,300,000**	42,000	26,000	8,800	
67-66-3	Chloroform	14,000	42,000	14,000	5,700	**U**
109-99-9	Tetrahydrofuran (THF)	14,000	80,000	14,000	5,400	**U**
107-06-2	1,2-Dichloroethane	14,000	42,000	14,000	4,700	**U**
71-43-2	Benzene	**1,500,000**	42,000	14,000	6,200	
56-23-5	Carbon Tetrachloride	14,000	41,000	14,000	5,900	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-117-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-006

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000025 Liter(s)
Test Notes:
Container ID: 1SS01323

Initial Pressure (psig): -4.71 Final Pressure (psig): 5.29

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**5,100,000**		80,000	27,000	12,000	
75-27-4	Bromodichloromethane		14,000	42,000	14,000	6,200	**U**
79-01-6	Trichloroethene		14,000	41,000	14,000	5,800	**U**
123-91-1	1,4-Dioxane		14,000	42,000	14,000	5,000	**U**
142-82-5	n-Heptane	**4,300,000**		42,000	26,000	6,800	
108-10-1	4-Methyl-2-pentanone		14,000	80,000	14,000	5,800	**U**
108-88-3	Toluene	**2,500,000**		42,000	14,000	5,200	
591-78-6	2-Hexanone		14,000	80,000	14,000	5,300	**U**
124-48-1	Dibromochloromethane		14,000	42,000	14,000	5,600	**U**
106-93-4	1,2-Dibromoethane		14,000	42,000	14,000	5,000	**U**
127-18-4	Tetrachloroethene		14,000	42,000	14,000	5,500	**U**
100-41-4	Ethylbenzene	**150,000**		42,000	14,000	6,000	
179601-23-1	m,p-Xylenes	**350,000**		80,000	27,000	11,000	
75-25-2	Bromoform		26,000	42,000	26,000	8,800	**U**
100-42-5	Styrene		26,000	42,000	26,000	6,900	**U**
95-47-6	o-Xylene	**94,000**		42,000	14,000	6,200	
108-67-8	1,3,5-Trimethylbenzene	**12,000**		42,000	14,000	6,200	**J**
95-63-6	1,2,4-Trimethylbenzene	**28,000**		42,000	14,000	5,900	**J**
120-82-1	1,2,4-Trichlorobenzene		26,000	80,000	26,000	10,000	**U**
91-20-3	Naphthalene		25,000	42,000	25,000	10,000	**U**
1330-20-7	Xylenes, Total	**450,000**		80,000	27,000	11,000	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01151

Initial Pressure (psig): -4.09 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3,400**		330	210	84	
75-71-8	Dichlorodifluoromethane (CFC 12)		210	330	210	56	**U**
74-87-3	Chloromethane		210	330	210	55	**U**
75-01-4	Vinyl Chloride		110	340	110	37	**U**
106-99-0	1,3-Butadiene		210	330	210	57	**U**
75-00-3	Chloroethane		210	330	210	42	**U**
64-17-5	Ethanol	**2,400**		3,400	530	240	**J**
67-64-1	Acetone	**33,000**		3,300	1,700	770	
75-69-4	Trichlorofluoromethane		210	330	210	52	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,600**		640	410	140	
75-09-2	Methylene Chloride		210	330	210	97	**U**
76-13-1	Trichlorotrifluoroethane		110	340	110	49	**U**
75-15-0	Carbon Disulfide		350	640	350	100	**U**
75-34-3	1,1-Dichloroethane		210	350	210	50	**U**
78-93-3	2-Butanone (MEK)	**1,200**		640	210	71	
141-78-6	Ethyl Acetate		420	640	420	180	**U**
110-54-3	n-Hexane	**15,000**		330	210	71	
67-66-3	Chloroform		110	340	110	46	**U**
109-99-9	Tetrahydrofuran (THF)		110	640	110	43	**U**
107-06-2	1,2-Dichloroethane		110	330	110	38	**U**
71-43-2	Benzene	**4,900**		330	110	50	
56-23-5	Carbon Tetrachloride		110	330	110	48	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-007

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes: 0.0010 Liter(s)
Container ID: 1SS01151

Initial Pressure (psig): -4.09 Final Pressure (psig): 5.81

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**19,000**		640	220	97	
75-27-4	Bromodichloromethane		110	330	110	50	**U**
79-01-6	Trichloroethene		110	330	110	46	**U**
123-91-1	1,4-Dioxane		110	330	110	41	**U**
142-82-5	n-Heptane	**68,000**		1,000	620	160	**D**
108-10-1	4-Methyl-2-pentanone		110	640	110	47	**U**
108-88-3	Toluene	**64,000**		330	110	42	
591-78-6	2-Hexanone		110	640	110	42	**U**
124-48-1	Dibromochloromethane		110	330	110	45	**U**
106-93-4	1,2-Dibromoethane		110	330	110	40	**U**
127-18-4	Tetrachloroethene		110	330	110	44	**U**
100-41-4	Ethylbenzene	**35,000**		330	110	48	
179601-23-1	m,p-Xylenes	**89,000**		640	220	90	
75-25-2	Bromoform		210	340	210	71	**U**
100-42-5	Styrene		210	330	210	55	**U**
95-47-6	o-Xylene	**41,000**		340	110	50	
108-67-8	1,3,5-Trimethylbenzene	**23,000**		340	110	50	
95-63-6	1,2,4-Trimethylbenzene	**63,000**		330	110	48	
120-82-1	1,2,4-Trichlorobenzene		210	640	210	84	**U**
91-20-3	Naphthalene	**1,800**		330	200	84	
1330-20-7	Xylenes, Total	**130,000**		640	220	90	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS01319

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.72

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	14,000	24,000	14,000	5,900	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	14,000	24,000	14,000	3,900	**U**
74-87-3	Chloromethane	14,000	24,000	14,000	3,900	**U**
75-01-4	Vinyl Chloride	7,700	24,000	7,700	2,600	**U**
106-99-0	1,3-Butadiene	14,000	24,000	14,000	4,000	**U**
75-00-3	Chloroethane	14,000	24,000	14,000	3,000	**U**
64-17-5	Ethanol	**19,000**	240,000	38,000	17,000	**J**
67-64-1	Acetone	**3,000,000**	240,000	120,000	54,000	
75-69-4	Trichlorofluoromethane	14,000	23,000	14,000	3,700	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**55,000**	45,000	29,000	10,000	
75-09-2	Methylene Chloride	14,000	24,000	14,000	6,800	**U**
76-13-1	Trichlorotrifluoroethane	7,700	24,000	7,700	3,400	**U**
75-15-0	Carbon Disulfide	24,000	45,000	24,000	7,200	**U**
75-34-3	1,1-Dichloroethane	15,000	24,000	15,000	3,500	**U**
78-93-3	2-Butanone (MEK)	**26,000**	45,000	14,000	5,000	**J**
141-78-6	Ethyl Acetate	29,000	45,000	29,000	13,000	**U**
110-54-3	n-Hexane	**4,000,000**	24,000	14,000	5,000	
67-66-3	Chloroform	7,700	24,000	7,700	3,200	**U**
109-99-9	Tetrahydrofuran (THF)	7,700	45,000	7,700	3,000	**U**
107-06-2	1,2-Dichloroethane	7,700	24,000	7,700	2,700	**U**
71-43-2	Benzene	**960,000**	24,000	7,700	3,500	
56-23-5	Carbon Tetrachloride	7,700	23,000	7,700	3,300	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-217-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-008

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000040 Liter(s)
Test Notes:
Container ID: 1SS01319

Initial Pressure (psig): -3.42 Final Pressure (psig): 5.72

Container Dilution Factor: 1.81

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3,400,000**		45,000	15,000	6,800	
75-27-4	Bromodichloromethane		7,700	24,000	7,700	3,500	**U**
79-01-6	Trichloroethene		7,700	23,000	7,700	3,300	**U**
123-91-1	1,4-Dioxane		7,700	24,000	7,700	2,900	**U**
142-82-5	n-Heptane	**2,900,000**		24,000	14,000	3,800	
108-10-1	4-Methyl-2-pentanone		7,700	45,000	7,700	3,300	**U**
108-88-3	Toluene	**1,500,000**		24,000	7,700	2,900	
591-78-6	2-Hexanone		7,700	45,000	7,700	3,000	**U**
124-48-1	Dibromochloromethane		7,700	24,000	7,700	3,200	**U**
106-93-4	1,2-Dibromoethane		7,700	24,000	7,700	2,800	**U**
127-18-4	Tetrachloroethene		7,700	24,000	7,700	3,100	**U**
100-41-4	Ethylbenzene	**110,000**		24,000	7,700	3,400	
179601-23-1	m,p-Xylenes	**250,000**		45,000	15,000	6,300	
75-25-2	Bromoform		14,000	24,000	14,000	5,000	**U**
100-42-5	Styrene		14,000	24,000	14,000	3,900	**U**
95-47-6	o-Xylene	**72,000**		24,000	7,700	3,500	
108-67-8	1,3,5-Trimethylbenzene	**11,000**		24,000	7,700	3,500	**J**
95-63-6	1,2,4-Trimethylbenzene	**24,000**		24,000	7,700	3,300	
120-82-1	1,2,4-Trichlorobenzene		14,000	45,000	14,000	5,900	**U**
91-20-3	Naphthalene		14,000	24,000	14,000	5,900	**U**
1330-20-7	Xylenes, Total	**320,000**		45,000	15,000	6,300	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01200

Initial Pressure (psig): -0.36 Final Pressure (psig): 5.26

Container Dilution Factor: 1.39

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2,300**		2,400	1,500	600	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)		1,500	2,400	1,500	400	**U**
74-87-3	Chloromethane		1,500	2,400	1,500	400	**U**
75-01-4	Vinyl Chloride		790	2,500	790	260	**U**
106-99-0	1,3-Butadiene		1,500	2,400	1,500	410	**U**
75-00-3	Chloroethane		1,500	2,400	1,500	310	**U**
64-17-5	Ethanol		3,800	25,000	3,800	1,700	**U**
67-64-1	Acetone	**81,000**		24,000	13,000	5,600	
75-69-4	Trichlorofluoromethane		1,500	2,400	1,500	380	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6,300**		4,600	2,900	1,000	
75-09-2	Methylene Chloride		1,500	2,400	1,500	700	**U**
76-13-1	Trichlorotrifluoroethane		790	2,500	790	350	**U**
75-15-0	Carbon Disulfide		2,500	4,600	2,500	740	**U**
75-34-3	1,1-Dichloroethane		1,500	2,500	1,500	360	**U**
78-93-3	2-Butanone (MEK)	**3,800**		4,600	1,500	510	**J**
141-78-6	Ethyl Acetate		3,000	4,600	3,000	1,300	**U**
110-54-3	n-Hexane	**1,800**		2,400	1,500	510	**J**
67-66-3	Chloroform		790	2,500	790	330	**U**
109-99-9	Tetrahydrofuran (THF)		790	4,600	790	310	**U**
107-06-2	1,2-Dichloroethane		790	2,400	790	270	**U**
71-43-2	Benzene	**2,300**		2,400	790	360	**J**
56-23-5	Carbon Tetrachloride		790	2,400	790	340	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-252-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-009

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00030 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01200

Initial Pressure (psig): -0.36 Final Pressure (psig): 5.26

Container Dilution Factor: 1.39

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**13,000**		4,600	1,600	700	
75-27-4	Bromodichloromethane		790	2,400	790	360	**U**
79-01-6	Trichloroethene		790	2,400	790	330	**U**
123-91-1	1,4-Dioxane		790	2,400	790	290	**U**
142-82-5	n-Heptane	**310,000**		2,400	1,500	390	
108-10-1	4-Methyl-2-pentanone		790	4,600	790	340	**U**
108-88-3	Toluene	**510,000**		7,200	2,400	900	**D**
591-78-6	2-Hexanone		790	4,600	790	310	**U**
124-48-1	Dibromochloromethane		790	2,400	790	320	**U**
106-93-4	1,2-Dibromoethane		790	2,400	790	290	**U**
127-18-4	Tetrachloroethene		790	2,400	790	320	**U**
100-41-4	Ethylbenzene	**120,000**		2,400	790	350	
179601-23-1	m,p-Xylenes	**260,000**		4,600	1,600	650	
75-25-2	Bromoform		1,500	2,500	1,500	510	**U**
100-42-5	Styrene		1,500	2,400	1,500	400	**U**
95-47-6	o-Xylene	**74,000**		2,500	790	360	
108-67-8	1,3,5-Trimethylbenzene	**15,000**		2,500	790	360	
95-63-6	1,2,4-Trimethylbenzene	**43,000**		2,400	790	340	
120-82-1	1,2,4-Trichlorobenzene		1,500	4,600	1,500	600	**U**
91-20-3	Naphthalene	**890**		2,400	1,400	600	**J**
1330-20-7	Xylenes, Total	**330,000**		4,600	1,600	650	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV2-270-212**	ALS Project ID:	P2102356
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102356-010
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	4/23/21
Analyst:	Simon Cao	Date Analyzed:	5/18 - 5/19/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00025 Liter(s)
Test Notes:			0.00010 Liter(s)
Container ID:	1SS01318		

Initial Pressure (psig): -4.82 Final Pressure (psig): 6.06

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,100**	4,400	2,700	1,100	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	2,700	4,400	2,700	730	**U**
74-87-3	Chloromethane	2,700	4,400	2,700	720	**U**
75-01-4	Vinyl Chloride	1,400	4,500	1,400	480	**U**
106-99-0	1,3-Butadiene	2,700	4,400	2,700	740	**U**
75-00-3	Chloroethane	2,700	4,400	2,700	550	**U**
64-17-5	Ethanol	7,000	45,000	7,000	3,100	**U**
67-64-1	Acetone	**530,000**	44,000	23,000	10,000	
75-69-4	Trichlorofluoromethane	2,700	4,300	2,700	680	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**21,000**	8,400	5,300	1,800	
75-09-2	Methylene Chloride	2,700	4,400	2,700	1,300	**U**
76-13-1	Trichlorotrifluoroethane	1,400	4,500	1,400	640	**U**
75-15-0	Carbon Disulfide	4,500	8,400	4,500	1,300	**U**
75-34-3	1,1-Dichloroethane	2,800	4,500	2,800	660	**U**
78-93-3	2-Butanone (MEK)	**52,000**	8,400	2,700	920	
141-78-6	Ethyl Acetate	5,500	8,400	5,500	2,400	**U**
110-54-3	n-Hexane	**150,000**	4,400	2,700	920	
67-66-3	Chloroform	1,400	4,500	1,400	600	**U**
109-99-9	Tetrahydrofuran (THF)	1,400	8,400	1,400	560	**U**
107-06-2	1,2-Dichloroethane	1,400	4,400	1,400	500	**U**
71-43-2	Benzene	**65,000**	4,400	1,400	650	
56-23-5	Carbon Tetrachloride	1,400	4,300	1,400	620	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV2-270-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-010

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18 - 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00025 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01318

Initial Pressure (psig): -4.82 Final Pressure (psig): 6.06

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**250,000**		8,400	2,900	1,300	
75-27-4	Bromodichloromethane		1,400	4,400	1,400	650	**U**
79-01-6	Trichloroethene		1,400	4,300	1,400	600	**U**
123-91-1	1,4-Dioxane		1,400	4,400	1,400	530	**U**
142-82-5	n-Heptane	**760,000**		4,400	2,700	710	
108-10-1	4-Methyl-2-pentanone	**4,800**		8,400	1,400	610	**J**
108-88-3	Toluene	**900,000**		11,000	3,600	1,400	**D**
591-78-6	2-Hexanone		1,400	8,400	1,400	550	**U**
124-48-1	Dibromochloromethane		1,400	4,400	1,400	590	**U**
106-93-4	1,2-Dibromoethane		1,400	4,400	1,400	520	**U**
127-18-4	Tetrachloroethene		1,400	4,400	1,400	580	**U**
100-41-4	Ethylbenzene	**200,000**		4,400	1,400	630	
179601-23-1	m,p-Xylenes	**490,000**		8,400	2,900	1,200	
75-25-2	Bromoform		2,700	4,500	2,700	920	**U**
100-42-5	Styrene		2,700	4,400	2,700	720	**U**
95-47-6	o-Xylene	**140,000**		4,500	1,400	650	
108-67-8	1,3,5-Trimethylbenzene	**30,000**		4,500	1,400	650	
95-63-6	1,2,4-Trimethylbenzene	**77,000**		4,400	1,400	620	
120-82-1	1,2,4-Trichlorobenzene		2,700	8,400	2,700	1,100	**U**
91-20-3	Naphthalene	**1,600**		4,400	2,600	1,100	**J**
1330-20-7	Xylenes, Total	**630,000**		8,400	2,900	1,200	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE01-260-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes:
Container ID: 1SS01278

Initial Pressure (psig): -3.83 Final Pressure (psig): 5.36

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8.4**	7.4	4.6	1.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	7.4	4.6	1.2	**J**
74-87-3	Chloromethane	**1.4**	7.4	4.6	1.2	**J**
75-01-4	Vinyl Chloride	2.4	7.5	2.4	0.81	**U**
106-99-0	1,3-Butadiene	4.6	7.4	4.6	1.3	**U**
75-00-3	Chloroethane	4.6	7.4	4.6	0.94	**U**
64-17-5	Ethanol	**34**	75	12	5.3	**J**
67-64-1	Acetone	**650**	74	38	17	
75-69-4	Trichlorofluoromethane	4.6	7.3	4.6	1.2	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**54**	14	9.0	3.1	
75-09-2	Methylene Chloride	4.6	7.4	4.6	2.1	**U**
76-13-1	Trichlorotrifluoroethane	2.4	7.5	2.4	1.1	**U**
75-15-0	Carbon Disulfide	7.7	14	7.7	2.3	**U**
75-34-3	1,1-Dichloroethane	4.7	7.7	4.7	1.1	**U**
78-93-3	2-Butanone (MEK)	**63**	14	4.6	1.6	
141-78-6	Ethyl Acetate	9.3	14	9.3	4.0	**U**
110-54-3	n-Hexane	**1,100**	7.4	4.6	1.6	
67-66-3	Chloroform	2.4	7.5	2.4	1.0	**U**
109-99-9	Tetrahydrofuran (THF)	2.4	14	2.4	0.95	**U**
107-06-2	1,2-Dichloroethane	2.4	7.4	2.4	0.84	**U**
71-43-2	Benzene	**270**	7.4	2.4	1.1	
56-23-5	Carbon Tetrachloride	**1.1**	7.3	2.4	1.1	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE01-260-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.13 Liter(s)
Test Notes:
Container ID: 1SS01278

Initial Pressure (psig): -3.83 Final Pressure (psig): 5.36

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**850**	14	4.8	2.1	
75-27-4	Bromodichloromethane	2.4	7.4	2.4	1.1	**U**
79-01-6	Trichloroethene	2.4	7.3	2.4	1.0	**U**
123-91-1	1,4-Dioxane	2.4	7.4	2.4	0.90	**U**
142-82-5	n-Heptane	**700**	7.4	4.6	1.2	
108-10-1	4-Methyl-2-pentanone	2.4	14	2.4	1.0	**U**
108-88-3	Toluene	**500**	7.4	2.4	0.93	
591-78-6	2-Hexanone	2.4	14	2.4	0.94	**U**
124-48-1	Dibromochloromethane	2.4	7.4	2.4	1.0	**U**
106-93-4	1,2-Dibromoethane	2.4	7.4	2.4	0.88	**U**
127-18-4	Tetrachloroethene	2.4	7.4	2.4	0.98	**U**
100-41-4	Ethylbenzene	**52**	7.4	2.4	1.1	
179601-23-1	m,p-Xylenes	**110**	14	4.8	2.0	
75-25-2	Bromoform	4.6	7.5	4.6	1.6	**U**
100-42-5	Styrene	4.6	7.4	4.6	1.2	**U**
95-47-6	o-Xylene	**38**	7.5	2.4	1.1	
108-67-8	1,3,5-Trimethylbenzene	**25**	7.5	2.4	1.1	
95-63-6	1,2,4-Trimethylbenzene	**83**	7.4	2.4	1.1	
120-82-1	1,2,4-Trichlorobenzene	4.6	14	4.6	1.9	**U**
91-20-3	Naphthalene	**30**	7.4	4.4	1.9	
1330-20-7	Xylenes, Total	**150**	14	4.8	2.0	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE02-060-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00470

Initial Pressure (psig): -3.29 Final Pressure (psig): 5.72

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2,200**		1,900	1,100	470	
75-71-8	Dichlorodifluoromethane (CFC 12)		1,100	1,900	1,100	310	**U**
74-87-3	Chloromethane		1,100	1,900	1,100	310	**U**
75-01-4	Vinyl Chloride		610	1,900	610	200	**U**
106-99-0	1,3-Butadiene		1,100	1,900	1,100	320	**U**
75-00-3	Chloroethane		1,100	1,900	1,100	240	**U**
64-17-5	Ethanol	**1,400**		19,000	3,000	1,300	**J**
67-64-1	Acetone	**210,000**		19,000	9,700	4,300	
75-69-4	Trichlorofluoromethane		1,100	1,800	1,100	290	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**800**		3,600	2,300	790	**J**
75-09-2	Methylene Chloride		1,100	1,900	1,100	540	**U**
76-13-1	Trichlorotrifluoroethane		610	1,900	610	270	**U**
75-15-0	Carbon Disulfide	**4,200**		3,600	1,900	570	
75-34-3	1,1-Dichloroethane		1,200	1,900	1,200	280	**U**
78-93-3	2-Butanone (MEK)	**16,000**		3,600	1,100	390	
141-78-6	Ethyl Acetate		2,300	3,600	2,300	1,000	**U**
110-54-3	n-Hexane	**480,000**		9,300	5,700	2,000	**D**
67-66-3	Chloroform		610	1,900	610	250	**U**
109-99-9	Tetrahydrofuran (THF)		610	3,600	610	240	**U**
107-06-2	1,2-Dichloroethane		610	1,900	610	210	**U**
71-43-2	Benzene	**150,000**		1,900	610	280	
56-23-5	Carbon Tetrachloride		610	1,800	610	260	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE02-060-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SC00470

Initial Pressure (psig): -3.29 Final Pressure (psig): 5.72

Container Dilution Factor: 1.79

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**510,000**		3,600	1,200	540	
75-27-4	Bromodichloromethane		610	1,900	610	280	**U**
79-01-6	Trichloroethene		610	1,800	610	260	**U**
123-91-1	1,4-Dioxane		610	1,900	610	230	**U**
142-82-5	n-Heptane	**470,000**		9,300	5,700	1,500	**D**
108-10-1	4-Methyl-2-pentanone	**1,800**		3,600	610	260	**J**
108-88-3	Toluene	**480,000**		9,300	3,000	1,200	**D**
591-78-6	2-Hexanone		610	3,600	610	240	**U**
124-48-1	Dibromochloromethane		610	1,900	610	250	**U**
106-93-4	1,2-Dibromoethane		610	1,900	610	220	**U**
127-18-4	Tetrachloroethene	**280**		1,900	610	250	**J**
100-41-4	Ethylbenzene	**88,000**		1,900	610	270	
179601-23-1	m,p-Xylenes	**170,000**		3,600	1,200	500	
75-25-2	Bromoform		1,100	1,900	1,100	390	**U**
100-42-5	Styrene	**420**		1,900	1,100	310	**J**
95-47-6	o-Xylene	**69,000**		1,900	610	280	
108-67-8	1,3,5-Trimethylbenzene	**13,000**		1,900	610	280	
95-63-6	1,2,4-Trimethylbenzene	**28,000**		1,900	610	260	
120-82-1	1,2,4-Trichlorobenzene		1,100	3,600	1,100	470	**U**
91-20-3	Naphthalene	**790**		1,900	1,100	470	**J**
1330-20-7	Xylenes, Total	**240,000**		3,600	1,200	500	

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE03-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SC00125

Initial Pressure (psig): -4.02 Final Pressure (psig): 5.93

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**96**	170	100	42	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	100	170	100	28	**U**
74-87-3	Chloromethane	100	170	100	28	**U**
75-01-4	Vinyl Chloride	55	170	55	18	**U**
106-99-0	1,3-Butadiene	100	170	100	28	**U**
75-00-3	Chloroethane	100	170	100	21	**U**
64-17-5	Ethanol	**280**	1,700	270	120	**J**
67-64-1	Acetone	**3,600**	1,700	870	390	
75-69-4	Trichlorofluoromethane	100	160	100	26	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**580**	320	200	71	
75-09-2	Methylene Chloride	100	170	100	48	**U**
76-13-1	Trichlorotrifluoroethane	55	170	55	24	**U**
75-15-0	Carbon Disulfide	170	320	170	51	**U**
75-34-3	1,1-Dichloroethane	110	170	110	25	**U**
78-93-3	2-Butanone (MEK)	**310**	320	100	35	**J**
141-78-6	Ethyl Acetate	210	320	210	90	**U**
110-54-3	n-Hexane	**14,000**	170	100	35	
67-66-3	Chloroform	55	170	55	23	**U**
109-99-9	Tetrahydrofuran (THF)	55	320	55	22	**U**
107-06-2	1,2-Dichloroethane	55	170	55	19	**U**
71-43-2	Benzene	**4,100**	170	55	25	
56-23-5	Carbon Tetrachloride	55	160	55	24	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE03-160-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0060 Liter(s)
Test Notes:
Container ID: 1SC00125

Initial Pressure (psig): -4.02 Final Pressure (psig): 5.93

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**14,000**		320	110	48	
75-27-4	Bromodichloromethane		55	170	55	25	**U**
79-01-6	Trichloroethene		55	160	55	23	**U**
123-91-1	1,4-Dioxane		55	170	55	20	**U**
142-82-5	n-Heptane	**16,000**		170	100	27	
108-10-1	4-Methyl-2-pentanone		55	320	55	23	**U**
108-88-3	Toluene	**16,000**		170	55	21	
591-78-6	2-Hexanone		55	320	55	21	**U**
124-48-1	Dibromochloromethane		55	170	55	23	**U**
106-93-4	1,2-Dibromoethane		55	170	55	20	**U**
127-18-4	Tetrachloroethene		55	170	55	22	**U**
100-41-4	Ethylbenzene	**3,400**		170	55	24	
179601-23-1	m,p-Xylenes	**8,100**		320	110	45	
75-25-2	Bromoform		100	170	100	35	**U**
100-42-5	Styrene	**36**		170	100	28	**J**
95-47-6	o-Xylene	**3,500**		170	55	25	
108-67-8	1,3,5-Trimethylbenzene	**1,400**		170	55	25	
95-63-6	1,2,4-Trimethylbenzene	**3,500**		170	55	24	
120-82-1	1,2,4-Trichlorobenzene		100	320	100	42	**U**
91-20-3	Naphthalene	**370**		170	100	42	
1330-20-7	Xylenes, Total	**12,000**		320	110	45	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE04-313-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-014

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00110

Initial Pressure (psig): -3.75 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**66**	140	84	34	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	84	140	84	23	**U**
74-87-3	Chloromethane	84	140	84	23	**U**
75-01-4	Vinyl Chloride	45	140	45	15	**U**
106-99-0	1,3-Butadiene	84	140	84	23	**U**
75-00-3	Chloroethane	**43**	140	84	17	**J**
64-17-5	Ethanol	220	1,400	220	97	**U**
67-64-1	Acetone	710	1,400	710	320	**U**
75-69-4	Trichlorofluoromethane	84	130	84	21	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	170	260	170	58	**U**
75-09-2	Methylene Chloride	84	140	84	39	**U**
76-13-1	Trichlorotrifluoroethane	45	140	45	20	**U**
75-15-0	Carbon Disulfide	140	260	140	42	**U**
75-34-3	1,1-Dichloroethane	87	140	87	21	**U**
78-93-3	2-Butanone (MEK)	**32**	260	84	29	**J**
141-78-6	Ethyl Acetate	170	260	170	74	**U**
110-54-3	n-Hexane	**6,300**	140	84	29	
67-66-3	Chloroform	45	140	45	19	**U**
109-99-9	Tetrahydrofuran (THF)	45	260	45	18	**U**
107-06-2	1,2-Dichloroethane	45	140	45	16	**U**
71-43-2	Benzene	**890**	140	45	20	
56-23-5	Carbon Tetrachloride	45	130	45	19	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE04-313-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-014

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS00110

Initial Pressure (psig): -3.75 Final Pressure (psig): 5.49

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**17,000**	260	89	39	
75-27-4	Bromodichloromethane	45	140	45	20	**U**
79-01-6	Trichloroethene	45	130	45	19	**U**
123-91-1	1,4-Dioxane	45	140	45	17	**U**
142-82-5	n-Heptane	**4,400**	140	84	22	
108-10-1	4-Methyl-2-pentanone	45	260	45	19	**U**
108-88-3	Toluene	**1,600**	140	45	17	
591-78-6	2-Hexanone	45	260	45	17	**U**
124-48-1	Dibromochloromethane	45	140	45	18	**U**
106-93-4	1,2-Dibromoethane	45	140	45	16	**U**
127-18-4	Tetrachloroethene	45	140	45	18	**U**
100-41-4	Ethylbenzene	**340**	140	45	20	
179601-23-1	m,p-Xylenes	**1,600**	260	89	37	
75-25-2	Bromoform	84	140	84	29	**U**
100-42-5	Styrene	84	140	84	23	**U**
95-47-6	o-Xylene	**810**	140	45	20	
108-67-8	1,3,5-Trimethylbenzene	**940**	140	45	20	
95-63-6	1,2,4-Trimethylbenzene	**1,400**	140	45	19	
120-82-1	1,2,4-Trichlorobenzene	84	260	84	34	**U**
91-20-3	Naphthalene	**140**	140	81	34	
1330-20-7	Xylenes, Total	**2,400**	260	89	37	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE05-460-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-015

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01310

Initial Pressure (psig): -4.19 Final Pressure (psig): 5.28

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**74**	99	61	25	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	61	99	61	17	**U**
74-87-3	Chloromethane	61	99	61	16	**U**
75-01-4	Vinyl Chloride	32	100	32	11	**U**
106-99-0	1,3-Butadiene	61	99	61	17	**U**
75-00-3	Chloroethane	**52**	99	61	13	**J**
64-17-5	Ethanol	160	1,000	160	70	**U**
67-64-1	Acetone	510	990	510	230	**U**
75-69-4	Trichlorofluoromethane	61	97	61	15	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	120	190	120	42	**U**
75-09-2	Methylene Chloride	61	99	61	29	**U**
76-13-1	Trichlorotrifluoroethane	**25**	100	32	14	**J**
75-15-0	Carbon Disulfide	100	190	100	30	**U**
75-34-3	1,1-Dichloroethane	63	100	63	15	**U**
78-93-3	2-Butanone (MEK)	**32**	190	61	21	**J**
141-78-6	Ethyl Acetate	120	190	120	53	**U**
110-54-3	n-Hexane	**7,600**	99	61	21	
67-66-3	Chloroform	32	100	32	13	**U**
109-99-9	Tetrahydrofuran (THF)	32	190	32	13	**U**
107-06-2	1,2-Dichloroethane	32	99	32	11	**U**
71-43-2	Benzene	**970**	99	32	15	
56-23-5	Carbon Tetrachloride	32	97	32	14	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE05-460-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-015

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01310

Initial Pressure (psig): -4.19 Final Pressure (psig): 5.28

Container Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**19,000**	190	65	29	
75-27-4	Bromodichloromethane	32	99	32	15	**U**
79-01-6	Trichloroethene	32	97	32	14	**U**
123-91-1	1,4-Dioxane	32	99	32	12	**U**
142-82-5	n-Heptane	**5,500**	99	61	16	
108-10-1	4-Methyl-2-pentanone	32	190	32	14	**U**
108-88-3	Toluene	**1,600**	99	32	12	
591-78-6	2-Hexanone	32	190	32	13	**U**
124-48-1	Dibromochloromethane	32	99	32	13	**U**
106-93-4	1,2-Dibromoethane	32	99	32	12	**U**
127-18-4	Tetrachloroethene	32	99	32	13	**U**
100-41-4	Ethylbenzene	**330**	99	32	14	
179601-23-1	m,p-Xylenes	**1,600**	190	65	27	
75-25-2	Bromoform	61	100	61	21	**U**
100-42-5	Styrene	61	99	61	16	**U**
95-47-6	o-Xylene	**890**	100	32	15	
108-67-8	1,3,5-Trimethylbenzene	**1,300**	100	32	15	
95-63-6	1,2,4-Trimethylbenzene	**1,400**	99	32	14	
120-82-1	1,2,4-Trichlorobenzene	61	190	61	25	**U**
91-20-3	Naphthalene	**140**	99	59	25	
1330-20-7	Xylenes, Total	**2,500**	190	65	27	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01268

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.34

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**11**	15	9.1	3.7	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.1**	15	9.1	2.5	**J**
74-87-3	Chloromethane	**43**	15	9.1	2.5	
75-01-4	Vinyl Chloride	**3.2**	15	4.9	1.6	**J**
106-99-0	1,3-Butadiene	9.1	15	9.1	2.5	**U**
75-00-3	Chloroethane	9.1	15	9.1	1.9	**U**
64-17-5	Ethanol	**20**	150	24	11	**J**
67-64-1	Acetone	77	150	77	34	**U**
75-69-4	Trichlorofluoromethane	9.1	15	9.1	2.3	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	18	29	18	6.3	**U**
75-09-2	Methylene Chloride	9.1	15	9.1	4.3	**U**
76-13-1	Trichlorotrifluoroethane	**270**	15	4.9	2.2	
75-15-0	Carbon Disulfide	**39**	29	15	4.6	
75-34-3	1,1-Dichloroethane	9.4	15	9.4	2.2	**U**
78-93-3	2-Butanone (MEK)	**6.2**	29	9.1	3.1	**J**
141-78-6	Ethyl Acetate	19	29	19	8.0	**U**
110-54-3	n-Hexane	**150**	15	9.1	3.1	
67-66-3	Chloroform	**2.7**	15	4.9	2.0	**J**
109-99-9	Tetrahydrofuran (THF)	**75**	29	4.9	1.9	
107-06-2	1,2-Dichloroethane	4.9	15	4.9	1.7	**U**
71-43-2	Benzene	**470**	15	4.9	2.2	
56-23-5	Carbon Tetrachloride	**5.1**	15	4.9	2.1	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01268

Initial Pressure (psig): -4.66 Final Pressure (psig): 5.34

Container Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**28**	29	9.7	4.3	**J**
75-27-4	Bromodichloromethane	4.9	15	4.9	2.2	**U**
79-01-6	Trichloroethene	**19**	15	4.9	2.1	
123-91-1	1,4-Dioxane	4.9	15	4.9	1.8	**U**
142-82-5	n-Heptane	**59**	15	9.1	2.4	
108-10-1	4-Methyl-2-pentanone	4.9	29	4.9	2.1	**U**
108-88-3	Toluene	**2,500**	15	4.9	1.9	
591-78-6	2-Hexanone	4.9	29	4.9	1.9	**U**
124-48-1	Dibromochloromethane	4.9	15	4.9	2.0	**U**
106-93-4	1,2-Dibromoethane	4.9	15	4.9	1.8	**U**
127-18-4	Tetrachloroethene	**7.5**	15	4.9	2.0	**J**
100-41-4	Ethylbenzene	**56**	15	4.9	2.1	
179601-23-1	m,p-Xylenes	**210**	29	9.7	4.0	
75-25-2	Bromoform	9.1	15	9.1	3.1	**U**
100-42-5	Styrene	9.1	15	9.1	2.5	**U**
95-47-6	o-Xylene	**53**	15	4.9	2.2	
108-67-8	1,3,5-Trimethylbenzene	**5.3**	15	4.9	2.2	**J**
95-63-6	1,2,4-Trimethylbenzene	**6.3**	15	4.9	2.1	**J**
120-82-1	1,2,4-Trichlorobenzene	9.1	29	9.1	3.7	**U**
91-20-3	Naphthalene	8.9	15	8.9	3.7	**U**
1330-20-7	Xylenes, Total	**270**	29	9.7	4.0	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01227

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.39

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**11**	13	8.2	3.3	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.2**	13	8.2	2.2	**J**
74-87-3	Chloromethane	**43**	13	8.2	2.2	
75-01-4	Vinyl Chloride	**3.2**	14	4.4	1.5	**J**
106-99-0	1,3-Butadiene	8.2	13	8.2	2.3	**U**
75-00-3	Chloroethane	8.2	13	8.2	1.7	**U**
64-17-5	Ethanol	**21**	140	21	9.5	**J**
67-64-1	Acetone	69	130	69	31	**U**
75-69-4	Trichlorofluoromethane	8.2	13	8.2	2.1	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**26**	26	16	5.7	**J**
75-09-2	Methylene Chloride	8.2	13	8.2	3.9	**U**
76-13-1	Trichlorotrifluoroethane	**280**	14	4.4	2.0	
75-15-0	Carbon Disulfide	**45**	26	14	4.1	
75-34-3	1,1-Dichloroethane	8.5	14	8.5	2.0	**U**
78-93-3	2-Butanone (MEK)	**8.1**	26	8.2	2.8	**J**
141-78-6	Ethyl Acetate	17	26	17	7.2	**U**
110-54-3	n-Hexane	**160**	13	8.2	2.8	
67-66-3	Chloroform	**3.0**	14	4.4	1.8	**J**
109-99-9	Tetrahydrofuran (THF)	**73**	26	4.4	1.7	
107-06-2	1,2-Dichloroethane	4.4	13	4.4	1.5	**U**
71-43-2	Benzene	**500**	13	4.4	2.0	
56-23-5	Carbon Tetrachloride	**5.1**	13	4.4	1.9	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE10-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.070 Liter(s)
Test Notes:
Container ID: 1SS01227

Initial Pressure (psig): -3.52 Final Pressure (psig): 5.39

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**30**	26	8.7	3.9	
75-27-4	Bromodichloromethane	4.4	13	4.4	2.0	**U**
79-01-6	Trichloroethene	**20**	13	4.4	1.9	
123-91-1	1,4-Dioxane	4.4	13	4.4	1.6	**U**
142-82-5	n-Heptane	**63**	13	8.2	2.2	
108-10-1	4-Methyl-2-pentanone	4.4	26	4.4	1.9	**U**
108-88-3	Toluene	**2,600**	13	4.4	1.7	
591-78-6	2-Hexanone	4.4	26	4.4	1.7	**U**
124-48-1	Dibromochloromethane	4.4	13	4.4	1.8	**U**
106-93-4	1,2-Dibromoethane	4.4	13	4.4	1.6	**U**
127-18-4	Tetrachloroethene	**7.8**	13	4.4	1.8	**J**
100-41-4	Ethylbenzene	**60**	13	4.4	1.9	
179601-23-1	m,p-Xylenes	**230**	26	8.7	3.6	
75-25-2	Bromoform	8.2	14	8.2	2.8	**U**
100-42-5	Styrene	8.2	13	8.2	2.2	**U**
95-47-6	o-Xylene	**57**	14	4.4	2.0	
108-67-8	1,3,5-Trimethylbenzene	**5.6**	14	4.4	2.0	**J**
95-63-6	1,2,4-Trimethylbenzene	**7.0**	13	4.4	1.9	**J**
120-82-1	1,2,4-Trichlorobenzene	8.2	26	8.2	3.3	**U**
91-20-3	Naphthalene	8.0	13	8.0	3.3	**U**
1330-20-7	Xylenes, Total	**290**	26	8.7	3.6	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01283

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.21

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**300**	89	55	22	
75-71-8	Dichlorodifluoromethane (CFC 12)	55	89	55	15	**U**
74-87-3	Chloromethane	55	89	55	15	**U**
75-01-4	Vinyl Chloride	29	91	29	9.8	**U**
106-99-0	1,3-Butadiene	55	89	55	15	**U**
75-00-3	Chloroethane	55	89	55	11	**U**
64-17-5	Ethanol	140	910	140	64	**U**
67-64-1	Acetone	460	890	460	210	**U**
75-69-4	Trichlorofluoromethane	55	88	55	14	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	110	170	110	38	**U**
75-09-2	Methylene Chloride	55	89	55	26	**U**
76-13-1	Trichlorotrifluoroethane	29	91	29	13	**U**
75-15-0	Carbon Disulfide	93	170	93	28	**U**
75-34-3	1,1-Dichloroethane	57	93	57	13	**U**
78-93-3	2-Butanone (MEK)	55	170	55	19	**U**
141-78-6	Ethyl Acetate	110	170	110	48	**U**
110-54-3	n-Hexane	**6,300**	89	55	19	
67-66-3	Chloroform	29	91	29	12	**U**
109-99-9	Tetrahydrofuran (THF)	**17**	170	29	12	**J**
107-06-2	1,2-Dichloroethane	29	89	29	10	**U**
71-43-2	Benzene	**5,600**	89	29	13	
56-23-5	Carbon Tetrachloride	29	88	29	13	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-018

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01283

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.21

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**27,000**		170	58	26	
75-27-4	Bromodichloromethane		29	89	29	13	**U**
79-01-6	Trichloroethene		29	88	29	12	**U**
123-91-1	1,4-Dioxane		29	89	29	11	**U**
142-82-5	n-Heptane	**4,600**		89	55	15	
108-10-1	4-Methyl-2-pentanone		29	170	29	13	**U**
108-88-3	Toluene	**8,300**		89	29	11	
591-78-6	2-Hexanone		29	170	29	11	**U**
124-48-1	Dibromochloromethane		29	89	29	12	**U**
106-93-4	1,2-Dibromoethane		29	89	29	11	**U**
127-18-4	Tetrachloroethene		29	89	29	12	**U**
100-41-4	Ethylbenzene	**510**		89	29	13	
179601-23-1	m,p-Xylenes	**5,700**		170	58	24	
75-25-2	Bromoform		55	91	55	19	**U**
100-42-5	Styrene		55	89	55	15	**U**
95-47-6	o-Xylene	**2,200**		91	29	13	
108-67-8	1,3,5-Trimethylbenzene	**490**		91	29	13	
95-63-6	1,2,4-Trimethylbenzene	**440**		89	29	13	
120-82-1	1,2,4-Trichlorobenzene		55	170	55	22	**U**
91-20-3	Naphthalene		53	89	53	22	**U**
1330-20-7	Xylenes, Total	**7,900**		170	58	24	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00989

Initial Pressure (psig): -4.14 Final Pressure (psig): 5.21

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**280**	98	60	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	60	98	60	16	**U**
74-87-3	Chloromethane	60	98	60	16	**U**
75-01-4	Vinyl Chloride	32	100	32	11	**U**
106-99-0	1,3-Butadiene	60	98	60	17	**U**
75-00-3	Chloroethane	60	98	60	12	**U**
64-17-5	Ethanol	160	1,000	160	70	**U**
67-64-1	Acetone	510	980	510	230	**U**
75-69-4	Trichlorofluoromethane	60	96	60	15	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	120	190	120	42	**U**
75-09-2	Methylene Chloride	60	98	60	28	**U**
76-13-1	Trichlorotrifluoroethane	32	100	32	14	**U**
75-15-0	Carbon Disulfide	100	190	100	30	**U**
75-34-3	1,1-Dichloroethane	62	100	62	15	**U**
78-93-3	2-Butanone (MEK)	60	190	60	21	**U**
141-78-6	Ethyl Acetate	**68**	190	120	53	**J**
110-54-3	n-Hexane	**5,800**	98	60	21	
67-66-3	Chloroform	32	100	32	13	**U**
109-99-9	Tetrahydrofuran (THF)	32	190	32	13	**U**
107-06-2	1,2-Dichloroethane	32	98	32	11	**U**
71-43-2	Benzene	**5,200**	98	32	15	
56-23-5	Carbon Tetrachloride	32	96	32	14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE11-410-612** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-019

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS00989

Initial Pressure (psig): -4.14 Final Pressure (psig): 5.21

Container Dilution Factor: 1.89

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**26,000**	190	64	28	
75-27-4	Bromodichloromethane	32	98	32	15	**U**
79-01-6	Trichloroethene	32	96	32	14	**U**
123-91-1	1,4-Dioxane	32	98	32	12	**U**
142-82-5	n-Heptane	**4,300**	98	60	16	
108-10-1	4-Methyl-2-pentanone	32	190	32	14	**U**
108-88-3	Toluene	**7,900**	98	32	12	
591-78-6	2-Hexanone	32	190	32	12	**U**
124-48-1	Dibromochloromethane	32	98	32	13	**U**
106-93-4	1,2-Dibromoethane	32	98	32	12	**U**
127-18-4	Tetrachloroethene	32	98	32	13	**U**
100-41-4	Ethylbenzene	**480**	98	32	14	
179601-23-1	m,p-Xylenes	**5,400**	190	64	26	
75-25-2	Bromoform	60	100	60	21	**U**
100-42-5	Styrene	60	98	60	16	**U**
95-47-6	o-Xylene	**2,000**	100	32	15	
108-67-8	1,3,5-Trimethylbenzene	**430**	100	32	15	
95-63-6	1,2,4-Trimethylbenzene	**380**	98	32	14	
120-82-1	1,2,4-Trichlorobenzene	60	190	60	25	**U**
91-20-3	Naphthalene	59	98	59	25	**U**
1330-20-7	Xylenes, Total	**7,400**	190	64	26	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE13-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01193

Initial Pressure (psig): -3.30 Final Pressure (psig): 5.41

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1,100	1,800	1,100	460	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,100	1,800	1,100	310	**U**
74-87-3	Chloromethane	1,100	1,800	1,100	300	**U**
75-01-4	Vinyl Chloride	600	1,900	600	200	**U**
106-99-0	1,3-Butadiene	1,100	1,800	1,100	310	**U**
75-00-3	Chloroethane	1,100	1,800	1,100	230	**U**
64-17-5	Ethanol	2,900	19,000	2,900	1,300	**U**
67-64-1	Acetone	9,500	18,000	9,500	4,200	**U**
75-69-4	Trichlorofluoromethane	1,100	1,800	1,100	290	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,200	3,500	2,200	770	**U**
75-09-2	Methylene Chloride	1,100	1,800	1,100	530	**U**
76-13-1	Trichlorotrifluoroethane	600	1,900	600	270	**U**
75-15-0	Carbon Disulfide	1,900	3,500	1,900	560	**U**
75-34-3	1,1-Dichloroethane	1,200	1,900	1,200	270	**U**
78-93-3	2-Butanone (MEK)	1,100	3,500	1,100	390	**U**
141-78-6	Ethyl Acetate	2,300	3,500	2,300	990	**U**
110-54-3	n-Hexane	**210,000**	1,800	1,100	390	
67-66-3	Chloroform	600	1,900	600	250	**U**
109-99-9	Tetrahydrofuran (THF)	600	3,500	600	240	**U**
107-06-2	1,2-Dichloroethane	600	1,800	600	210	**U**
71-43-2	Benzene	**25,000**	1,800	600	270	
56-23-5	Carbon Tetrachloride	600	1,800	600	260	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SVE13-410-212** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102356-020

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01193

Initial Pressure (psig): -3.30 Final Pressure (psig): 5.41

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**310,000**		3,500	1,200	530	
75-27-4	Bromodichloromethane		600	1,800	600	270	**U**
79-01-6	Trichloroethene		600	1,800	600	250	**U**
123-91-1	1,4-Dioxane		600	1,800	600	220	**U**
142-82-5	n-Heptane	**220,000**		1,800	1,100	300	
108-10-1	4-Methyl-2-pentanone		600	3,500	600	260	**U**
108-88-3	Toluene	**30,000**		1,800	600	230	
591-78-6	2-Hexanone		600	3,500	600	230	**U**
124-48-1	Dibromochloromethane		600	1,800	600	250	**U**
106-93-4	1,2-Dibromoethane		600	1,800	600	220	**U**
127-18-4	Tetrachloroethene		600	1,800	600	240	**U**
100-41-4	Ethylbenzene	**2,700**		1,800	600	260	
179601-23-1	m,p-Xylenes	**6,200**		3,500	1,200	490	
75-25-2	Bromoform		1,100	1,900	1,100	390	**U**
100-42-5	Styrene		1,100	1,800	1,100	300	**U**
95-47-6	o-Xylene	**5,500**		1,900	600	270	
108-67-8	1,3,5-Trimethylbenzene	**2,200**		1,900	600	270	
95-63-6	1,2,4-Trimethylbenzene	**5,000**		1,800	600	260	
120-82-1	1,2,4-Trichlorobenzene		1,100	3,500	1,100	460	**U**
91-20-3	Naphthalene		1,100	1,800	1,100	460	**U**
1330-20-7	Xylenes, Total	**12,000**		3,500	1,200	490	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102356

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/16 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210516-MB	**93**	**108**	**114**	70-130	
Method Blank	P210517-MB	**92**	**107**	**106**	70-130	
Method Blank	P210518-MB	**91**	**106**	**111**	70-130	
Lab Control Sample	P210516-LCS	**93**	**102**	**112**	70-130	
Lab Control Sample	P210517-LCS	**91**	**102**	**104**	70-130	
Lab Control Sample	P210518-LCS	**90**	**102**	**108**	70-130	
Duplicate Lab Control Sample	P210516-DLCS	**92**	**103**	**110**	70-130	
Duplicate Lab Control Sample	P210517-DLCS	**92**	**102**	**104**	70-130	
Duplicate Lab Control Sample	P210518-DLCS	**90**	**102**	**108**	70-130	
SV1-160-212	P2102356-001	**92**	**104**	**104**	70-130	
SV1-217-212	P2102356-002	**93**	**106**	**105**	70-130	
SV1-252-212	P2102356-003	**92**	**106**	**106**	70-130	
SV1-263-212	P2102356-004	**91**	**105**	**108**	70-130	
SV2-102-212	P2102356-005	**92**	**105**	**106**	70-130	
SV2-117-212	P2102356-006	**91**	**106**	**109**	70-130	
SV2-160-212	P2102356-007	**90**	**93**	**94**	70-130	
SV2-217-212	P2102356-008	**90**	**106**	**109**	70-130	
SV2-252-212	P2102356-009	**91**	**99**	**101**	70-130	
SV2-270-212	P2102356-010	**90**	**99**	**102**	70-130	
SVE01-260-212	P2102356-011	**89**	**107**	**108**	70-130	
SVE02-060-212	P2102356-012	**90**	**99**	**102**	70-130	
SVE03-160-212	P2102356-013	**90**	**105**	**107**	70-130	
SVE04-313-212	P2102356-014	**90**	**105**	**107**	70-130	
SVE05-460-212	P2102356-015	**90**	**103**	**106**	70-130	
SVE10-410-612	P2102356-016	**90**	**107**	**110**	70-130	
SVE10-410-212	P2102356-017	**90**	**107**	**110**	70-130	
SVE11-410-212	P2102356-018	**89**	**93**	**98**	70-130	
SVE11-410-612	P2102356-019	**88**	**96**	**100**	70-130	
SVE13-410-212	P2102356-020	**91**	**104**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	156	157	**74**	**75**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	204	199	**97**	**95**	59-128	2	25	
74-87-3	Chloromethane	206	191	192	**93**	**93**	59-132	0	25	
75-01-4	Vinyl Chloride	208	194	200	**93**	**96**	64-127	3	25	
106-99-0	1,3-Butadiene	210	211	217	**100**	**103**	66-134	3	25	
75-00-3	Chloroethane	204	188	199	**92**	**98**	63-127	6	25	
64-17-5	Ethanol	998	760	821	**76**	**82**	59-125	8	25	
67-64-1	Acetone	1,030	850	883	**83**	**86**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	208	205	**102**	**100**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	327	345	**80**	**85**	52-125	6	25	
75-09-2	Methylene Chloride	208	196	202	**94**	**97**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	214	224	223	**105**	**104**	66-126	1	25	
75-15-0	Carbon Disulfide	428	405	415	**95**	**97**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	182	189	**86**	**89**	68-126	3	25	
78-93-3	2-Butanone (MEK)	412	388	401	**94**	**97**	67-130	3	25	
141-78-6	Ethyl Acetate	422	491	508	**116**	**120**	65-128	3	25	
110-54-3	n-Hexane	212	165	170	**78**	**80**	63-120	3	25	
67-66-3	Chloroform	214	204	205	**95**	**96**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	355	367	**89**	**92**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	205	203	**99**	**98**	65-128	1	25	
71-43-2	Benzene	204	170	173	**83**	**85**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	224	221	**107**	**105**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	395	404	**95**	**97**	70-117	2	25	
75-27-4	Bromodichloromethane	210	211	212	**100**	**101**	72-128	1	25	
79-01-6	Trichloroethene	206	217	215	**105**	**104**	71-123	1	25	
123-91-1	1,4-Dioxane	208	190	194	**91**	**93**	71-122	2	25	
142-82-5	n-Heptane	210	191	195	**91**	**93**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	389	399	**94**	**96**	67-130	2	25	
108-88-3	Toluene	206	206	208	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	404	378	392	**94**	**97**	62-128	3	25	
124-48-1	Dibromochloromethane	210	263	262	**125**	**125**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	247	249	**119**	**120**	74-122	0.8	25	
127-18-4	Tetrachloroethene	206	236	233	**115**	**113**	66-124	2	25	
100-41-4	Ethylbenzene	206	221	223	**107**	**108**	70-124	0.9	25	
179601-23-1	m,p-Xylenes	412	446	446	**108**	**108**	61-134	0	25	
75-25-2	Bromoform	208	286	282	**138**	**136**	66-139	1	25	
100-42-5	Styrene	206	223	223	**108**	**108**	73-127	0	25	
95-47-6	o-Xylene	206	223	222	**108**	**108**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	231	228	**112**	**111**	67-130	0.9	25	
95-63-6	1,2,4-Trimethylbenzene	204	235	233	**115**	**114**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	388	445	466	**115**	**120**	55-142	4	25	
91-20-3	Naphthalene	198	221	236	**112**	**119**	57-138	6	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	177	171	**84**	**81**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	198	192	**94**	**91**	59-128	3	25	
74-87-3	Chloromethane	206	217	206	**105**	**100**	59-132	5	25	
75-01-4	Vinyl Chloride	208	217	214	**104**	**103**	64-127	1	25	
106-99-0	1,3-Butadiene	210	239	237	**114**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	204	222	217	**109**	**106**	63-127	3	25	
64-17-5	Ethanol	998	922	918	**92**	**92**	59-125	0	25	
67-64-1	Acetone	1,030	960	953	**93**	**93**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	200	197	**98**	**97**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	374	375	**92**	**92**	52-125	0	25	
75-09-2	Methylene Chloride	208	210	207	**101**	**100**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	219	216	**102**	**101**	66-126	1	25	
75-15-0	Carbon Disulfide	428	433	429	**101**	**100**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	199	198	**94**	**93**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	417	417	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	422	544	546	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	212	182	182	**86**	**86**	63-120	0	25	
67-66-3	Chloroform	214	206	205	**96**	**96**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	382	382	**96**	**96**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	201	199	**97**	**96**	65-128	1	25	
71-43-2	Benzene	204	180	177	**88**	**87**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	208	207	**99**	**99**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	414	411	**100**	**99**	70-117	1	25	
75-27-4	Bromodichloromethane	210	211	208	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	206	213	209	**103**	**101**	71-123	2	25	
123-91-1	1,4-Dioxane	208	197	195	**95**	**94**	71-122	1	25	
142-82-5	n-Heptane	210	203	202	**97**	**96**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	423	420	**102**	**101**	67-130	1	25	
108-88-3	Toluene	206	206	204	**100**	**99**	66-119	1	25	
591-78-6	2-Hexanone	404	405	405	**100**	**100**	62-128	0	25	
124-48-1	Dibromochloromethane	210	248	245	**118**	**117**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	244	240	**117**	**115**	74-122	2	25	
127-18-4	Tetrachloroethene	206	220	217	**107**	**105**	66-124	2	25	
100-41-4	Ethylbenzene	206	217	215	**105**	**104**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	432	428	**105**	**104**	61-134	1	25	
75-25-2	Bromoform	208	261	258	**125**	**124**	66-139	0.8	25	
100-42-5	Styrene	206	215	213	**104**	**103**	73-127	1	25	
95-47-6	o-Xylene	206	215	213	**104**	**103**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	217	215	**105**	**104**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	220	218	**108**	**107**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	388	441	443	**114**	**114**	55-142	0	25	
91-20-3	Naphthalene	198	228	231	**115**	**117**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	163	161	**78**	**77**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	190	188	**90**	**90**	59-128	0	25	
74-87-3	Chloromethane	206	203	196	**99**	**95**	59-132	4	25	
75-01-4	Vinyl Chloride	208	205	206	**99**	**99**	64-127	0	25	
106-99-0	1,3-Butadiene	210	224	225	**107**	**107**	66-134	0	25	
75-00-3	Chloroethane	204	209	208	**102**	**102**	63-127	0	25	
64-17-5	Ethanol	998	858	868	**86**	**87**	59-125	1	25	
67-64-1	Acetone	1,030	903	909	**88**	**88**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	193	193	**95**	**95**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	351	355	**86**	**87**	52-125	1	25	
75-09-2	Methylene Chloride	208	201	202	**97**	**97**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	215	215	**100**	**100**	66-126	0	25	
75-15-0	Carbon Disulfide	428	414	417	**97**	**97**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	188	190	**89**	**90**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	398	402	**97**	**98**	67-130	1	25	
141-78-6	Ethyl Acetate	422	512	520	**121**	**123**	65-128	2	25	
110-54-3	n-Hexane	212	171	174	**81**	**82**	63-120	1	25	
67-66-3	Chloroform	214	198	200	**93**	**93**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	365	366	**91**	**92**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	191	193	**92**	**93**	65-128	1	25	
71-43-2	Benzene	204	173	174	**85**	**85**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	204	205	**97**	**98**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	400	402	**96**	**97**	70-117	1	25	
75-27-4	Bromodichloromethane	210	204	205	**97**	**98**	72-128	1	25	
79-01-6	Trichloroethene	206	208	208	**101**	**101**	71-123	0	25	
123-91-1	1,4-Dioxane	208	191	192	**92**	**92**	71-122	0	25	
142-82-5	n-Heptane	210	194	196	**92**	**93**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	401	404	**96**	**97**	67-130	1	25	
108-88-3	Toluene	206	199	201	**97**	**98**	66-119	1	25	
591-78-6	2-Hexanone	404	378	383	**94**	**95**	62-128	1	25	
124-48-1	Dibromochloromethane	210	242	243	**115**	**116**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	236	238	**113**	**114**	74-122	0.9	25	
127-18-4	Tetrachloroethene	206	216	218	**105**	**106**	66-124	0.9	25	
100-41-4	Ethylbenzene	206	210	212	**102**	**103**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	418	422	**101**	**102**	61-134	1	25	
75-25-2	Bromoform	208	257	258	**124**	**124**	66-139	0	25	
100-42-5	Styrene	206	208	211	**101**	**102**	73-127	1	25	
95-47-6	o-Xylene	206	208	210	**101**	**102**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	211	212	**102**	**103**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	214	215	**105**	**105**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	452	458	**116**	**118**	55-142	2	25	
91-20-3	Naphthalene	198	237	240	**120**	**121**	57-138	0.8	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05162101.D
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 22:50
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	114851		9.15	512305		11.11		249659		15.45	
	Upper Limit	160791		9.48	717227		11.44		349523		15.78	
	Lower Limit	68911		8.82	307383		10.78		149795		15.12	
	Client Sample ID											
01	Method Blank	110965		9.12	486721		11.10		224813		15.44	
02	Lab Control Sample	108732		9.15	488874		11.11		239451		15.45	
03	Duplicate Lab Control Sample	117401		9.15	525299		11.11		254701		15.45	
04	SV1-160-212	148506		9.13	666996		11.10		321255		15.45	
05	SV1-217-212	146603		9.13	665529		11.10		316297		15.45	
06	SV2-102-212	148732		9.14	667899		11.10		317333		15.45	
07	SV1-252-212	149565		9.12	672221		11.10		323993		15.45	
08	SV2-102-212 (Dilution)	147074		9.13	664891		11.10		315036		15.45	
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05172101.D
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 22:34
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	154440		9.15	695124		11.11		345332		15.45	
	Upper Limit	216216		9.48	973174		11.44		483465		15.78	
	Lower Limit	92664		8.82	417074		10.78		207199		15.12	
	Client Sample ID											
01	Method Blank	142837		9.12	637095		11.10		303125		15.44	
02	Lab Control Sample	142912		9.15	641545		11.11		316060		15.45	
03	Duplicate Lab Control Sample	143739		9.15	648644		11.11		319081		15.45	
04	SV1-263-212	141355		9.13	634674		11.10		305523		15.45	
05	SV2-160-212	152075		9.12	677728		11.10		364327		15.45	
06	SV1-263-212 (Dilution)	142110		9.13	645419		11.10		306681		15.45	
07	SV2-117-212	147724		9.13	666356		11.10		316433		15.45	
08	SV2-217-212	147439		9.13	664172		11.10		312208		15.45	
09	SV2-160-212 (Dilution)	149337		9.13	665426		11.10		329087		15.45	
10	SVE13-410-212	147900		9.13	670435		11.10		320008		15.45	
11	SV2-252-212	150155		9.13	671961		11.10		342519		15.45	
12	SV2-270-212	150034		9.13	669682		11.10		335530		15.45	
13	SVE02-060-212	150485		9.13	670237		11.10		334711		15.45	
14	SVE02-060-212 (Dilution)	147721		9.13	664105		11.10		316225		15.45	
15	SV2-252-212 (Dilution)	146976		9.12	658885		11.10		317218		15.45	
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
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IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
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Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102356
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05182101.D
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 21:00
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	149966		9.15	673103		11.11		334041		15.45	
	Upper Limit	209952		9.48	942344		11.44		467657		15.78	
	Lower Limit	89980		8.82	403862		10.78		200425		15.12	
	Client Sample ID											
01	Method Blank	140782		9.12	633527		11.09		304220		15.44	
02	Lab Control Sample	142970		9.14	638908		11.11		316578		15.45	
03	Duplicate Lab Control Sample	140854		9.15	633029		11.11		312637		15.45	
04	SVE01-260-212	143874		9.13	645296		11.10		301682		15.45	
05	SV2-270-212 (Dilution)	150879		9.13	669218		11.10		319324		15.45	
06	SVE03-160-212	149749		9.13	671072		11.10		318986		15.45	
07	SVE04-313-212	149511		9.12	676055		11.10		319707		15.45	
08	SVE05-460-212	149119		9.13	674556		11.10		323888		15.45	
09	SVE11-410-212	148262		9.13	664745		11.10		347658		15.45	
10	SVE10-410-212	146647		9.13	657877		11.10		314609		15.45	
11	SVE10-410-612	146836		9.13	659177		11.10		314761		15.45	
12	SVE11-410-612	152631		9.13	680055		11.10		345329		15.45	
13												
14												
15												
16												
17												
18												
19												
20												

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Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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www.alsglobal.com

LABORATORY REPORT

June 1, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 23, 2021. For your reference, these analyses have been assigned our service request number P2102357.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 5:23 pm, Jun 01, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102357
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 23, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2102357-009,016	Acetone

The upper control criterion was exceeded for naphthalene in the Continuing Calibration Verification (CCV) analyzed on May 13, 2021, ethyl acetate on May 14, 2021, and propene, 1,3-butadiene, and ethyl acetate on May 15, 2021. Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

The spike recovery of 1,3-butadiene for the Laboratory Control Sample (LCS) analyzed on May, 14, 2021, and the spike recovery of ethyl acetate on May 19, 2021 was outside the DoD upper control criterion. The recovery error equates to a potential high bias. However, the spike recovery of the analyte in question was within the laboratory criteria; therefore, no further corrective action was taken.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102357
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/23/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV01-050-212	P2102357-001	Air	4/19/2021	09:12	1SS01234	-4.36	5.92	X
SV01-100-212	P2102357-002	Air	4/19/2021	09:17	1SS01238	-2.92	5.25	X
SV01-250-212	P2102357-003	Air	4/19/2021	09:22	1SS01282	-3.25	5.69	X
SV01-300-212	P2102357-004	Air	4/19/2021	09:27	1SS01232	-4.27	5.94	X
SV02-050-212	P2102357-005	Air	4/19/2021	10:22	1SS01265	-4.53	5.29	X
SV02-100-212	P2102357-006	Air	4/19/2021	10:27	1SS01295	-5.02	5.38	X
SV02-150-612	P2102357-007	Air	4/19/2021	10:34	1SS01262	-4.21	5.53	X
SV02-150-212	P2102357-008	Air	4/19/2021	10:34	1SS01301	-3.85	5.40	X
SV05-050-612	P2102357-009	Air	4/19/2021	09:43	1SS01230	-3.26	5.20	X
SV05-050-212	P2102357-010	Air	4/19/2021	09:43	1SS01305	-3.89	5.17	X
SV05-100-212	P2102357-011	Air	4/19/2021	09:47	1SS01302	-3.91	5.12	X
SV05-230-212	P2102357-012	Air	4/19/2021	09:51	1SS01288	-2.86	5.85	X
SV05-290-212	P2102357-013	Air	4/19/2021	09:55	1SS01297	-4.61	5.32	X
SV06-050-212	P2102357-014	Air	4/19/2021	12:03	1SC00621	-2.93	6.98	X
SV06-100-612	P2102357-015	Air	4/19/2021	12:08	1SS00966	-3.40	5.21	X
SV06-100-212	P2102357-016	Air	4/19/2021	12:08	1SS01138	-4.23	5.39	X
SV06-252-212	P2102357-017	Air	4/19/2021	12:16	1SC00789	-3.15	5.39	X
SV06-302-212	P2102357-018	Air	4/19/2021	12:19	1SC00926	-2.54	8.52	X
SV07-050-212	P2102357-019	Air	4/21/2021	08:58	1SC00970	-2.46	5.75	X
SV07-100-212	P2102357-020	Air	4/21/2021	09:02	1SC00768	-3.98	5.22	X
SV07-150-212	P2102357-021	Air	4/21/2021	09:06	1SS01216	-3.00	5.58	X
SV10-050-212	P2102357-022	Air	4/20/2021	13:58	1SS01279	-4.26	5.30	X
SV10-100-212	P2102357-023	Air	4/20/2021	14:05	1SC00510	-2.46	6.72	X
SV10-150-212	P2102357-024	Air	4/20/2021	14:11	1SC01068	-3.93	5.97	X

Air - Chain of Custody Record & Analytical Service Request

Page 7 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-03**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2102357

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Facility
Project Number	62735DM02
P.O. # / Billing Information	17682
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV01-050-212	1	4/19/2021	09:12	1SS01234	NA	-23.0	-1.0	1L	X	None
SV01-100-212	2	4/19/2021	09:17	1SS01238	NA	-26.0	-3.0	1L	X	None
SV01-250-212	3	4/19/2021	09:22	1SS01282	NA	-24.0	-2.0	1L	X	None
SV01-300-212	4	4/19/2021	09:27	1SS01232	NA	-25.0	-3.0	1L	X	None
SV02-050-212	5	4/19/2021	10:22	1SS01265	NA	-23.0	-5.0	1L	X	None
SV02-100-212	6	4/19/2021	10:27	1SS01295	NA	-24.0	-6.0	1L	X	None
SV02-150-612	7	4/19/2021	10:34	1SS01262	NA	-25.5	-4.0	1L	X	None
SV02-150-212	8	4/19/2021	10:34	1SS01301	NA	-24.0	-4.0	1L	X	None
SV05-050-612	9	4/19/2021	09:43	1SS01230	NA	-24.5	-3.0	1L	X	None
SV05-050-212	10	4/19/2021	09:43	1SS01305	NA	-23.5	-3.0	1L	X	None
SV05-100-212	11	4/19/2021	09:47	1SS01302	NA	-24.0	-4.5	1L	X	None
SV05-230-212	12	4/19/2021	09:51	1SS01288	NA	-26.5	-4.0	1L	X	None

FedEX Tracking Number: 9719 9695 2272

Shipping information: Box number 4 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)	Date: 4-23-21	Time: 0930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Project Requirements: QAPP

Cooler / Blank Temperature NA °C

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Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: COC-SV212-03

Requested Turnaround Time in Business Days: 10 Day-Standard

ALS Project No.: P2102357

Company Name & Address (Reporting Information): EA Engineering, Science, and Technology, Inc., PBC, 225 Schilling Circle Suite 400, Hunt Valley, MD, (410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facilitiy

Project Number: 62735DM02

P.O. # / Billing Information: 17682

Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143

Email Address for Result Reporting: Tara Lamond: Amanda Smith: Pam Moss:

Sampler (Print & Sign): Tyler Curley

ALS Contact: Hayden Akers, 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV05-290-212	13	4/19/2021	09:55	1SS01297	NA	-24.5	-5.0	1L	X	None
SV06-050-212	14	4/19/2021	12:03	1SC00621	NA	-25.5	-2.5	1L	X	None
SV06-100-612	15	4/19/2021	12:08	1SS00966	NA	-22.0	-2.5	1L	X	None
SV06-100-212	16	4/19/2021	12:08	1SS01138	NA	-25.0	-4.0	1L	X	None
SV06-252-212	17	4/19/2021	12:16	1SC00789	NA	-26.0	-3.0	1L	X	None
SV06-302-212	18	4/19/2021	12:19	1SC00926	NA	-25.0	0.0	1L	X	None
SV07-050-212	19	4/21/2021	08:58	1SC00970	NA	-23.0	-0.5	1L	X	None
SV07-100-212	20	4/21/2021	09:02	1SC00768	NA	-25.0	-5.0	1L	X	None
SV07-150-212	21	4/21/2021	09:06	1SS01216	NA	-25.0	-4.0	1L	X	None
SV10-050-212	22	4/20/2021	13:58	1SS01279	NA	-24.0	-3.5	1L	X	None
SV10-100-212	23	4/20/2021	14:05	1SC00510	NA	-24.0	-2.0	1L	X	None
SV10-150-212	24	4/20/2021	14:11	1SC01068	NA	-25.0	-4.0	1L	X	None

FedEX Tracking Number: 9719 9695 2077

Shipping information: Box number 5 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier II (Results + QC Summaries) ____ Tier III (Results + QC & Calibration Summaries) ____ Tier IV (Data Validation Package) X

EDD required: Yes Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-21-21	1130		4-23-21	0930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

6-01152

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102357

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102357-001.01	1.0 L Source Silonite Canister					
P2102357-002.01	1.0 L Source Silonite Canister					
P2102357-003.01	1.0 L Source Silonite Canister					
P2102357-004.01	1.0 L Source Silonite Canister					
P2102357-005.01	1.0 L Source Silonite Canister					
P2102357-006.01	1.0 L Source Silonite Canister					
P2102357-007.01	1.0 L Source Silonite Canister					
P2102357-008.01	1.0 L Source Silonite Canister					
P2102357-009.01	1.0 L Source Silonite Canister					
P2102357-010.01	1.0 L Source Silonite Canister					
P2102357-011.01	1.0 L Source Silonite Canister					
P2102357-012.01	1.0 L Source Silonite Canister					
P2102357-013.01	1.0 L Source Silonite Canister					
P2102357-014.01	1.0 L Source Can					
P2102357-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102357

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102357-016.01	1.0 L Source Silonite Canister					
P2102357-017.01	1.0 L Source Can					
P2102357-018.01	1.0 L Source Can					
P2102357-019.01	1.0 L Source Can					
P2102357-020.01	1.0 L Source Can					
P2102357-021.01	1.0 L Source Silonite Canister					
P2102357-022.01	1.0 L Source Silonite Canister					
P2102357-023.01	1.0 L Source Can					
P2102357-024.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01234

Initial Pressure (psig): -4.36 Final Pressure (psig): 5.92

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.5	0.93	0.38	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.59**	0.52	0.32	0.088	
74-87-3	Chloromethane	0.77	1.3	0.77	0.21	**U**
75-01-4	Vinyl Chloride	0.33	1.0	0.33	0.11	**U**
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**3.9**	14	2.2	0.98	**J**
67-64-1	Acetone	**2.7**	11	5.7	2.5	**J**
75-69-4	Trichlorofluoromethane	**3.4**	0.45	0.28	0.072	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.3	2.0	1.3	0.45	**U**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**6.4**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	0.86	1.6	0.86	0.26	**U**
75-34-3	1,1-Dichloroethane	0.41	0.66	0.41	0.096	**U**
78-93-3	2-Butanone (MEK)	**1.0**	1.7	0.54	0.19	**J**
141-78-6	Ethyl Acetate	0.90	1.4	0.90	0.39	**U**
110-54-3	n-Hexane	0.45	0.73	0.45	0.16	**U**
67-66-3	Chloroform	0.17	0.54	0.17	0.072	**U**
109-99-9	Tetrahydrofuran (THF)	0.29	1.7	0.29	0.11	**U**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.073	**U**
71-43-2	Benzene	0.26	0.81	0.26	0.12	**U**
56-23-5	Carbon Tetrachloride	0.13	0.40	0.13	0.059	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01234

Initial Pressure (psig): -4.36 Final Pressure (psig): 5.92

Container Dilution Factor: 1.99

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.49	1.4	0.49	0.22	**U**
75-27-4	Bromodichloromethane	0.13	0.39	0.13	0.057	**U**
79-01-6	Trichloroethene	0.16	0.47	0.16	0.067	**U**
123-91-1	1,4-Dioxane	0.23	0.72	0.23	0.087	**U**
142-82-5	n-Heptane	**0.12**	0.63	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.089	**U**
108-88-3	Toluene	**0.74**	0.69	0.22	0.086	
591-78-6	2-Hexanone	**0.15**	1.2	0.21	0.080	**J**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.33**	0.38	0.12	0.051	**J**
100-41-4	Ethylbenzene	**1.2**	0.60	0.19	0.086	
179601-23-1	m,p-Xylenes	**6.0**	1.1	0.39	0.16	
75-25-2	Bromoform	0.15	0.26	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.61	0.37	0.10	**U**
95-47-6	o-Xylene	**2.2**	0.61	0.19	0.088	
108-67-8	1,3,5-Trimethylbenzene	**2.7**	0.54	0.17	0.078	
95-63-6	1,2,4-Trimethylbenzene	**10**	0.53	0.17	0.075	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	**1.8**	0.49	0.29	0.12	**B, V**
1330-20-7	Xylenes, Total	**8.2**	1.1	0.39	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01238

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.25

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,300**	8,500	5,200	2,100	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,800	3,000	1,800	500	**U**
74-87-3	Chloromethane	4,400	7,100	4,400	1,200	**U**
75-01-4	Vinyl Chloride	1,900	5,800	1,900	630	**U**
106-99-0	1,3-Butadiene	4,100	6,600	4,100	1,100	**U**
75-00-3	Chloroethane	3,400	5,600	3,400	700	**U**
64-17-5	Ethanol	12,000	79,000	12,000	5,500	**U**
67-64-1	Acetone	32,000	62,000	32,000	14,000	**U**
75-69-4	Trichlorofluoromethane	1,600	2,600	1,600	410	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	7,200	11,000	7,200	2,500	**U**
75-09-2	Methylene Chloride	2,600	4,200	2,600	1,200	**U**
76-13-1	Trichlorotrifluoroethane	**440**	1,900	630	280	**J**
75-15-0	Carbon Disulfide	4,900	9,000	4,900	1,400	**U**
75-34-3	1,1-Dichloroethane	2,300	3,800	2,300	540	**U**
78-93-3	2-Butanone (MEK)	3,100	9,600	3,100	1,100	**U**
141-78-6	Ethyl Acetate	5,100	7,800	5,100	2,200	**U**
110-54-3	n-Hexane	**660,000**	4,200	2,600	880	
67-66-3	Chloroform	980	3,100	980	410	**U**
109-99-9	Tetrahydrofuran (THF)	1,600	9,600	1,600	640	**U**
107-06-2	1,2-Dichloroethane	1,200	3,600	1,200	410	**U**
71-43-2	Benzene	**55,000**	4,600	1,500	680	
56-23-5	Carbon Tetrachloride	760	2,300	760	330	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01238

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.25

Container Dilution Factor: 1.69

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**660,000**		8,200	2,800	1,200	
75-27-4	Bromodichloromethane		720	2,200	720	320	**U**
79-01-6	Trichloroethene		890	2,700	890	380	**U**
123-91-1	1,4-Dioxane		1,300	4,100	1,300	490	**U**
142-82-5	n-Heptane	**240,000**		3,600	2,200	580	
108-10-1	4-Methyl-2-pentanone		1,200	6,900	1,200	500	**U**
108-88-3	Toluene	**45,000**		3,900	1,300	490	
591-78-6	2-Hexanone		1,200	6,900	1,200	450	**U**
124-48-1	Dibromochloromethane		560	1,700	560	230	**U**
106-93-4	1,2-Dibromoethane		620	1,900	620	230	**U**
127-18-4	Tetrachloroethene	**430**		2,200	710	290	**J**
100-41-4	Ethylbenzene	**3,300**		3,400	1,100	490	**J**
179601-23-1	m,p-Xylenes	**26,000**		6,500	2,200	910	
75-25-2	Bromoform		870	1,400	870	300	**U**
100-42-5	Styrene		2,100	3,400	2,100	570	**U**
95-47-6	o-Xylene	**9,000**		3,400	1,100	500	
108-67-8	1,3,5-Trimethylbenzene	**2,300**		3,000	970	440	**J**
95-63-6	1,2,4-Trimethylbenzene	**3,100**		3,000	970	420	
120-82-1	1,2,4-Trichlorobenzene		1,200	3,800	1,200	490	**U**
91-20-3	Naphthalene		1,700	2,800	1,700	700	**U**
1330-20-7	Xylenes, Total	**35,000**		6,500	2,200	910	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-250-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01282

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.69

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5,500**	3,600	2,200	900	
75-71-8	Dichlorodifluoromethane (CFC 12)	770	1,200	770	210	**U**
74-87-3	Chloromethane	1,800	3,000	1,800	490	**U**
75-01-4	Vinyl Chloride	790	2,500	790	260	**U**
106-99-0	1,3-Butadiene	1,700	2,800	1,700	470	**U**
75-00-3	Chloroethane	1,400	2,300	1,400	300	**U**
64-17-5	Ethanol	5,200	33,000	5,200	2,300	**U**
67-64-1	Acetone	13,000	26,000	13,000	6,000	**U**
75-69-4	Trichlorofluoromethane	680	1,100	680	170	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,000	4,800	3,000	1,100	**U**
75-09-2	Methylene Chloride	1,100	1,800	1,100	510	**U**
76-13-1	Trichlorotrifluoroethane	**200**	820	260	120	**J**
75-15-0	Carbon Disulfide	2,100	3,800	2,100	610	**U**
75-34-3	1,1-Dichloroethane	970	1,600	970	230	**U**
78-93-3	2-Butanone (MEK)	1,300	4,000	1,300	440	**U**
141-78-6	Ethyl Acetate	2,100	3,300	2,100	920	**U**
110-54-3	n-Hexane	**280,000**	1,800	1,100	370	
67-66-3	Chloroform	410	1,300	410	170	**U**
109-99-9	Tetrahydrofuran (THF)	680	4,000	680	270	**U**
107-06-2	1,2-Dichloroethane	500	1,500	500	170	**U**
71-43-2	Benzene	**30,000**	1,900	630	290	
56-23-5	Carbon Tetrachloride	320	960	320	140	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-250-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01282

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.69

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**320,000**		3,400	1,200	520	
75-27-4	Bromodichloromethane		300	920	300	140	**U**
79-01-6	Trichloroethene		380	1,100	380	160	**U**
123-91-1	1,4-Dioxane		560	1,700	560	210	**U**
142-82-5	n-Heptane	**220,000**		1,500	930	250	
108-10-1	4-Methyl-2-pentanone		490	2,900	490	210	**U**
108-88-3	Toluene	**5,400**		1,600	540	200	
591-78-6	2-Hexanone		490	2,900	490	190	**U**
124-48-1	Dibromochloromethane		240	720	240	98	**U**
106-93-4	1,2-Dibromoethane		260	800	260	96	**U**
127-18-4	Tetrachloroethene	**170**		910	300	120	**J**
100-41-4	Ethylbenzene	**700**		1,400	460	200	**J**
179601-23-1	m,p-Xylenes		930	2,700	930	380	**U**
75-25-2	Bromoform		370	610	370	130	**U**
100-42-5	Styrene		890	1,400	890	240	**U**
95-47-6	o-Xylene	**1,500**		1,400	460	210	
108-67-8	1,3,5-Trimethylbenzene		410	1,300	410	190	**U**
95-63-6	1,2,4-Trimethylbenzene		410	1,300	410	180	**U**
120-82-1	1,2,4-Trichlorobenzene		510	1,600	510	210	**U**
91-20-3	Naphthalene		700	1,200	700	290	**U**
1330-20-7	Xylenes, Total	**1,500**		2,700	930	380	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-300-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01232

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.94

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**160**	60	37	15	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.7**	21	13	3.5	**J**
74-87-3	Chloromethane	31	50	31	8.2	**U**
75-01-4	Vinyl Chloride	13	41	13	4.4	**U**
106-99-0	1,3-Butadiene	29	47	29	7.9	**U**
75-00-3	Chloroethane	24	39	24	5.0	**U**
64-17-5	Ethanol	**53**	560	87	39	**J**
67-64-1	Acetone	230	430	230	100	**U**
75-69-4	Trichlorofluoromethane	11	18	11	2.9	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**180**	81	51	18	
75-09-2	Methylene Chloride	18	30	18	8.6	**U**
76-13-1	Trichlorotrifluoroethane	**130**	14	4.4	2.0	
75-15-0	Carbon Disulfide	34	64	34	10	**U**
75-34-3	1,1-Dichloroethane	16	26	16	3.8	**U**
78-93-3	2-Butanone (MEK)	21	67	21	7.4	**U**
141-78-6	Ethyl Acetate	36	55	36	15	**U**
110-54-3	n-Hexane	**4,000**	29	18	6.2	
67-66-3	Chloroform	6.9	21	6.9	2.9	**U**
109-99-9	Tetrahydrofuran (THF)	11	67	11	4.5	**U**
107-06-2	1,2-Dichloroethane	8.3	25	8.3	2.9	**U**
71-43-2	Benzene	**940**	32	11	4.8	
56-23-5	Carbon Tetrachloride	**7.0**	16	5.4	2.3	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-300-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01232

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.94

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**8,400**	58	20	8.6	
75-27-4	Bromodichloromethane	5.0	15	5.0	2.3	**U**
79-01-6	Trichloroethene	**4.9**	19	6.3	2.7	**J**
123-91-1	1,4-Dioxane	9.3	29	9.3	3.5	**U**
142-82-5	n-Heptane	**2,900**	25	15	4.1	
108-10-1	4-Methyl-2-pentanone	8.2	48	8.2	3.5	**U**
108-88-3	Toluene	**28**	27	8.9	3.4	
591-78-6	2-Hexanone	8.2	48	8.2	3.2	**U**
124-48-1	Dibromochloromethane	4.0	12	4.0	1.6	**U**
106-93-4	1,2-Dibromoethane	4.4	13	4.4	1.6	**U**
127-18-4	Tetrachloroethene	**5.2**	15	5.0	2.0	**J**
100-41-4	Ethylbenzene	**4.5**	24	7.8	3.4	**J**
179601-23-1	m,p-Xylenes	**39**	46	16	6.4	**J**
75-25-2	Bromoform	6.1	10	6.1	2.1	**U**
100-42-5	Styrene	15	24	15	4.0	**U**
95-47-6	o-Xylene	**22**	24	7.8	3.5	**J**
108-67-8	1,3,5-Trimethylbenzene	**7.0**	21	6.8	3.1	**J**
95-63-6	1,2,4-Trimethylbenzene	**9.4**	21	6.8	3.0	**J**
120-82-1	1,2,4-Trichlorobenzene	8.5	27	8.5	3.5	**U**
91-20-3	Naphthalene	**7.2**	20	12	4.9	**J, B, V**
1330-20-7	Xylenes, Total	**62**	46	16	6.4	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01265

Initial Pressure (psig): -4.53 Final Pressure (psig): 5.29

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	24	40	24	9.9	U
75-71-8	Dichlorodifluoromethane (CFC 12)	8.5	14	8.5	2.3	U
74-87-3	Chloromethane	20	33	20	5.5	U
75-01-4	Vinyl Chloride	8.7	27	8.7	2.9	U
106-99-0	1,3-Butadiene	19	31	19	5.2	U
75-00-3	Chloroethane	16	26	16	3.3	U
64-17-5	Ethanol	58	370	58	26	U
67-64-1	Acetone	150	290	150	66	U
75-69-4	Trichlorofluoromethane	7.5	12	7.5	1.9	U
67-63-0	2-Propanol (Isopropyl Alcohol)	34	53	34	12	U
75-09-2	Methylene Chloride	12	20	12	5.7	U
76-13-1	Trichlorotrifluoroethane	2.9	9.1	2.9	1.3	U
75-15-0	Carbon Disulfide	23	42	23	6.8	U
75-34-3	1,1-Dichloroethane	11	18	11	2.5	U
78-93-3	2-Butanone (MEK)	14	45	14	4.9	U
141-78-6	Ethyl Acetate	24	36	24	10	U
110-54-3	n-Hexane	12	19	12	4.1	U
67-66-3	Chloroform	4.6	14	4.6	1.9	U
109-99-9	Tetrahydrofuran (THF)	7.6	45	7.6	3.0	U
107-06-2	1,2-Dichloroethane	5.5	17	5.5	1.9	U
71-43-2	Benzene	7.0	21	7.0	3.2	U
56-23-5	Carbon Tetrachloride	3.6	11	3.6	1.5	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01265

Initial Pressure (psig): -4.53 Final Pressure (psig): 5.29

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	13	38	13	5.7	**U**
75-27-4	Bromodichloromethane	3.3	10	3.3	1.5	**U**
79-01-6	Trichloroethene	4.2	12	4.2	1.8	**U**
123-91-1	1,4-Dioxane	6.2	19	6.2	2.3	**U**
142-82-5	n-Heptane	10	17	10	2.7	**U**
108-10-1	4-Methyl-2-pentanone	5.5	32	5.5	2.3	**U**
108-88-3	Toluene	5.9	18	5.9	2.3	**U**
591-78-6	2-Hexanone	5.5	32	5.5	2.1	**U**
124-48-1	Dibromochloromethane	2.6	8.0	2.6	1.1	**U**
106-93-4	1,2-Dibromoethane	2.9	8.9	2.9	1.1	**U**
127-18-4	Tetrachloroethene	3.3	10	3.3	1.3	**U**
100-41-4	Ethylbenzene	5.1	16	5.1	2.3	**U**
179601-23-1	m,p-Xylenes	10	30	10	4.2	**U**
75-25-2	Bromoform	4.1	6.7	4.1	1.4	**U**
100-42-5	Styrene	9.9	16	9.9	2.7	**U**
95-47-6	o-Xylene	5.1	16	5.1	2.3	**U**
108-67-8	1,3,5-Trimethylbenzene	4.5	14	4.5	2.1	**U**
95-63-6	1,2,4-Trimethylbenzene	4.5	14	4.5	2.0	**U**
120-82-1	1,2,4-Trichlorobenzene	5.7	18	5.7	2.3	**U**
91-20-3	Naphthalene	7.8	13	7.8	3.3	**U**
1330-20-7	Xylenes, Total	10	30	10	4.2	**U**

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RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV02-100-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-006
Test Code:	EPA TO-15	Date Collected:	4/19/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan	Date Analyzed:	5/13 - 5/14/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00015 Liter(s)
Test Notes:			0.000050 Liter(s)
Container ID:	1SS01295		

Initial Pressure (psig): -5.02 Final Pressure (psig): 5.38

Container Dilution Factor: 2.07

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,200**	4,200	2,600	1,000	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	890	1,500	890	240	**U**
74-87-3	Chloromethane	2,100	3,500	2,100	570	**U**
75-01-4	Vinyl Chloride	920	2,900	920	310	**U**
106-99-0	1,3-Butadiene	2,000	3,200	2,000	550	**U**
75-00-3	Chloroethane	1,700	2,700	1,700	350	**U**
64-17-5	Ethanol	6,100	39,000	6,100	2,700	**U**
67-64-1	Acetone	16,000	30,000	16,000	7,000	**U**
75-69-4	Trichlorofluoromethane	790	1,300	790	200	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,500	5,600	3,500	1,200	**U**
75-09-2	Methylene Chloride	1,300	2,100	1,300	600	**U**
76-13-1	Trichlorotrifluoroethane	310	950	310	140	**U**
75-15-0	Carbon Disulfide	2,400	4,400	2,400	710	**U**
75-34-3	1,1-Dichloroethane	1,100	1,800	1,100	270	**U**
78-93-3	2-Butanone (MEK)	1,500	4,700	1,500	510	**U**
141-78-6	Ethyl Acetate	2,500	3,800	2,500	1,100	**U**
110-54-3	n-Hexane	**370,000**	2,000	1,300	430	
67-66-3	Chloroform	480	1,500	480	200	**U**
109-99-9	Tetrahydrofuran (THF)	800	4,700	800	310	**U**
107-06-2	1,2-Dichloroethane	580	1,800	580	200	**U**
71-43-2	Benzene	**180,000**	2,200	730	330	
56-23-5	Carbon Tetrachloride	370	1,100	370	160	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01295

Initial Pressure (psig): -5.02 Final Pressure (psig): 5.38

Container Dilution Factor: 2.07

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**530,000**		4,000	1,400	600	
75-27-4	Bromodichloromethane		350	1,100	350	160	**U**
79-01-6	Trichloroethene	**210**		1,300	440	180	**J**
123-91-1	1,4-Dioxane		650	2,000	650	240	**U**
142-82-5	n-Heptane	**720,000**		5,300	3,200	860	**D**
108-10-1	4-Methyl-2-pentanone		570	3,400	570	250	**U**
108-88-3	Toluene	**580,000**		5,700	1,900	710	**D**
591-78-6	2-Hexanone		570	3,400	570	220	**U**
124-48-1	Dibromochloromethane		280	840	280	110	**U**
106-93-4	1,2-Dibromoethane	**1,800**		930	310	110	
127-18-4	Tetrachloroethene		350	1,100	350	140	**U**
100-41-4	Ethylbenzene	**26,000**		1,700	540	240	
179601-23-1	m,p-Xylenes	**120,000**		3,200	1,100	440	
75-25-2	Bromoform		430	710	430	150	**U**
100-42-5	Styrene		1,000	1,700	1,000	280	**U**
95-47-6	o-Xylene	**27,000**		1,700	540	240	
108-67-8	1,3,5-Trimethylbenzene	**4,100**		1,500	480	220	
95-63-6	1,2,4-Trimethylbenzene	**6,500**		1,500	480	210	
120-82-1	1,2,4-Trichlorobenzene		600	1,900	600	240	**U**
91-20-3	Naphthalene		820	1,400	820	340	**U**
1330-20-7	Xylenes, Total	**140,000**		3,200	1,100	440	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV02-150-612**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-007
Test Code:	EPA TO-15	Date Collected:	4/19/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan	Date Analyzed:	5/13 - 5/14/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00013 Liter(s)
Test Notes:			0.000050 Liter(s)
Container ID:	1SS01262		

Initial Pressure (psig): -4.21 Final Pressure (psig): 5.53

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	2,800	4,500	2,800	1,100	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	960	1,600	960	260	**U**
74-87-3	Chloromethane	2,300	3,700	2,300	620	**U**
75-01-4	Vinyl Chloride	990	3,100	990	330	**U**
106-99-0	1,3-Butadiene	2,100	3,500	2,100	590	**U**
75-00-3	Chloroethane	1,800	2,900	1,800	370	**U**
64-17-5	Ethanol	6,500	42,000	6,500	2,900	**U**
67-64-1	Acetone	17,000	33,000	17,000	7,500	**U**
75-69-4	Trichlorofluoromethane	850	1,300	850	210	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,800	6,000	3,800	1,300	**U**
75-09-2	Methylene Chloride	1,400	2,200	1,400	640	**U**
76-13-1	Trichlorotrifluoroethane	330	1,000	330	150	**U**
75-15-0	Carbon Disulfide	2,600	4,800	2,600	760	**U**
75-34-3	1,1-Dichloroethane	1,200	2,000	1,200	290	**U**
78-93-3	2-Butanone (MEK)	1,600	5,000	1,600	550	**U**
141-78-6	Ethyl Acetate	2,700	4,100	2,700	1,200	**U**
110-54-3	n-Hexane	**420,000**	2,200	1,300	460	
67-66-3	Chloroform	520	1,600	520	220	**U**
109-99-9	Tetrahydrofuran (THF)	860	5,000	860	340	**U**
107-06-2	1,2-Dichloroethane	620	1,900	620	220	**U**
71-43-2	Benzene	**190,000**	2,400	790	360	
56-23-5	Carbon Tetrachloride	400	1,200	400	170	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00013 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01262

Initial Pressure (psig): -4.21 Final Pressure (psig): 5.53

Container Dilution Factor: 1.93

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**500,000**		4,300	1,500	650	
75-27-4	Bromodichloromethane		380	1,200	380	170	**U**
79-01-6	Trichloroethene	**260**		1,400	470	200	**J**
123-91-1	1,4-Dioxane		700	2,100	700	260	**U**
142-82-5	n-Heptane	**690,000**		4,900	3,000	800	**D**
108-10-1	4-Methyl-2-pentanone		620	3,600	620	260	**U**
108-88-3	Toluene	**340,000**		2,000	670	260	
591-78-6	2-Hexanone		620	3,600	620	240	**U**
124-48-1	Dibromochloromethane		300	910	300	120	**U**
106-93-4	1,2-Dibromoethane	**200**		1,000	330	120	**J**
127-18-4	Tetrachloroethene		370	1,100	370	150	**U**
100-41-4	Ethylbenzene	**22,000**		1,800	580	260	
179601-23-1	m,p-Xylenes	**78,000**		3,400	1,200	480	
75-25-2	Bromoform		460	760	460	160	**U**
100-42-5	Styrene		1,100	1,800	1,100	300	**U**
95-47-6	o-Xylene	**26,000**		1,800	580	260	
108-67-8	1,3,5-Trimethylbenzene	**3,000**		1,600	510	230	
95-63-6	1,2,4-Trimethylbenzene	**4,600**		1,600	510	220	
120-82-1	1,2,4-Trichlorobenzene		640	2,000	640	260	**U**
91-20-3	Naphthalene	**860**		1,500	880	370	**J, B, V**
1330-20-7	Xylenes, Total	**100,000**		3,400	1,200	480	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00012 Liter(s)
Test Notes: 0.000060 Liter(s)
Container ID: 1SS01301

Initial Pressure (psig): -3.85 Final Pressure (psig): 5.40

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	2,900	4,700	2,900	1,200	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,000	1,600	1,000	270	**U**
74-87-3	Chloromethane	2,400	3,900	2,400	640	**U**
75-01-4	Vinyl Chloride	1,000	3,200	1,000	340	**U**
106-99-0	1,3-Butadiene	2,200	3,600	2,200	610	**U**
75-00-3	Chloroethane	1,900	3,000	1,900	390	**U**
64-17-5	Ethanol	6,800	43,000	6,800	3,000	**U**
67-64-1	Acetone	18,000	34,000	18,000	7,800	**U**
75-69-4	Trichlorofluoromethane	880	1,400	880	220	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	4,000	6,300	4,000	1,400	**U**
75-09-2	Methylene Chloride	1,400	2,300	1,400	670	**U**
76-13-1	Trichlorotrifluoroethane	340	1,100	340	150	**U**
75-15-0	Carbon Disulfide	2,700	5,000	2,700	790	**U**
75-34-3	1,1-Dichloroethane	1,300	2,100	1,300	300	**U**
78-93-3	2-Butanone (MEK)	**2,300**	5,200	1,700	580	**J**
141-78-6	Ethyl Acetate	2,800	4,300	2,800	1,200	**U**
110-54-3	n-Hexane	**410,000**	2,300	1,400	480	
67-66-3	Chloroform	540	1,700	540	220	**U**
109-99-9	Tetrahydrofuran (THF)	890	5,200	890	350	**U**
107-06-2	1,2-Dichloroethane	650	2,000	650	220	**U**
71-43-2	Benzene	**180,000**	2,500	820	370	
56-23-5	Carbon Tetrachloride	420	1,300	420	180	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00012 Liter(s)
Test Notes: 0.000060 Liter(s)
Container ID: 1SS01301

Initial Pressure (psig): -3.85 Final Pressure (psig): 5.40

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**490,000**		4,500	1,500	670	
75-27-4	Bromodichloromethane		390	1,200	390	180	**U**
79-01-6	Trichloroethene		490	1,500	490	210	**U**
123-91-1	1,4-Dioxane		730	2,200	730	270	**U**
142-82-5	n-Heptane	**680,000**		3,900	2,400	640	**D**
108-10-1	4-Methyl-2-pentanone		640	3,800	640	270	**U**
108-88-3	Toluene	**330,000**		2,100	700	270	
591-78-6	2-Hexanone		640	3,800	640	250	**U**
124-48-1	Dibromochloromethane		310	940	310	130	**U**
106-93-4	1,2-Dibromoethane	**170**		1,000	340	120	**J**
127-18-4	Tetrachloroethene		390	1,200	390	160	**U**
100-41-4	Ethylbenzene	**21,000**		1,800	600	270	
179601-23-1	m,p-Xylenes	**71,000**		3,600	1,200	500	
75-25-2	Bromoform		480	790	480	160	**U**
100-42-5	Styrene		1,200	1,900	1,200	310	**U**
95-47-6	o-Xylene	**24,000**		1,900	600	270	
108-67-8	1,3,5-Trimethylbenzene	**2,600**		1,700	530	240	
95-63-6	1,2,4-Trimethylbenzene	**3,900**		1,600	530	230	
120-82-1	1,2,4-Trichlorobenzene		660	2,100	660	270	**U**
91-20-3	Naphthalene		910	1,500	910	380	**U**
1330-20-7	Xylenes, Total	**95,000**		3,600	1,200	500	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01230

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.20

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.90**	1.3	0.81	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.1**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.67	1.1	0.67	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.90	0.29	0.097	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.53	0.86	0.53	0.11	**U**
64-17-5	Ethanol	**8.0**	12	1.9	0.85	**J**
67-64-1	Acetone	**3.3**	9.5	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**2.7**	0.39	0.25	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.39	**U**
75-09-2	Methylene Chloride	0.40	0.65	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**9.8**	0.30	0.097	0.043	
75-15-0	Carbon Disulfide	**0.76**	1.4	0.75	0.22	**J**
75-34-3	1,1-Dichloroethane	0.35	0.58	0.35	0.084	**U**
78-93-3	2-Butanone (MEK)	**2.5**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	0.78	1.2	0.78	0.34	**U**
110-54-3	n-Hexane	**20**	0.64	0.40	0.14	
67-66-3	Chloroform	0.15	0.47	0.15	0.063	**U**
109-99-9	Tetrahydrofuran (THF)	**8.1**	1.5	0.25	0.099	
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.063	**U**
71-43-2	Benzene	**4.2**	0.71	0.23	0.10	
56-23-5	Carbon Tetrachloride	**0.17**	0.35	0.12	0.051	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01230

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.20

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**11**	1.3	0.43	0.19	
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	0.14	0.41	0.14	0.058	**U**
123-91-1	1,4-Dioxane	0.21	0.63	0.21	0.076	**U**
142-82-5	n-Heptane	**21**	0.55	0.34	0.090	
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**8.8**	0.60	0.20	0.075	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.070	**U**
124-48-1	Dibromochloromethane	0.087	0.27	0.087	0.036	**U**
106-93-4	1,2-Dibromoethane	0.096	0.29	0.096	0.035	**U**
127-18-4	Tetrachloroethene	**0.32**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**1.9**	0.52	0.17	0.075	
179601-23-1	m,p-Xylenes	**13**	1.0	0.34	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.088	**U**
95-47-6	o-Xylene	**4.6**	0.53	0.17	0.077	
108-67-8	1,3,5-Trimethylbenzene	**3.0**	0.47	0.15	0.068	
95-63-6	1,2,4-Trimethylbenzene	**10**	0.46	0.15	0.066	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.076	**U**
91-20-3	Naphthalene	**2.5**	0.43	0.26	0.11	**B, V**
1330-20-7	Xylenes, Total	**18**	1.0	0.34	0.14	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01305

Initial Pressure (psig): -3.89 Final Pressure (psig): 5.17

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.4**	1.4	0.86	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**7.1**	13	2.0	0.90	**J**
67-64-1	Acetone	**5.7**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**2.6**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**7.8**	1.9	1.2	0.41	
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**9.7**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**0.70**	1.5	0.80	0.24	**J**
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**1.8**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	**4.9**	0.68	0.42	0.14	
67-66-3	Chloroform	0.16	0.50	0.16	0.067	**U**
109-99-9	Tetrahydrofuran (THF)	**4.4**	1.6	0.27	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**1.2**	0.75	0.24	0.11	
56-23-5	Carbon Tetrachloride	**0.17**	0.37	0.12	0.054	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01305

Initial Pressure (psig): -3.89 Final Pressure (psig): 5.17

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5.1**	1.3	0.45	0.20	
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	0.15	0.44	0.15	0.062	**U**
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**7.6**	0.58	0.36	0.095	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**3.3**	0.63	0.21	0.079	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.32**	0.35	0.12	0.047	**J**
100-41-4	Ethylbenzene	**0.95**	0.55	0.18	0.079	
179601-23-1	m,p-Xylenes	**7.2**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**3.1**	0.56	0.18	0.082	
108-67-8	1,3,5-Trimethylbenzene	**2.2**	0.50	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	**6.5**	0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**1.2**	0.46	0.27	0.11	**B, V**
1330-20-7	Xylenes, Total	**10**	1.1	0.36	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS01302

Initial Pressure (psig): -3.91 Final Pressure (psig): 5.12

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.9**	4.6	2.9	1.2	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	1.6	0.99	0.27	**J**
74-87-3	Chloromethane	2.4	3.9	2.4	0.64	**U**
75-01-4	Vinyl Chloride	1.0	3.2	1.0	0.34	**U**
106-99-0	1,3-Butadiene	2.2	3.6	2.2	0.61	**U**
75-00-3	Chloroethane	1.9	3.0	1.9	0.38	**U**
64-17-5	Ethanol	**11**	43	6.8	3.0	**J**
67-64-1	Acetone	17	34	17	7.7	**U**
75-69-4	Trichlorofluoromethane	**1.7**	1.4	0.87	0.22	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.9	6.2	3.9	1.4	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**15**	1.1	0.34	0.15	
75-15-0	Carbon Disulfide	2.7	4.9	2.7	0.79	**U**
75-34-3	1,1-Dichloroethane	1.3	2.0	1.3	0.30	**U**
78-93-3	2-Butanone (MEK)	**1.8**	5.2	1.7	0.57	**J**
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**3.7**	2.3	1.4	0.48	
67-66-3	Chloroform	0.53	1.7	0.53	0.22	**U**
109-99-9	Tetrahydrofuran (THF)	**0.47**	5.2	0.88	0.35	**J**
107-06-2	1,2-Dichloroethane	0.64	2.0	0.64	0.22	**U**
71-43-2	Benzene	**0.86**	2.5	0.82	0.37	**J**
56-23-5	Carbon Tetrachloride	0.41	1.2	0.41	0.18	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS01302

Initial Pressure (psig): -3.91 Final Pressure (psig): 5.12

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**81**	4.5	1.5	0.67	
75-27-4	Bromodichloromethane	0.39	1.2	0.39	0.18	**U**
79-01-6	Trichloroethene	0.49	1.5	0.49	0.21	**U**
123-91-1	1,4-Dioxane	0.72	2.2	0.72	0.27	**U**
142-82-5	n-Heptane	**1.9**	1.9	1.2	0.32	
108-10-1	4-Methyl-2-pentanone	0.64	3.7	0.64	0.27	**U**
108-88-3	Toluene	**0.92**	2.1	0.69	0.26	**J**
591-78-6	2-Hexanone	0.64	3.7	0.64	0.25	**U**
124-48-1	Dibromochloromethane	0.31	0.94	0.31	0.13	**U**
106-93-4	1,2-Dibromoethane	0.34	1.0	0.34	0.12	**U**
127-18-4	Tetrachloroethene	**0.33**	1.2	0.38	0.16	**J**
100-41-4	Ethylbenzene	**0.50**	1.8	0.60	0.26	**J**
179601-23-1	m,p-Xylenes	**2.0**	3.5	1.2	0.49	**J**
75-25-2	Bromoform	0.47	0.79	0.47	0.16	**U**
100-42-5	Styrene	1.2	1.9	1.2	0.31	**U**
95-47-6	o-Xylene	**0.77**	1.9	0.60	0.27	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.2**	1.7	0.53	0.24	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	1.6	0.53	0.23	
120-82-1	1,2,4-Trichlorobenzene	0.66	2.1	0.66	0.27	**U**
91-20-3	Naphthalene	**0.55**	1.5	0.91	0.38	**J, B, V**
1330-20-7	Xylenes, Total	**2.7**	3.5	1.2	0.49	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV05-230-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-012
Test Code:	EPA TO-15	Date Collected:	4/19/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan/Topacio Zavala	Date Analyzed:	5/14 - 5/15/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00015 Liter(s)
Test Notes:			0.000050 Liter(s)
Container ID:	1SS01288		

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7,600**	3,500	2,200	880	
75-71-8	Dichlorodifluoromethane (CFC 12)	750	1,200	750	200	**U**
74-87-3	Chloromethane	1,800	2,900	1,800	480	**U**
75-01-4	Vinyl Chloride	770	2,400	770	260	**U**
106-99-0	1,3-Butadiene	1,700	2,700	1,700	460	**U**
75-00-3	Chloroethane	1,400	2,300	1,400	290	**U**
64-17-5	Ethanol	5,100	33,000	5,100	2,300	**U**
67-64-1	Acetone	13,000	25,000	13,000	5,900	**U**
75-69-4	Trichlorofluoromethane	660	1,100	660	170	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,000	4,700	3,000	1,000	**U**
75-09-2	Methylene Chloride	1,100	1,700	1,100	500	**U**
76-13-1	Trichlorotrifluoroethane	260	800	260	120	**U**
75-15-0	Carbon Disulfide	2,000	3,700	2,000	600	**U**
75-34-3	1,1-Dichloroethane	950	1,500	950	220	**U**
78-93-3	2-Butanone (MEK)	1,300	3,900	1,300	430	**U**
141-78-6	Ethyl Acetate	2,100	3,200	2,100	900	**U**
110-54-3	n-Hexane	**300,000**	5,100	3,200	1,100	**D**
67-66-3	Chloroform	400	1,300	400	170	**U**
109-99-9	Tetrahydrofuran (THF)	670	3,900	670	260	**U**
107-06-2	1,2-Dichloroethane	**1,300**	1,500	490	170	**J**
71-43-2	Benzene	**18,000**	1,900	620	280	
56-23-5	Carbon Tetrachloride	310	940	310	140	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-230-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01288

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**360,000**		3,400	1,100	510	
75-27-4	Bromodichloromethane		290	900	290	130	**U**
79-01-6	Trichloroethene		370	1,100	370	160	**U**
123-91-1	1,4-Dioxane		550	1,700	550	200	**U**
142-82-5	n-Heptane	**240,000**		1,500	910	240	
108-10-1	4-Methyl-2-pentanone		480	2,800	480	210	**U**
108-88-3	Toluene	**18,000**		1,600	520	200	
591-78-6	2-Hexanone		480	2,800	480	190	**U**
124-48-1	Dibromochloromethane		230	710	230	95	**U**
106-93-4	1,2-Dibromoethane		260	790	260	94	**U**
127-18-4	Tetrachloroethene		290	890	290	120	**U**
100-41-4	Ethylbenzene	**600**		1,400	450	200	**J**
179601-23-1	m,p-Xylenes	**2,800**		2,700	910	370	
75-25-2	Bromoform		360	590	360	120	**U**
100-42-5	Styrene		870	1,400	870	230	**U**
95-47-6	o-Xylene	**1,300**		1,400	450	210	**J**
108-67-8	1,3,5-Trimethylbenzene		400	1,300	400	180	**U**
95-63-6	1,2,4-Trimethylbenzene		400	1,200	400	170	**U**
120-82-1	1,2,4-Trichlorobenzene		500	1,600	500	200	**U**
91-20-3	Naphthalene		690	1,200	690	290	**U**
1330-20-7	Xylenes, Total	**4,100**		2,700	910	370	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**18**	17	11	4.3	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.9**	6.0	3.7	1.0	**J**
74-87-3	Chloromethane	8.8	14	8.8	2.4	**U**
75-01-4	Vinyl Chloride	3.8	12	3.8	1.3	**U**
106-99-0	1,3-Butadiene	8.2	13	8.2	2.3	**U**
75-00-3	Chloroethane	6.9	11	6.9	1.4	**U**
64-17-5	Ethanol	25	160	25	11	**U**
67-64-1	Acetone	64	120	64	29	**U**
75-69-4	Trichlorofluoromethane	**0.99**	5.1	3.2	0.82	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	15	23	15	5.1	**U**
75-09-2	Methylene Chloride	5.2	8.5	5.2	2.4	**U**
76-13-1	Trichlorotrifluoroethane	**100**	3.9	1.3	0.56	
75-15-0	Carbon Disulfide	9.8	18	9.8	2.9	**U**
75-34-3	1,1-Dichloroethane	4.6	7.6	4.6	1.1	**U**
78-93-3	2-Butanone (MEK)	6.1	19	6.1	2.1	**U**
141-78-6	Ethyl Acetate	10	16	10	4.4	**U**
110-54-3	n-Hexane	**1,600**	8.3	5.1	1.8	
67-66-3	Chloroform	2.0	6.1	2.0	0.82	**U**
109-99-9	Tetrahydrofuran (THF)	3.3	19	3.3	1.3	**U**
107-06-2	1,2-Dichloroethane	**7.9**	7.3	2.4	0.82	
71-43-2	Benzene	**84**	9.2	3.0	1.4	
56-23-5	Carbon Tetrachloride	**5.9**	4.6	1.5	0.67	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2,500**	16	5.6	2.5	
75-27-4	Bromodichloromethane	1.4	4.4	1.4	0.65	**U**
79-01-6	Trichloroethene	1.8	5.4	1.8	0.76	**U**
123-91-1	1,4-Dioxane	2.7	8.2	2.7	0.99	**U**
142-82-5	n-Heptane	**750**	7.2	4.4	1.2	
108-10-1	4-Methyl-2-pentanone	2.3	14	2.3	1.0	**U**
108-88-3	Toluene	**23**	7.8	2.6	0.98	
591-78-6	2-Hexanone	2.3	14	2.3	0.91	**U**
124-48-1	Dibromochloromethane	1.1	3.5	1.1	0.47	**U**
106-93-4	1,2-Dibromoethane	1.3	3.8	1.3	0.46	**U**
127-18-4	Tetrachloroethene	**1.8**	4.3	1.4	0.58	**J**
100-41-4	Ethylbenzene	**1.3**	6.8	2.2	0.98	**J**
179601-23-1	m,p-Xylenes	**9.1**	13	4.4	1.8	**J**
75-25-2	Bromoform	1.8	2.9	1.8	0.60	**U**
100-42-5	Styrene	4.3	6.9	4.3	1.1	**U**
95-47-6	o-Xylene	**11**	6.9	2.2	1.0	
108-67-8	1,3,5-Trimethylbenzene	**4.2**	6.1	2.0	0.89	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.2**	6.0	2.0	0.85	**J**
120-82-1	1,2,4-Trichlorobenzene	2.4	7.6	2.4	0.99	**U**
91-20-3	Naphthalene	3.3	5.6	3.3	1.4	**U**
1330-20-7	Xylenes, Total	**20**	13	4.4	1.8	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00621

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**30**	1.4	0.86	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.1**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.95	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**6.8**	13	2.0	0.90	**J**
67-64-1	Acetone	**11**	10	5.2	2.3	
75-69-4	Trichlorofluoromethane	**1.0**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**59**	1.9	1.2	0.41	
75-09-2	Methylene Chloride	**0.42**	0.69	0.42	0.20	**J**
76-13-1	Trichlorotrifluoroethane	**13**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	**2.2**	1.5	0.80	0.24	
75-34-3	1,1-Dichloroethane	0.38	0.61	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	**8.6**	1.3	0.83	0.36	**V**
110-54-3	n-Hexane	**2.9**	0.68	0.42	0.14	
67-66-3	Chloroform	0.16	0.50	0.16	0.067	**U**
109-99-9	Tetrahydrofuran (THF)	**0.15**	1.6	0.27	0.10	**J**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**2.6**	0.75	0.24	0.11	
56-23-5	Carbon Tetrachloride	**4.2**	0.37	0.12	0.054	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00621

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2.2**	1.3	0.45	0.20	
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**3.1**	0.44	0.15	0.062	
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**6.7**	0.58	0.36	0.095	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**22**	0.63	0.21	0.079	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	**0.041**	0.31	0.10	0.037	**J**
127-18-4	Tetrachloroethene	**0.27**	0.35	0.12	0.047	**J**
100-41-4	Ethylbenzene	**2.8**	0.55	0.18	0.079	
179601-23-1	m,p-Xylenes	**15**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	0.35	0.56	0.35	0.093	**U**
95-47-6	o-Xylene	**4.9**	0.56	0.18	0.082	
108-67-8	1,3,5-Trimethylbenzene	**2.2**	0.50	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	**6.8**	0.49	0.16	0.069	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**0.29**	0.46	0.27	0.11	**J, B, V**
1330-20-7	Xylenes, Total	**20**	1.1	0.36	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -3.40 Final Pressure (psig): 5.21

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**150**	1.3	0.82	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.1**	0.46	0.28	0.077	
74-87-3	Chloromethane	0.68	1.1	0.68	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.91	0.29	0.098	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.53	0.87	0.53	0.11	**U**
64-17-5	Ethanol	**8.5**	12	1.9	0.86	**J**
67-64-1	Acetone	**12**	9.6	5.0	2.2	
75-69-4	Trichlorofluoromethane	**0.95**	0.40	0.25	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	**350**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	0.41	0.66	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**12**	0.30	0.098	0.044	
75-15-0	Carbon Disulfide	**3.2**	1.4	0.76	0.23	
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.085	**U**
78-93-3	2-Butanone (MEK)	**0.46**	1.5	0.48	0.16	**J**
141-78-6	Ethyl Acetate	**31**	1.2	0.79	0.34	**V**
110-54-3	n-Hexane	**2.2**	0.65	0.40	0.14	
67-66-3	Chloroform	**0.48**	0.48	0.15	0.064	
109-99-9	Tetrahydrofuran (THF)	**0.31**	1.5	0.25	0.10	**J**
107-06-2	1,2-Dichloroethane	0.18	0.57	0.18	0.064	**U**
71-43-2	Benzene	**2.1**	0.72	0.23	0.11	
56-23-5	Carbon Tetrachloride	**3.7**	0.36	0.12	0.052	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -3.40 Final Pressure (psig): 5.21

Container Dilution Factor: 1.76

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.5**	1.3	0.43	0.19	
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.059	**U**
123-91-1	1,4-Dioxane	0.21	0.64	0.21	0.077	**U**
142-82-5	n-Heptane	**5.7**	0.56	0.34	0.091	
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.078	**U**
108-88-3	Toluene	**17**	0.61	0.20	0.076	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.071	**U**
124-48-1	Dibromochloromethane	0.088	0.27	0.088	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.036	**U**
127-18-4	Tetrachloroethene	**0.29**	0.34	0.11	0.045	**J**
100-41-4	Ethylbenzene	**2.0**	0.53	0.17	0.076	
179601-23-1	m,p-Xylenes	**11**	1.0	0.34	0.14	
75-25-2	Bromoform	0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.54	0.33	0.089	**U**
95-47-6	o-Xylene	**3.3**	0.54	0.17	0.078	
108-67-8	1,3,5-Trimethylbenzene	**1.6**	0.47	0.15	0.069	
95-63-6	1,2,4-Trimethylbenzene	**5.4**	0.47	0.15	0.066	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	**1.4**	0.44	0.26	0.11	**B, V**
1330-20-7	Xylenes, Total	**14**	1.0	0.34	0.14	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01138

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.39

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.5	0.89	0.36	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.4**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	1.0	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.95	0.58	0.12	**U**
64-17-5	Ethanol	**4.2**	14	2.1	0.94	**J**
67-64-1	Acetone	**5.9**	11	5.5	2.4	**J**
75-69-4	Trichlorofluoromethane	**1.0**	0.44	0.27	0.069	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	2.0	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**13**	0.33	0.11	0.048	
75-15-0	Carbon Disulfide	**0.65**	1.5	0.83	0.25	**J**
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.093	**U**
78-93-3	2-Butanone (MEK)	**1.3**	1.6	0.52	0.18	**J**
141-78-6	Ethyl Acetate	**0.87**	1.3	0.87	0.37	**J, V**
110-54-3	n-Hexane	**2.2**	0.71	0.44	0.15	
67-66-3	Chloroform	**0.50**	0.52	0.17	0.070	**J**
109-99-9	Tetrahydrofuran (THF)	**0.20**	1.6	0.28	0.11	**J**
107-06-2	1,2-Dichloroethane	0.20	0.62	0.20	0.070	**U**
71-43-2	Benzene	**2.0**	0.78	0.26	0.12	
56-23-5	Carbon Tetrachloride	**4.0**	0.39	0.13	0.056	

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V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01138

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.39

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.3**	1.4	0.47	0.21	**J**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.46	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**5.1**	0.61	0.37	0.10	
108-10-1	4-Methyl-2-pentanone	0.20	1.2	0.20	0.086	**U**
108-88-3	Toluene	**16**	0.66	0.22	0.083	
591-78-6	2-Hexanone	0.20	1.2	0.20	0.077	**U**
124-48-1	Dibromochloromethane	0.096	0.29	0.096	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.29**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**2.0**	0.57	0.19	0.083	
179601-23-1	m,p-Xylenes	**11**	1.1	0.38	0.15	
75-25-2	Bromoform	0.15	0.25	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.59	0.36	0.097	**U**
95-47-6	o-Xylene	**3.4**	0.59	0.19	0.085	
108-67-8	1,3,5-Trimethylbenzene	**1.6**	0.52	0.17	0.075	
95-63-6	1,2,4-Trimethylbenzene	**5.4**	0.51	0.17	0.072	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.65	0.21	0.084	**U**
91-20-3	Naphthalene	**1.2**	0.48	0.28	0.12	**B, V**
1330-20-7	Xylenes, Total	**15**	1.1	0.38	0.15	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-252-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00789

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.39

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**410**	1,100	650	260	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	230	370	230	61	**U**
74-87-3	Chloromethane	540	880	540	140	**U**
75-01-4	Vinyl Chloride	230	720	230	78	**U**
106-99-0	1,3-Butadiene	500	820	500	140	**U**
75-00-3	Chloroethane	420	690	420	87	**U**
64-17-5	Ethanol	**1,800**	9,800	1,500	680	**J**
67-64-1	Acetone	4,000	7,600	4,000	1,800	**U**
75-69-4	Trichlorofluoromethane	200	320	200	50	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	890	1,400	890	310	**U**
75-09-2	Methylene Chloride	320	520	320	150	**U**
76-13-1	Trichlorotrifluoroethane	**65**	240	77	35	**J**
75-15-0	Carbon Disulfide	600	1,100	600	180	**U**
75-34-3	1,1-Dichloroethane	280	460	280	67	**U**
78-93-3	2-Butanone (MEK)	380	1,200	380	130	**U**
141-78-6	Ethyl Acetate	630	970	630	270	**U**
110-54-3	n-Hexane	**5,100**	510	320	110	
67-66-3	Chloroform	120	380	120	51	**U**
109-99-9	Tetrahydrofuran (THF)	200	1,200	200	79	**U**
107-06-2	1,2-Dichloroethane	**260**	450	150	51	**J**
71-43-2	Benzene	**100,000**	570	190	84	
56-23-5	Carbon Tetrachloride	94	280	94	41	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-252-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00789

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.39

Container Dilution Factor: 1.74

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**38,000**		1,000	340	150	
75-27-4	Bromodichloromethane		88	270	88	40	**U**
79-01-6	Trichloroethene		110	330	110	47	**U**
123-91-1	1,4-Dioxane		160	500	160	61	**U**
142-82-5	n-Heptane	**110**		440	270	72	**J**
108-10-1	4-Methyl-2-pentanone		140	850	140	62	**U**
108-88-3	Toluene	**2,100**		480	160	60	
591-78-6	2-Hexanone		140	850	140	56	**U**
124-48-1	Dibromochloromethane		69	210	69	29	**U**
106-93-4	1,2-Dibromoethane		77	240	77	28	**U**
127-18-4	Tetrachloroethene		87	270	87	35	**U**
100-41-4	Ethylbenzene		140	420	140	60	**U**
179601-23-1	m,p-Xylenes	**280**		800	270	110	**J**
75-25-2	Bromoform		110	180	110	37	**U**
100-42-5	Styrene		260	430	260	70	**U**
95-47-6	o-Xylene	**740**		420	140	62	
108-67-8	1,3,5-Trimethylbenzene		120	380	120	55	**U**
95-63-6	1,2,4-Trimethylbenzene		120	370	120	52	**U**
120-82-1	1,2,4-Trichlorobenzene		150	470	150	61	**U**
91-20-3	Naphthalene		210	350	210	86	**U**
1330-20-7	Xylenes, Total	**1,000**		800	270	110	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-302-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.54 Final Pressure (psig): 8.52

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5.6**	2.9	1.8	0.72	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.8**	1.0	0.62	0.17	
74-87-3	Chloromethane	**0.52**	2.4	1.5	0.40	**J**
75-01-4	Vinyl Chloride	0.64	2.0	0.64	0.21	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.2	1.9	1.2	0.24	**U**
64-17-5	Ethanol	**3.5**	27	4.2	1.9	**J, B**
67-64-1	Acetone	**8.4**	21	11	4.8	**J**
75-69-4	Trichlorofluoromethane	**2.3**	0.87	0.54	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.0**	3.9	2.4	0.86	**J**
75-09-2	Methylene Chloride	0.88	1.4	0.88	0.41	**U**
76-13-1	Trichlorotrifluoroethane	**17**	0.66	0.21	0.095	
75-15-0	Carbon Disulfide	**3.8**	3.1	1.7	0.49	
75-34-3	1,1-Dichloroethane	0.78	1.3	0.78	0.18	**U**
78-93-3	2-Butanone (MEK)	**2.1**	3.2	1.0	0.36	**J**
141-78-6	Ethyl Acetate	1.7	2.7	1.7	0.74	**U**
110-54-3	n-Hexane	**10**	1.4	0.87	0.30	
67-66-3	Chloroform	**1.7**	1.0	0.33	0.14	
109-99-9	Tetrahydrofuran (THF)	**0.52**	3.2	0.55	0.22	**J**
107-06-2	1,2-Dichloroethane	0.40	1.2	0.40	0.14	**U**
71-43-2	Benzene	**29**	1.6	0.51	0.23	
56-23-5	Carbon Tetrachloride	**9.7**	0.77	0.26	0.11	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-302-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.54 Final Pressure (psig): 8.52

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**70**	2.8	0.94	0.42	
75-27-4	Bromodichloromethane	0.24	0.74	0.24	0.11	**U**
79-01-6	Trichloroethene	**0.14**	0.91	0.30	0.13	**J**
123-91-1	1,4-Dioxane	0.45	1.4	0.45	0.17	**U**
142-82-5	n-Heptane	**4.8**	1.2	0.75	0.20	
108-10-1	4-Methyl-2-pentanone	0.40	2.3	0.40	0.17	**U**
108-88-3	Toluene	**4.8**	1.3	0.43	0.16	
591-78-6	2-Hexanone	0.40	2.3	0.40	0.15	**U**
124-48-1	Dibromochloromethane	0.19	0.58	0.19	0.078	**U**
106-93-4	1,2-Dibromoethane	**0.17**	0.65	0.21	0.077	**J**
127-18-4	Tetrachloroethene	**0.26**	0.73	0.24	0.097	**J**
100-41-4	Ethylbenzene	**0.55**	1.1	0.37	0.16	**J**
179601-23-1	m,p-Xylenes	**2.4**	2.2	0.75	0.31	
75-25-2	Bromoform	0.30	0.49	0.30	0.10	**U**
100-42-5	Styrene	0.72	1.2	0.72	0.19	**U**
95-47-6	o-Xylene	**1.6**	1.2	0.37	0.17	
108-67-8	1,3,5-Trimethylbenzene	**0.46**	1.0	0.33	0.15	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.0**	1.0	0.33	0.14	
120-82-1	1,2,4-Trichlorobenzene	0.41	1.3	0.41	0.17	**U**
91-20-3	Naphthalene	0.56	0.95	0.56	0.24	**U**
1330-20-7	Xylenes, Total	**4.1**	2.2	0.75	0.31	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV07-050-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-019
Test Code:	EPA TO-15	Date Collected:	4/21/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan/Topacio Zavala	Date Analyzed:	5/14 - 5/15/21
Sampling Media:	1.0 L Summa Canister	Volume(s) Analyzed:	0.00040 Liter(s)
Test Notes:			0.00013 Liter(s)
Container ID:	1SC00970		

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.75

Container Dilution Factor: 1.67

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**890**	1,300	780	320	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	270	440	270	73	**U**
74-87-3	Chloromethane	650	1,100	650	170	**U**
75-01-4	Vinyl Chloride	280	870	280	93	**U**
106-99-0	1,3-Butadiene	600	980	600	170	**U**
75-00-3	Chloroethane	510	820	510	100	**U**
64-17-5	Ethanol	1,800	12,000	1,800	820	**U**
67-64-1	Acetone	4,700	9,100	4,700	2,100	**U**
75-69-4	Trichlorofluoromethane	240	380	240	60	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,100	1,700	1,100	370	**U**
75-09-2	Methylene Chloride	380	630	380	180	**U**
76-13-1	Trichlorotrifluoroethane	93	290	93	41	**U**
75-15-0	Carbon Disulfide	720	1,300	720	210	**U**
75-34-3	1,1-Dichloroethane	340	560	340	80	**U**
78-93-3	2-Butanone (MEK)	450	1,400	450	160	**U**
141-78-6	Ethyl Acetate	750	1,200	750	320	**U**
110-54-3	n-Hexane	**160,000**	1,900	1,200	400	**D**
67-66-3	Chloroform	150	450	150	61	**U**
109-99-9	Tetrahydrofuran (THF)	240	1,400	240	95	**U**
107-06-2	1,2-Dichloroethane	180	540	180	61	**U**
71-43-2	Benzene	**9,800**	680	220	100	
56-23-5	Carbon Tetrachloride	110	340	110	49	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-019

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00040 Liter(s)
Test Notes: 0.00013 Liter(s)
Container ID: 1SC00970

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.75

Container Dilution Factor: 1.67

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**150,000**		1,200	410	180	
75-27-4	Bromodichloromethane		110	320	110	48	**U**
79-01-6	Trichloroethene		130	400	130	56	**U**
123-91-1	1,4-Dioxane		200	600	200	73	**U**
142-82-5	n-Heptane	**110,000**		1,600	1,000	270	**D**
108-10-1	4-Methyl-2-pentanone		170	1,000	170	74	**U**
108-88-3	Toluene	**10,000**		580	190	72	
591-78-6	2-Hexanone		170	1,000	170	67	**U**
124-48-1	Dibromochloromethane		83	250	83	34	**U**
106-93-4	1,2-Dibromoethane		92	280	92	34	**U**
127-18-4	Tetrachloroethene		100	320	100	42	**U**
100-41-4	Ethylbenzene	**550**		500	160	72	
179601-23-1	m,p-Xylenes	**950**		960	330	130	**J**
75-25-2	Bromoform		130	210	130	44	**U**
100-42-5	Styrene		310	510	310	84	**U**
95-47-6	o-Xylene	**230**		510	160	74	**J**
108-67-8	1,3,5-Trimethylbenzene		140	450	140	65	**U**
95-63-6	1,2,4-Trimethylbenzene		140	440	140	63	**U**
120-82-1	1,2,4-Trichlorobenzene		180	560	180	73	**U**
91-20-3	Naphthalene		250	410	250	100	**U**
1330-20-7	Xylenes, Total	**1,200**		960	330	130	

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-020

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00768

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.22

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	580	940	580	230	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	200	330	200	55	**U**
74-87-3	Chloromethane	480	780	480	130	**U**
75-01-4	Vinyl Chloride	210	640	210	69	**U**
106-99-0	1,3-Butadiene	450	730	450	120	**U**
75-00-3	Chloroethane	380	610	380	78	**U**
64-17-5	Ethanol	1,400	8,700	1,400	610	**U**
67-64-1	Acetone	3,500	6,800	3,500	1,600	**U**
75-69-4	Trichlorofluoromethane	180	280	180	45	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	790	1,300	790	280	**U**
75-09-2	Methylene Chloride	290	460	290	130	**U**
76-13-1	Trichlorotrifluoroethane	69	210	69	31	**U**
75-15-0	Carbon Disulfide	540	1,000	540	160	**U**
75-34-3	1,1-Dichloroethane	250	410	250	60	**U**
78-93-3	2-Butanone (MEK)	340	1,100	340	120	**U**
141-78-6	Ethyl Acetate	560	860	560	240	**U**
110-54-3	n-Hexane	**120,000**	1,400	840	290	**D**
67-66-3	Chloroform	110	340	110	45	**U**
109-99-9	Tetrahydrofuran (THF)	180	1,100	180	70	**U**
107-06-2	1,2-Dichloroethane	130	400	130	45	**U**
71-43-2	Benzene	**12,000**	500	170	75	
56-23-5	Carbon Tetrachloride	84	250	84	36	**U**

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-020

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00768

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.22

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**140,000**	900	310	140	
75-27-4	Bromodichloromethane	79	240	79	36	**U**
79-01-6	Trichloroethene	98	290	98	42	**U**
123-91-1	1,4-Dioxane	150	450	150	54	**U**
142-82-5	n-Heptane	**75,000**	390	240	64	
108-10-1	4-Methyl-2-pentanone	130	760	130	55	**U**
108-88-3	Toluene	**10,000**	430	140	53	
591-78-6	2-Hexanone	130	760	130	50	**U**
124-48-1	Dibromochloromethane	62	190	62	25	**U**
106-93-4	1,2-Dibromoethane	69	210	69	25	**U**
127-18-4	Tetrachloroethene	78	240	78	32	**U**
100-41-4	Ethylbenzene	**160**	370	120	54	**J**
179601-23-1	m,p-Xylenes	**970**	710	240	100	
75-25-2	Bromoform	96	160	96	33	**U**
100-42-5	Styrene	230	380	230	63	**U**
95-47-6	o-Xylene	**280**	380	120	55	**J**
108-67-8	1,3,5-Trimethylbenzene	110	330	110	49	**U**
95-63-6	1,2,4-Trimethylbenzene	110	330	110	47	**U**
120-82-1	1,2,4-Trichlorobenzene	130	420	130	54	**U**
91-20-3	Naphthalene	180	310	180	77	**U**
1330-20-7	Xylenes, Total	**1,300**	710	240	100	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-021

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01216

Initial Pressure (psig): -3.00 Final Pressure (psig): 5.58

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.80**	1.3	0.80	0.33	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.96**	0.46	0.28	0.076	
74-87-3	Chloromethane	0.67	1.1	0.67	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.90	0.29	0.096	**U**
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.52	0.85	0.52	0.11	**U**
64-17-5	Ethanol	**3.2**	12	1.9	0.85	**J, B**
67-64-1	Acetone	**4.1**	9.5	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.90**	0.39	0.25	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	1.1	1.8	1.1	0.39	**U**
75-09-2	Methylene Chloride	0.40	0.65	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**4.8**	0.30	0.096	0.043	
75-15-0	Carbon Disulfide	0.75	1.4	0.75	0.22	**U**
75-34-3	1,1-Dichloroethane	0.35	0.58	0.35	0.083	**U**
78-93-3	2-Butanone (MEK)	**0.75**	1.5	0.47	0.16	**J**
141-78-6	Ethyl Acetate	0.78	1.2	0.78	0.34	**U**
110-54-3	n-Hexane	**17**	0.64	0.39	0.14	
67-66-3	Chloroform	0.15	0.47	0.15	0.063	**U**
109-99-9	Tetrahydrofuran (THF)	**0.17**	1.5	0.25	0.098	**J**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.063	**U**
71-43-2	Benzene	**3.2**	0.70	0.23	0.10	
56-23-5	Carbon Tetrachloride	**1.3**	0.35	0.12	0.051	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-021

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01216

Initial Pressure (psig): -3.00 Final Pressure (psig): 5.58

Container Dilution Factor: 1.73

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**14**	1.3	0.43	0.19	
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	**0.33**	0.41	0.14	0.058	**J**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.076	**U**
142-82-5	n-Heptane	**31**	0.55	0.34	0.090	
108-10-1	4-Methyl-2-pentanone	0.18	1.1	0.18	0.077	**U**
108-88-3	Toluene	**9.2**	0.60	0.20	0.075	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.070	**U**
124-48-1	Dibromochloromethane	0.086	0.26	0.086	0.036	**U**
106-93-4	1,2-Dibromoethane	0.096	0.29	0.096	0.035	**U**
127-18-4	Tetrachloroethene	**0.15**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**0.60**	0.52	0.17	0.075	
179601-23-1	m,p-Xylenes	**3.0**	1.0	0.34	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.087	**U**
95-47-6	o-Xylene	**0.90**	0.53	0.17	0.077	
108-67-8	1,3,5-Trimethylbenzene	**0.26**	0.47	0.15	0.068	**J**
95-63-6	1,2,4-Trimethylbenzene	**0.76**	0.46	0.15	0.065	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.58	0.19	0.076	**U**
91-20-3	Naphthalene	**0.38**	0.43	0.26	0.11	**J**
1330-20-7	Xylenes, Total	**3.9**	1.0	0.34	0.14	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes: 0.000030 Liter(s)
Container ID: 1SS01279

Initial Pressure (psig): -4.26 Final Pressure (psig): 5.30

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6,100**		9,700	6,000	2,400	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)		2,100	3,400	2,100	560	**U**
74-87-3	Chloromethane		5,000	8,100	5,000	1,300	**U**
75-01-4	Vinyl Chloride		2,100	6,600	2,100	710	**U**
106-99-0	1,3-Butadiene		4,600	7,500	4,600	1,300	**U**
75-00-3	Chloroethane		3,900	6,300	3,900	800	**U**
64-17-5	Ethanol	**20,000**		90,000	14,000	6,300	**J**
67-64-1	Acetone	**740,000**		70,000	36,000	16,000	
75-69-4	Trichlorofluoromethane		1,800	2,900	1,800	460	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**63,000**		13,000	8,200	2,900	
75-09-2	Methylene Chloride		2,900	4,800	2,900	1,400	**U**
76-13-1	Trichlorotrifluoroethane		710	2,200	710	320	**U**
75-15-0	Carbon Disulfide		5,600	10,000	5,600	1,600	**U**
75-34-3	1,1-Dichloroethane		2,600	4,300	2,600	620	**U**
78-93-3	2-Butanone (MEK)	**110,000**		11,000	3,500	1,200	
141-78-6	Ethyl Acetate		5,800	8,900	5,800	2,500	**U**
110-54-3	n-Hexane	**920,000**		4,700	2,900	1,000	
67-66-3	Chloroform		1,100	3,500	1,100	470	**U**
109-99-9	Tetrahydrofuran (THF)		1,800	11,000	1,800	730	**U**
107-06-2	1,2-Dichloroethane		1,300	4,100	1,300	470	**U**
71-43-2	Benzene	**370,000**		5,200	1,700	770	
56-23-5	Carbon Tetrachloride		870	2,600	870	380	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes: 0.000030 Liter(s)
Container ID: 1SS01279

Initial Pressure (psig): -4.26 Final Pressure (psig): 5.30

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,300,000**		9,300	3,200	1,400	
75-27-4	Bromodichloromethane		810	2,500	810	370	**U**
79-01-6	Trichloroethene		1,000	3,000	1,000	430	**U**
123-91-1	1,4-Dioxane		1,500	4,600	1,500	560	**U**
142-82-5	n-Heptane	**1,400,000**		8,100	5,000	1,300	**D**
108-10-1	4-Methyl-2-pentanone	**6,800**		7,800	1,300	570	**J**
108-88-3	Toluene	**1,100,000**		8,800	2,900	1,100	**D**
591-78-6	2-Hexanone		1,300	7,800	1,300	520	**U**
124-48-1	Dibromochloromethane		640	2,000	640	260	**U**
106-93-4	1,2-Dibromoethane	**5,200**		2,200	710	260	
127-18-4	Tetrachloroethene		800	2,500	800	330	**U**
100-41-4	Ethylbenzene	**65,000**		3,800	1,300	550	
179601-23-1	m,p-Xylenes	**150,000**		7,400	2,500	1,000	
75-25-2	Bromoform		990	1,600	990	340	**U**
100-42-5	Styrene		2,400	3,900	2,400	650	**U**
95-47-6	o-Xylene	**39,000**		3,900	1,300	570	
108-67-8	1,3,5-Trimethylbenzene	**2,300**		3,500	1,100	500	**J**
95-63-6	1,2,4-Trimethylbenzene	**4,200**		3,400	1,100	480	
120-82-1	1,2,4-Trichlorobenzene		1,400	4,300	1,400	560	**U**
91-20-3	Naphthalene		1,900	3,200	1,900	790	**U**
1330-20-7	Xylenes, Total	**190,000**		7,400	2,500	1,000	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.46 Final Pressure (psig): 6.72

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5,200**	880	540	220	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	190	310	190	51	**U**
74-87-3	Chloromethane	450	730	450	120	**U**
75-01-4	Vinyl Chloride	190	600	190	65	**U**
106-99-0	1,3-Butadiene	420	690	420	120	**U**
75-00-3	Chloroethane	350	570	350	73	**U**
64-17-5	Ethanol	1,300	8,200	1,300	570	**U**
67-64-1	Acetone	**18,000**	6,400	3,300	1,500	
75-69-4	Trichlorofluoromethane	170	260	170	42	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**340**	1,200	750	260	**J**
75-09-2	Methylene Chloride	270	440	270	130	**U**
76-13-1	Trichlorotrifluoroethane	65	200	65	29	**U**
75-15-0	Carbon Disulfide	510	940	510	150	**U**
75-34-3	1,1-Dichloroethane	240	390	240	56	**U**
78-93-3	2-Butanone (MEK)	**1,400**	990	320	110	
141-78-6	Ethyl Acetate	530	810	530	230	**U**
110-54-3	n-Hexane	**97,000**	1,300	790	270	**D**
67-66-3	Chloroform	100	320	100	42	**U**
109-99-9	Tetrahydrofuran (THF)	170	990	170	66	**U**
107-06-2	1,2-Dichloroethane	120	370	120	43	**U**
71-43-2	Benzene	**45,000**	470	160	70	
56-23-5	Carbon Tetrachloride	79	240	79	34	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.46 Final Pressure (psig): 6.72

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**130,000**		850	290	130	
75-27-4	Bromodichloromethane		74	230	74	34	**U**
79-01-6	Trichloroethene		92	280	92	39	**U**
123-91-1	1,4-Dioxane		140	420	140	51	**U**
142-82-5	n-Heptane	**93,000**		1,100	680	180	**D**
108-10-1	4-Methyl-2-pentanone		120	710	120	52	**U**
108-88-3	Toluene	**75,000**		400	130	50	
591-78-6	2-Hexanone		120	710	120	47	**U**
124-48-1	Dibromochloromethane		58	180	58	24	**U**
106-93-4	1,2-Dibromoethane	**280**		200	65	24	
127-18-4	Tetrachloroethene		73	220	73	30	**U**
100-41-4	Ethylbenzene	**2,700**		350	110	50	
179601-23-1	m,p-Xylenes	**7,900**		670	230	94	
75-25-2	Bromoform		90	150	90	31	**U**
100-42-5	Styrene		220	360	220	59	**U**
95-47-6	o-Xylene	**1,900**		360	110	52	
108-67-8	1,3,5-Trimethylbenzene	**92**		310	100	46	**J**
95-63-6	1,2,4-Trimethylbenzene	**150**		310	100	44	**J**
120-82-1	1,2,4-Trichlorobenzene		130	390	130	51	**U**
91-20-3	Naphthalene		170	290	170	72	**U**
1330-20-7	Xylenes, Total	**9,800**		670	230	94	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV10-150-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-024
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan	Date Analyzed:	5/14/21 & 5/19/21
Sampling Media:	1.0 L Summa Canister	Volume(s) Analyzed:	0.0020 Liter(s)
Test Notes:			0.00050 Liter(s)
Container ID:	1SC01068		

Initial Pressure (psig): -3.93 Final Pressure (psig): 5.97

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,900**	290	180	73	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	62	100	62	17	**U**
74-87-3	Chloromethane	150	240	150	40	**U**
75-01-4	Vinyl Chloride	64	200	64	21	**U**
106-99-0	1,3-Butadiene	140	230	140	38	**U**
75-00-3	Chloroethane	120	190	120	24	**U**
64-17-5	Ethanol	**2,500**	2,700	420	190	**J**
67-64-1	Acetone	**41,000**	2,100	1,100	490	
75-69-4	Trichlorofluoromethane	55	87	55	14	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,200**	390	250	86	
75-09-2	Methylene Chloride	**80**	140	88	41	**J**
76-13-1	Trichlorotrifluoroethane	**17**	66	21	9.5	**J**
75-15-0	Carbon Disulfide	170	310	170	49	**U**
75-34-3	1,1-Dichloroethane	78	130	78	19	**U**
78-93-3	2-Butanone (MEK)	**3,400**	330	100	36	
141-78-6	Ethyl Acetate	170	270	170	75	**U**
110-54-3	n-Hexane	**37,000**	570	350	120	**D**
67-66-3	Chloroform	33	100	33	14	**U**
109-99-9	Tetrahydrofuran (THF)	55	330	55	22	**U**
107-06-2	1,2-Dichloroethane	40	120	40	14	**U**
71-43-2	Benzene	**13,000**	160	51	23	
56-23-5	Carbon Tetrachloride	26	78	26	11	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21 & 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC01068

Initial Pressure (psig): -3.93 Final Pressure (psig): 5.97

Container Dilution Factor: 1.92

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**35,000**	280	95	42	
75-27-4	Bromodichloromethane	24	75	24	11	**U**
79-01-6	Trichloroethene	30	91	30	13	**U**
123-91-1	1,4-Dioxane	45	140	45	17	**U**
142-82-5	n-Heptane	**32,000**	490	300	80	**D**
108-10-1	4-Methyl-2-pentanone	**130**	230	40	17	**J**
108-88-3	Toluene	**23,000**	130	43	17	
591-78-6	2-Hexanone	40	230	40	15	**U**
124-48-1	Dibromochloromethane	19	59	19	7.9	**U**
106-93-4	1,2-Dibromoethane	**80**	65	21	7.7	
127-18-4	Tetrachloroethene	**13**	74	24	9.8	**J**
100-41-4	Ethylbenzene	**1,700**	110	38	17	
179601-23-1	m,p-Xylenes	**4,700**	220	75	31	
75-25-2	Bromoform	30	49	30	10	**U**
100-42-5	Styrene	72	120	72	19	**U**
95-47-6	o-Xylene	**1,300**	120	38	17	
108-67-8	1,3,5-Trimethylbenzene	**190**	100	33	15	
95-63-6	1,2,4-Trimethylbenzene	**420**	100	33	14	
120-82-1	1,2,4-Trichlorobenzene	41	130	41	17	**U**
91-20-3	Naphthalene	57	95	57	24	**U**
1330-20-7	Xylenes, Total	**6,000**	220	75	31	

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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	**0.023**	0.13	0.043	0.018	**J**
91-20-3	Naphthalene	**0.027**	0.099	0.059	0.025	**J, V**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

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V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	**0.30**	2.8	0.44	0.20	**J**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	**0.20**	2.8	0.44	0.20	**J**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102357

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/19 - 4/21/21
Analyst: Lusine Hakobyan/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/13 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210513-MB	**92**	**104**	**119**	70-130	
Method Blank	P210514-MB	**117**	**87**	**84**	70-130	
Method Blank	P210515-MB	**123**	**85**	**77**	70-130	
Method Blank	P210519-MB	**93**	**109**	**105**	70-130	
Lab Control Sample	P210513-LCS	**92**	**102**	**120**	70-130	
Lab Control Sample	P210514-LCS	**117**	**84**	**83**	70-130	
Lab Control Sample	P210515-LCS	**121**	**82**	**81**	70-130	
Lab Control Sample	P210519-LCS	**92**	**108**	**106**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**92**	**102**	**120**	70-130	
Duplicate Lab Control Sample	P210514-DLCS	**113**	**84**	**85**	70-130	
Duplicate Lab Control Sample	P210515-DLCS	**118**	**83**	**81**	70-130	
Duplicate Lab Control Sample	P210519-DLCS	**92**	**109**	**107**	70-130	
SV01-050-212	P2102357-001	**92**	**104**	**124**	70-130	
SV01-100-212	P2102357-002	**92**	**102**	**119**	70-130	
SV01-250-212	P2102357-003	**91**	**100**	**119**	70-130	
SV01-300-212	P2102357-004	**92**	**89**	**116**	70-130	
SV02-050-212	P2102357-005	**93**	**101**	**123**	70-130	
SV02-100-212	P2102357-006	**91**	**83**	**120**	70-130	
SV02-150-612	P2102357-007	**91**	**93**	**122**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102357

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/19 - 4/21/21
Analyst: Lusine Hakobyan/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/13 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV02-150-212	P2102357-008	**91**	**94**	**121**	70-130	
SV05-050-612	P2102357-009	**90**	**103**	**124**	70-130	
SV05-050-212	P2102357-010	**90**	**103**	**123**	70-130	
SV05-100-212	P2102357-011	**95**	**81**	**101**	70-130	
SV05-230-212	P2102357-012	**117**	**85**	**85**	70-130	
SV05-230-212	P2102357-012DUP	**117**	**85**	**85**	70-130	
SV05-290-212	P2102357-013	**91**	**93**	**115**	70-130	
SV05-290-212	P2102357-013DUP	**91**	**97**	**119**	70-130	
SV06-050-212	P2102357-014	**90**	**106**	**123**	70-130	
SV06-100-612	P2102357-015	**90**	**106**	**124**	70-130	
SV06-100-212	P2102357-016	**90**	**106**	**124**	70-130	
SV06-252-212	P2102357-017	**119**	**86**	**82**	70-130	
SV06-302-212	P2102357-018	**126**	**76**	**72**	70-130	
SV07-050-212	P2102357-019	**118**	**86**	**82**	70-130	
SV07-100-212	P2102357-020	**119**	**84**	**84**	70-130	
SV07-150-212	P2102357-021	**126**	**83**	**80**	70-130	
SV10-050-212	P2102357-022	**122**	**85**	**82**	70-130	
SV10-100-212	P2102357-023	**118**	**86**	**82**	70-130	
SV10-150-212	P2102357-024	**121**	**84**	**82**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	96.9	99.3	**79**	**81**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	36.0	36.0	**85**	**85**	59-128	0	25	
74-87-3	Chloromethane	99.8	71.6	72.2	**72**	**72**	59-132	0	25	
75-01-4	Vinyl Chloride	81.4	62.3	64.2	**77**	**79**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	79.9	82.1	**84**	**86**	66-134	2	25	
75-00-3	Chloroethane	77.3	63.8	63.9	**83**	**83**	63-127	0	25	
64-17-5	Ethanol	530	366	372	**69**	**70**	59-125	1	25	
67-64-1	Acetone	435	343	346	**79**	**80**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	32.3	32.3	**89**	**89**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	129	128	**78**	**77**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	52.4	52.6	**87**	**88**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.4	26.3	**95**	**94**	66-126	1	25	
75-15-0	Carbon Disulfide	137	121	121	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	43.2	43.1	**82**	**82**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	131	131	**94**	**94**	67-130	0	25	
141-78-6	Ethyl Acetate	117	132	133	**113**	**114**	65-128	0.9	25	
110-54-3	n-Hexane	60.2	44.3	44.2	**74**	**73**	63-120	1	25	
67-66-3	Chloroform	43.8	37.5	37.4	**86**	**85**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	114	114	**84**	**84**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	45.3	45.3	**88**	**88**	65-128	0	25	
71-43-2	Benzene	63.9	56.6	56.3	**89**	**88**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	32.5	32.2	**97**	**96**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	108	108	**89**	**89**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	30.0	29.8	**96**	**95**	72-128	1	25	
79-01-6	Trichloroethene	38.3	37.1	37.0	**97**	**97**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	56.0	55.7	**97**	**97**	71-122	0	25	
142-82-5	n-Heptane	51.3	44.9	44.9	**88**	**88**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	92.2	91.9	**90**	**90**	67-130	0	25	
108-88-3	Toluene	54.7	52.7	53.0	**96**	**97**	66-119	1	25	
591-78-6	2-Hexanone	98.7	92.5	93.3	**94**	**95**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	27.9	27.8	**113**	**113**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	28.8	29.0	**106**	**107**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	33.0	33.1	**109**	**109**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	46.8	46.8	**99**	**99**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	93.6	94.0	**99**	**99**	61-134	0	25	
75-25-2	Bromoform	20.1	24.9	24.9	**124**	**124**	66-139	0	25	
100-42-5	Styrene	48.4	52.5	52.7	**108**	**109**	73-127	0.9	25	
95-47-6	o-Xylene	47.4	46.6	46.6	**98**	**98**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.1	43.1	**103**	**103**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	42.8	42.8	**103**	**103**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	64.7	65.3	**124**	**125**	55-142	0.8	25	
91-20-3	Naphthalene	37.8	49.2	50.0	**130**	**132**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	158	152	**130**	**125**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	44.1	43.0	**104**	**101**	59-128	3	25	
74-87-3	Chloromethane	99.8	110	108	**110**	**108**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	96.1	94.5	**118**	**116**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	128	125	**135**	**132**	66-134	2	25	**L**
75-00-3	Chloroethane	77.3	78.1	78.9	**101**	**102**	63-127	1	25	
64-17-5	Ethanol	530	562	547	**106**	**103**	59-125	3	25	
67-64-1	Acetone	435	498	481	**114**	**111**	58-128	3	25	
75-69-4	Trichlorofluoromethane	36.3	37.9	37.1	**104**	**102**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	180	175	**108**	**105**	52-125	3	25	
75-09-2	Methylene Chloride	59.9	61.5	60.1	**103**	**100**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.8	25.4	**92**	**91**	66-126	1	25	
75-15-0	Carbon Disulfide	137	149	146	**109**	**107**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	55.6	54.5	**106**	**104**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	168	164	**120**	**117**	67-130	3	25	
141-78-6	Ethyl Acetate	117	217	210	**185**	**179**	65-128	3	25	**L**
110-54-3	n-Hexane	60.2	70.5	68.2	**117**	**113**	63-120	3	25	
67-66-3	Chloroform	43.8	46.2	45.0	**105**	**103**	68-123	2	25	
109-99-9	Tetrahydrofuran (THF)	136	145	141	**107**	**104**	64-123	3	25	
107-06-2	1,2-Dichloroethane	51.4	59.1	57.2	**115**	**111**	65-128	4	25	
71-43-2	Benzene	63.9	64.9	64.3	**102**	**101**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	34.8	34.3	**104**	**103**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	130	128	**107**	**106**	70-117	0.9	25	
75-27-4	Bromodichloromethane	31.4	35.1	34.8	**112**	**111**	72-128	0.9	25	
79-01-6	Trichloroethene	38.3	37.4	36.8	**98**	**96**	71-123	2	25	
123-91-1	1,4-Dioxane	57.7	64.3	63.2	**111**	**110**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	55.1	53.9	**107**	**105**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	128	124	**125**	**122**	67-130	2	25	
108-88-3	Toluene	54.7	46.4	45.5	**85**	**83**	66-119	2	25	
591-78-6	2-Hexanone	98.7	109	106	**110**	**107**	62-128	3	25	
124-48-1	Dibromochloromethane	24.7	22.3	21.9	**90**	**89**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	24.2	23.8	**89**	**88**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	24.3	23.9	**80**	**79**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	42.0	41.1	**89**	**87**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	84.5	82.6	**89**	**87**	61-134	2	25	
75-25-2	Bromoform	20.1	19.2	18.9	**96**	**94**	66-139	2	25	
100-42-5	Styrene	48.4	45.4	44.4	**94**	**92**	73-127	2	25	
95-47-6	o-Xylene	47.4	42.6	41.6	**90**	**88**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.6	36.8	**90**	**88**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	40.2	39.1	**97**	**94**	66-132	3	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	53.3	51.7	**102**	**99**	55-142	3	25	
91-20-3	Naphthalene	37.8	40.8	39.8	**108**	**105**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	165	159	**135**	**130**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	42.7	44.5	**100**	**105**	59-128	5	25	
74-87-3	Chloromethane	99.8	105	109	**105**	**109**	59-132	4	25	
75-01-4	Vinyl Chloride	81.4	99.7	96.6	**122**	**119**	64-127	2	25	
106-99-0	1,3-Butadiene	95.0	134	128	**141**	**135**	66-134	4	25	**L**
75-00-3	Chloroethane	77.3	68.9	78.4	**89**	**101**	63-127	13	25	
64-17-5	Ethanol	530	556	556	**105**	**105**	59-125	0	25	
67-64-1	Acetone	435	505	488	**116**	**112**	58-128	4	25	
75-69-4	Trichlorofluoromethane	36.3	37.4	37.3	**103**	**103**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	177	176	**107**	**106**	52-125	0.9	25	
75-09-2	Methylene Chloride	59.9	61.2	59.9	**102**	**100**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.6	25.3	**92**	**91**	66-126	1	25	
75-15-0	Carbon Disulfide	137	150	147	**109**	**107**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	54.4	54.7	**104**	**104**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	169	165	**121**	**118**	67-130	3	25	
141-78-6	Ethyl Acetate	117	224	215	**191**	**184**	65-128	4	25	**L**
110-54-3	n-Hexane	60.2	72.6	69.6	**121**	**116**	63-120	4	25	**L**
67-66-3	Chloroform	43.8	47.0	45.5	**107**	**104**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	136	146	142	**107**	**104**	64-123	3	25	
107-06-2	1,2-Dichloroethane	51.4	60.8	58.7	**118**	**114**	65-128	3	25	
71-43-2	Benzene	63.9	64.2	63.7	**100**	**100**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	34.6	34.0	**104**	**102**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	129	127	**107**	**105**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	35.4	34.6	**113**	**110**	72-128	3	25	
79-01-6	Trichloroethene	38.3	36.7	36.5	**96**	**95**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	63.2	62.5	**110**	**108**	71-122	2	25	
142-82-5	n-Heptane	51.3	54.6	53.8	**106**	**105**	69-123	0.9	25	
108-10-1	4-Methyl-2-pentanone	102	127	125	**125**	**123**	67-130	2	25	
108-88-3	Toluene	54.7	44.4	44.3	**81**	**81**	66-119	0	25	
591-78-6	2-Hexanone	98.7	106	104	**107**	**105**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	21.3	21.2	**86**	**86**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	23.1	22.9	**85**	**85**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	23.0	23.0	**76**	**76**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	40.2	39.8	**85**	**84**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	81.4	80.1	**86**	**84**	61-134	2	25	
75-25-2	Bromoform	20.1	18.3	18.1	**91**	**90**	66-139	1	25	
100-42-5	Styrene	48.4	43.2	42.7	**89**	**88**	73-127	1	25	
95-47-6	o-Xylene	47.4	41.0	40.3	**86**	**85**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	36.1	35.5	**86**	**85**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	38.6	37.9	**93**	**91**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	50.2	49.7	**96**	**95**	55-142	1	25	
91-20-3	Naphthalene	37.8	38.4	38.4	**102**	**102**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	117	117	**96**	**96**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	38.9	38.7	**92**	**91**	59-128	1	25	
74-87-3	Chloromethane	99.8	81.5	80.3	**82**	**80**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	77.6	77.7	**95**	**95**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	87.2	87.2	**92**	**92**	66-134	0	25	
75-00-3	Chloroethane	77.3	76.9	78.0	**99**	**101**	63-127	2	25	
64-17-5	Ethanol	530	468	472	**88**	**89**	59-125	1	25	
67-64-1	Acetone	435	395	398	**91**	**91**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	33.1	33.4	**91**	**92**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	145	143	**87**	**86**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	60.3	60.8	**101**	**102**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.8	27.1	**96**	**97**	66-126	1	25	
75-15-0	Carbon Disulfide	137	139	141	**101**	**103**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	50.5	50.9	**96**	**97**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	152	155	**109**	**111**	67-130	2	25	
141-78-6	Ethyl Acetate	117	155	156	**132**	**133**	65-128	0.8	25	**L**
110-54-3	n-Hexane	60.2	55.4	55.7	**92**	**93**	63-120	1	25	
67-66-3	Chloroform	43.8	41.2	41.5	**94**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	137	138	**101**	**101**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	47.2	47.8	**92**	**93**	65-128	1	25	
71-43-2	Benzene	63.9	62.2	62.6	**97**	**98**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.2	30.2	**90**	**90**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	119	120	**98**	**99**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.9	30.1	**95**	**96**	72-128	1	25	
79-01-6	Trichloroethene	38.3	37.0	37.6	**97**	**98**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	61.4	61.5	**106**	**107**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	50.9	51.3	**99**	**100**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	102	102	**100**	**100**	67-130	0	25	
108-88-3	Toluene	54.7	56.5	57.4	**103**	**105**	66-119	2	25	
591-78-6	2-Hexanone	98.7	106	108	**107**	**109**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	26.8	27.2	**109**	**110**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	27.1	29.7	30.3	**110**	**112**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	30.2	30.6	**99**	**101**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	49.9	50.9	**105**	**107**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	96.7	98.8	**102**	**104**	61-134	2	25	
75-25-2	Bromoform	20.1	22.8	23.2	**113**	**115**	66-139	2	25	
100-42-5	Styrene	48.4	53.9	55.0	**111**	**114**	73-127	3	25	
95-47-6	o-Xylene	47.4	49.6	50.5	**105**	**107**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.0	43.6	**103**	**104**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	42.6	43.2	**103**	**104**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.6	60.8	**114**	**116**	55-142	2	25	
91-20-3	Naphthalene	37.8	45.3	46.1	**120**	**122**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-230-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-012DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01288

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Propene	7,600	7,300	7450	**4**	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	300,000	280,000	290000	**7**	25	**D**
Chloroform	ND	ND	-	-	25	
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	1,300	1,300	1300	**0**	25	**J**
Benzene	18,000	17,000	17500	**6**	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-230-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-012DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01288

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	360,000	350,000	355000	**3**	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	240,000	230,000	235000	**4**	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	18,000	17,000	17500	**6**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	ND	ND	-	-	25	
Ethylbenzene	600	570	585	**5**	25	**J**
m,p-Xylenes	2,800	2,700	2750	**4**	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	1,300	1,200	1250	**8**	25	**J**
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	4,100	3,900	4000	**5**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Propene	18	19	18.5	**5**	25	
Dichlorodifluoromethane (CFC 12)	4.9	4.9	4.9	**0**	25	**J**
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	0.99	0.99	0.99	**0**	25	**J**
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	100	100	100	**0**	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	1,600	1,600	1600	**0**	25	
Chloroform	ND	ND	-	-	25	
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	7.9	ND	-	-	25	
Benzene	84	82	83	**2**	25	
Carbon Tetrachloride	5.9	5.7	5.8	**3**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

Compound	Sample Result ppbV	Duplicate Sample Result ppbV	Average ppbV	% RPD	RPD Limit	Data Qualifier
Cyclohexane	2,500	2,500	2500	**0**	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	750	740	745	**1**	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	23	24	23.5	**4**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	1.8	1.8	1.8	**0**	25	**J**
Ethylbenzene	1.3	1.3	1.3	**0**	25	**J**
m,p-Xylenes	9.1	9.3	9.2	**2**	25	**J**
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	11	11	11	**0**	25	
1,3,5-Trimethylbenzene	4.2	4.4	4.3	**5**	25	**J**
1,2,4-Trimethylbenzene	1.2	1.1	1.15	**9**	25	**J**
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	20	20	20	**0**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01234

Initial Pressure (psig): -4.36 Final Pressure (psig): 5.92

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.2**	2.6	1.6	0.65	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	2.6	1.6	0.43	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	0.85	2.6	0.85	0.28	**U**
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**7.4**	26	4.1	1.8	**J**
67-64-1	Acetone	**6.3**	26	13	6.0	**J**
75-69-4	Trichlorofluoromethane	**19**	2.5	1.6	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.1	5.0	3.1	1.1	**U**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.75	**U**
76-13-1	Trichlorotrifluoroethane	**49**	2.6	0.85	0.38	
75-15-0	Carbon Disulfide	2.7	5.0	2.7	0.80	**U**
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**2.9**	5.0	1.6	0.55	**J**
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	1.6	2.6	1.6	0.55	**U**
67-66-3	Chloroform	0.85	2.6	0.85	0.35	**U**
109-99-9	Tetrahydrofuran (THF)	0.85	5.0	0.85	0.33	**U**
107-06-2	1,2-Dichloroethane	0.85	2.6	0.85	0.29	**U**
71-43-2	Benzene	0.85	2.6	0.85	0.38	**U**
56-23-5	Carbon Tetrachloride	0.85	2.5	0.85	0.37	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-001

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01234

Initial Pressure (psig): -4.36 Final Pressure (psig): 5.92

Container Dilution Factor: 1.99

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.7	5.0	1.7	0.75	**U**
75-27-4	Bromodichloromethane	0.85	2.6	0.85	0.38	**U**
79-01-6	Trichloroethene	0.85	2.5	0.85	0.36	**U**
123-91-1	1,4-Dioxane	0.85	2.6	0.85	0.31	**U**
142-82-5	n-Heptane	**0.50**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.85	5.0	0.85	0.36	**U**
108-88-3	Toluene	**2.8**	2.6	0.85	0.32	
591-78-6	2-Hexanone	**0.62**	5.0	0.85	0.33	**J**
124-48-1	Dibromochloromethane	0.85	2.6	0.85	0.35	**U**
106-93-4	1,2-Dibromoethane	0.85	2.6	0.85	0.31	**U**
127-18-4	Tetrachloroethene	**2.3**	2.6	0.85	0.34	**J**
100-41-4	Ethylbenzene	**5.1**	2.6	0.85	0.37	
179601-23-1	m,p-Xylenes	**26**	5.0	1.7	0.70	
75-25-2	Bromoform	1.6	2.6	1.6	0.55	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**9.7**	2.6	0.85	0.38	
108-67-8	1,3,5-Trimethylbenzene	**13**	2.6	0.85	0.38	
95-63-6	1,2,4-Trimethylbenzene	**50**	2.6	0.85	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.65	**U**
91-20-3	Naphthalene	**9.3**	2.6	1.5	0.65	**B, V**
1330-20-7	Xylenes, Total	**36**	5.0	1.7	0.70	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01238

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.25

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3,900**	15,000	9,000	3,700	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	9,000	15,000	9,000	2,500	**U**
74-87-3	Chloromethane	9,000	15,000	9,000	2,400	**U**
75-01-4	Vinyl Chloride	4,800	15,000	4,800	1,600	**U**
106-99-0	1,3-Butadiene	9,000	15,000	9,000	2,500	**U**
75-00-3	Chloroethane	9,000	15,000	9,000	1,900	**U**
64-17-5	Ethanol	23,000	150,000	23,000	10,000	**U**
67-64-1	Acetone	76,000	150,000	76,000	34,000	**U**
75-69-4	Trichlorofluoromethane	9,000	14,000	9,000	2,300	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	18,000	28,000	18,000	6,200	**U**
75-09-2	Methylene Chloride	9,000	15,000	9,000	4,200	**U**
76-13-1	Trichlorotrifluoroethane	**3,400**	15,000	4,800	2,100	**J**
75-15-0	Carbon Disulfide	15,000	28,000	15,000	4,500	**U**
75-34-3	1,1-Dichloroethane	9,300	15,000	9,300	2,200	**U**
78-93-3	2-Butanone (MEK)	9,000	28,000	9,000	3,100	**U**
141-78-6	Ethyl Acetate	18,000	28,000	18,000	7,900	**U**
110-54-3	n-Hexane	**2,300,000**	15,000	9,000	3,100	
67-66-3	Chloroform	4,800	15,000	4,800	2,000	**U**
109-99-9	Tetrahydrofuran (THF)	4,800	28,000	4,800	1,900	**U**
107-06-2	1,2-Dichloroethane	4,800	15,000	4,800	1,700	**U**
71-43-2	Benzene	**180,000**	15,000	4,800	2,200	
56-23-5	Carbon Tetrachloride	4,800	14,000	4,800	2,100	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-002

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes:
Container ID: 1SS01238

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.25

Container Dilution Factor: 1.69

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,300,000**		28,000	9,600	4,200	
75-27-4	Bromodichloromethane		4,800	15,000	4,800	2,200	**U**
79-01-6	Trichloroethene		4,800	14,000	4,800	2,000	**U**
123-91-1	1,4-Dioxane		4,800	15,000	4,800	1,800	**U**
142-82-5	n-Heptane	**990,000**		15,000	9,000	2,400	
108-10-1	4-Methyl-2-pentanone		4,800	28,000	4,800	2,100	**U**
108-88-3	Toluene	**170,000**		15,000	4,800	1,800	
591-78-6	2-Hexanone		4,800	28,000	4,800	1,900	**U**
124-48-1	Dibromochloromethane		4,800	15,000	4,800	2,000	**U**
106-93-4	1,2-Dibromoethane		4,800	15,000	4,800	1,700	**U**
127-18-4	Tetrachloroethene	**2,900**		15,000	4,800	1,900	**J**
100-41-4	Ethylbenzene	**15,000**		15,000	4,800	2,100	**J**
179601-23-1	m,p-Xylenes	**110,000**		28,000	9,600	3,900	
75-25-2	Bromoform		9,000	15,000	9,000	3,100	**U**
100-42-5	Styrene		9,000	15,000	9,000	2,400	**U**
95-47-6	o-Xylene	**39,000**		15,000	4,800	2,200	
108-67-8	1,3,5-Trimethylbenzene	**11,000**		15,000	4,800	2,200	**J**
95-63-6	1,2,4-Trimethylbenzene	**15,000**		15,000	4,800	2,100	
120-82-1	1,2,4-Trichlorobenzene		9,000	28,000	9,000	3,700	**U**
91-20-3	Naphthalene		8,700	15,000	8,700	3,700	**U**
1330-20-7	Xylenes, Total	**150,000**		28,000	9,600	3,900	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-250-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01282

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.69

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**9,500**	6,200	3,800	1,500	
75-71-8	Dichlorodifluoromethane (CFC 12)	3,800	6,200	3,800	1,000	**U**
74-87-3	Chloromethane	3,800	6,200	3,800	1,000	**U**
75-01-4	Vinyl Chloride	2,000	6,300	2,000	680	**U**
106-99-0	1,3-Butadiene	3,800	6,200	3,800	1,000	**U**
75-00-3	Chloroethane	3,800	6,200	3,800	780	**U**
64-17-5	Ethanol	9,800	63,000	9,800	4,400	**U**
67-64-1	Acetone	32,000	62,000	32,000	14,000	**U**
75-69-4	Trichlorofluoromethane	3,800	6,100	3,800	960	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	7,500	12,000	7,500	2,600	**U**
75-09-2	Methylene Chloride	3,800	6,200	3,800	1,800	**U**
76-13-1	Trichlorotrifluoroethane	**1,500**	6,300	2,000	900	**J**
75-15-0	Carbon Disulfide	6,400	12,000	6,400	1,900	**U**
75-34-3	1,1-Dichloroethane	3,900	6,400	3,900	930	**U**
78-93-3	2-Butanone (MEK)	3,800	12,000	3,800	1,300	**U**
141-78-6	Ethyl Acetate	7,700	12,000	7,700	3,300	**U**
110-54-3	n-Hexane	**990,000**	6,200	3,800	1,300	
67-66-3	Chloroform	2,000	6,300	2,000	840	**U**
109-99-9	Tetrahydrofuran (THF)	2,000	12,000	2,000	800	**U**
107-06-2	1,2-Dichloroethane	2,000	6,200	2,000	700	**U**
71-43-2	Benzene	**97,000**	6,200	2,000	910	
56-23-5	Carbon Tetrachloride	2,000	6,100	2,000	880	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-250-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-003

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes:
Container ID: 1SS01282

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.69

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,100,000**		12,000	4,000	1,800	
75-27-4	Bromodichloromethane		2,000	6,200	2,000	910	**U**
79-01-6	Trichloroethene		2,000	6,100	2,000	850	**U**
123-91-1	1,4-Dioxane		2,000	6,200	2,000	750	**U**
142-82-5	n-Heptane	**920,000**		6,200	3,800	1,000	
108-10-1	4-Methyl-2-pentanone		2,000	12,000	2,000	870	**U**
108-88-3	Toluene	**20,000**		6,200	2,000	770	
591-78-6	2-Hexanone		2,000	12,000	2,000	780	**U**
124-48-1	Dibromochloromethane		2,000	6,200	2,000	830	**U**
106-93-4	1,2-Dibromoethane		2,000	6,200	2,000	740	**U**
127-18-4	Tetrachloroethene	**1,200**		6,200	2,000	820	**J**
100-41-4	Ethylbenzene	**3,000**		6,200	2,000	890	**J**
179601-23-1	m,p-Xylenes		4,000	12,000	4,000	1,700	**U**
75-25-2	Bromoform		3,800	6,300	3,800	1,300	**U**
100-42-5	Styrene		3,800	6,200	3,800	1,000	**U**
95-47-6	o-Xylene	**6,400**		6,300	2,000	910	
108-67-8	1,3,5-Trimethylbenzene		2,000	6,300	2,000	910	**U**
95-63-6	1,2,4-Trimethylbenzene		2,000	6,200	2,000	880	**U**
120-82-1	1,2,4-Trichlorobenzene		3,800	12,000	3,800	1,500	**U**
91-20-3	Naphthalene		3,700	6,200	3,700	1,500	**U**
1330-20-7	Xylenes, Total	**6,400**		12,000	4,000	1,700	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-300-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01232

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.94

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**280**	100	63	26	
75-71-8	Dichlorodifluoromethane (CFC 12)	**18**	100	63	17	**J**
74-87-3	Chloromethane	63	100	63	17	**U**
75-01-4	Vinyl Chloride	34	100	34	11	**U**
106-99-0	1,3-Butadiene	63	100	63	17	**U**
75-00-3	Chloroethane	63	100	63	13	**U**
64-17-5	Ethanol	**99**	1,000	160	73	**J**
67-64-1	Acetone	530	1,000	530	240	**U**
75-69-4	Trichlorofluoromethane	63	100	63	16	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**430**	200	120	44	
75-09-2	Methylene Chloride	63	100	63	30	**U**
76-13-1	Trichlorotrifluoroethane	**1,000**	100	34	15	
75-15-0	Carbon Disulfide	110	200	110	32	**U**
75-34-3	1,1-Dichloroethane	65	110	65	15	**U**
78-93-3	2-Butanone (MEK)	63	200	63	22	**U**
141-78-6	Ethyl Acetate	130	200	130	55	**U**
110-54-3	n-Hexane	**14,000**	100	63	22	
67-66-3	Chloroform	34	100	34	14	**U**
109-99-9	Tetrahydrofuran (THF)	34	200	34	13	**U**
107-06-2	1,2-Dichloroethane	34	100	34	12	**U**
71-43-2	Benzene	**3,000**	100	34	15	
56-23-5	Carbon Tetrachloride	**44**	100	34	15	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV01-300-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-004

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.010 Liter(s)
Test Notes:
Container ID: 1SS01232

Initial Pressure (psig): -4.27 Final Pressure (psig): 5.94

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**29,000**	200	67	30	
75-27-4	Bromodichloromethane	34	100	34	15	**U**
79-01-6	Trichloroethene	**26**	100	34	14	**J**
123-91-1	1,4-Dioxane	34	100	34	12	**U**
142-82-5	n-Heptane	**12,000**	100	63	17	
108-10-1	4-Methyl-2-pentanone	34	200	34	14	**U**
108-88-3	Toluene	**110**	100	34	13	
591-78-6	2-Hexanone	34	200	34	13	**U**
124-48-1	Dibromochloromethane	34	100	34	14	**U**
106-93-4	1,2-Dibromoethane	34	100	34	12	**U**
127-18-4	Tetrachloroethene	**35**	100	34	14	**J**
100-41-4	Ethylbenzene	**19**	100	34	15	**J**
179601-23-1	m,p-Xylenes	**170**	200	67	28	**J**
75-25-2	Bromoform	63	100	63	22	**U**
100-42-5	Styrene	63	100	63	17	**U**
95-47-6	o-Xylene	**97**	100	34	15	**J**
108-67-8	1,3,5-Trimethylbenzene	**34**	100	34	15	**J**
95-63-6	1,2,4-Trimethylbenzene	**46**	100	34	15	**J**
120-82-1	1,2,4-Trichlorobenzene	63	200	63	26	**U**
91-20-3	Naphthalene	**38**	100	61	26	**J, B, V**
1330-20-7	Xylenes, Total	**270**	200	67	28	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01265

Initial Pressure (psig): -4.53 Final Pressure (psig): 5.29

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	42	68	42	17	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	42	68	42	11	**U**
74-87-3	Chloromethane	42	68	42	11	**U**
75-01-4	Vinyl Chloride	22	70	22	7.5	**U**
106-99-0	1,3-Butadiene	42	68	42	12	**U**
75-00-3	Chloroethane	42	68	42	8.7	**U**
64-17-5	Ethanol	110	700	110	49	**U**
67-64-1	Acetone	350	680	350	160	**U**
75-69-4	Trichlorofluoromethane	42	67	42	11	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	83	130	83	29	**U**
75-09-2	Methylene Chloride	42	68	42	20	**U**
76-13-1	Trichlorotrifluoroethane	22	70	22	10	**U**
75-15-0	Carbon Disulfide	71	130	71	21	**U**
75-34-3	1,1-Dichloroethane	43	71	43	10	**U**
78-93-3	2-Butanone (MEK)	42	130	42	14	**U**
141-78-6	Ethyl Acetate	85	130	85	37	**U**
110-54-3	n-Hexane	42	68	42	14	**U**
67-66-3	Chloroform	22	70	22	9.3	**U**
109-99-9	Tetrahydrofuran (THF)	22	130	22	8.8	**U**
107-06-2	1,2-Dichloroethane	22	68	22	7.7	**U**
71-43-2	Benzene	22	68	22	10	**U**
56-23-5	Carbon Tetrachloride	22	67	22	9.7	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-005

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: 1SS01265

Initial Pressure (psig): -4.53 Final Pressure (psig): 5.29

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	45	130	45	20	U
75-27-4	Bromodichloromethane	22	68	22	10	U
79-01-6	Trichloroethene	22	67	22	9.5	U
123-91-1	1,4-Dioxane	22	68	22	8.3	U
142-82-5	n-Heptane	42	68	42	11	U
108-10-1	4-Methyl-2-pentanone	22	130	22	9.6	U
108-88-3	Toluene	22	68	22	8.5	U
591-78-6	2-Hexanone	22	130	22	8.7	U
124-48-1	Dibromochloromethane	22	68	22	9.2	U
106-93-4	1,2-Dibromoethane	22	68	22	8.1	U
127-18-4	Tetrachloroethene	22	68	22	9.1	U
100-41-4	Ethylbenzene	22	68	22	9.9	U
179601-23-1	m,p-Xylenes	45	130	45	18	U
75-25-2	Bromoform	42	70	42	14	U
100-42-5	Styrene	42	68	42	11	U
95-47-6	o-Xylene	22	70	22	10	U
108-67-8	1,3,5-Trimethylbenzene	22	70	22	10	U
95-63-6	1,2,4-Trimethylbenzene	22	68	22	9.7	U
120-82-1	1,2,4-Trichlorobenzene	42	130	42	17	U
91-20-3	Naphthalene	41	68	41	17	U
1330-20-7	Xylenes, Total	45	130	45	18	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01295

Initial Pressure (psig): -5.02 Final Pressure (psig): 5.38

Container Dilution Factor: 2.07

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2,100**	7,200	4,400	1,800	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	4,400	7,200	4,400	1,200	**U**
74-87-3	Chloromethane	4,400	7,200	4,400	1,200	**U**
75-01-4	Vinyl Chloride	2,300	7,300	2,300	790	**U**
106-99-0	1,3-Butadiene	4,400	7,200	4,400	1,200	**U**
75-00-3	Chloroethane	4,400	7,200	4,400	910	**U**
64-17-5	Ethanol	11,000	73,000	11,000	5,100	**U**
67-64-1	Acetone	37,000	72,000	37,000	17,000	**U**
75-69-4	Trichlorofluoromethane	4,400	7,000	4,400	1,100	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	8,700	14,000	8,700	3,000	**U**
75-09-2	Methylene Chloride	4,400	7,200	4,400	2,100	**U**
76-13-1	Trichlorotrifluoroethane	2,300	7,300	2,300	1,000	**U**
75-15-0	Carbon Disulfide	7,500	14,000	7,500	2,200	**U**
75-34-3	1,1-Dichloroethane	4,600	7,500	4,600	1,100	**U**
78-93-3	2-Butanone (MEK)	4,400	14,000	4,400	1,500	**U**
141-78-6	Ethyl Acetate	9,000	14,000	9,000	3,900	**U**
110-54-3	n-Hexane	**1,300,000**	7,200	4,400	1,500	
67-66-3	Chloroform	2,300	7,300	2,300	980	**U**
109-99-9	Tetrahydrofuran (THF)	2,300	14,000	2,300	920	**U**
107-06-2	1,2-Dichloroethane	2,300	7,200	2,300	810	**U**
71-43-2	Benzene	**570,000**	7,200	2,300	1,100	
56-23-5	Carbon Tetrachloride	2,300	7,000	2,300	1,000	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01295

Initial Pressure (psig): -5.02 Final Pressure (psig): 5.38

Container Dilution Factor: 2.07

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,800,000**		14,000	4,700	2,100	
75-27-4	Bromodichloromethane		2,300	7,200	2,300	1,100	**U**
79-01-6	Trichloroethene	**1,100**		7,000	2,300	990	**J**
123-91-1	1,4-Dioxane		2,300	7,200	2,300	870	**U**
142-82-5	n-Heptane	**3,000,000**		22,000	13,000	3,500	**D**
108-10-1	4-Methyl-2-pentanone		2,300	14,000	2,300	1,000	**U**
108-88-3	Toluene	**2,200,000**		22,000	7,000	2,700	**D**
591-78-6	2-Hexanone		2,300	14,000	2,300	910	**U**
124-48-1	Dibromochloromethane		2,300	7,200	2,300	970	**U**
106-93-4	1,2-Dibromoethane	**14,000**		7,200	2,300	860	
127-18-4	Tetrachloroethene		2,300	7,200	2,300	950	**U**
100-41-4	Ethylbenzene	**110,000**		7,200	2,300	1,000	
179601-23-1	m,p-Xylenes	**500,000**		14,000	4,700	1,900	
75-25-2	Bromoform		4,400	7,300	4,400	1,500	**U**
100-42-5	Styrene		4,400	7,200	4,400	1,200	**U**
95-47-6	o-Xylene	**120,000**		7,300	2,300	1,100	
108-67-8	1,3,5-Trimethylbenzene	**20,000**		7,300	2,300	1,100	
95-63-6	1,2,4-Trimethylbenzene	**32,000**		7,200	2,300	1,000	
120-82-1	1,2,4-Trichlorobenzene		4,400	14,000	4,400	1,800	**U**
91-20-3	Naphthalene		4,300	7,200	4,300	1,800	**U**
1330-20-7	Xylenes, Total	**620,000**		14,000	4,700	1,900	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00013 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01262

Initial Pressure (psig): -4.21 Final Pressure (psig): 5.53

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	4,800	7,700	4,800	1,900	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	4,800	7,700	4,800	1,300	**U**
74-87-3	Chloromethane	4,800	7,700	4,800	1,300	**U**
75-01-4	Vinyl Chloride	2,500	7,900	2,500	850	**U**
106-99-0	1,3-Butadiene	4,800	7,700	4,800	1,300	**U**
75-00-3	Chloroethane	4,800	7,700	4,800	980	**U**
64-17-5	Ethanol	12,000	79,000	12,000	5,500	**U**
67-64-1	Acetone	40,000	77,000	40,000	18,000	**U**
75-69-4	Trichlorofluoromethane	4,800	7,600	4,800	1,200	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	9,400	15,000	9,400	3,300	**U**
75-09-2	Methylene Chloride	4,800	7,700	4,800	2,200	**U**
76-13-1	Trichlorotrifluoroethane	2,500	7,900	2,500	1,100	**U**
75-15-0	Carbon Disulfide	8,000	15,000	8,000	2,400	**U**
75-34-3	1,1-Dichloroethane	4,900	8,000	4,900	1,200	**U**
78-93-3	2-Butanone (MEK)	4,800	15,000	4,800	1,600	**U**
141-78-6	Ethyl Acetate	9,700	15,000	9,700	4,200	**U**
110-54-3	n-Hexane	**1,500,000**	7,700	4,800	1,600	
67-66-3	Chloroform	2,500	7,900	2,500	1,100	**U**
109-99-9	Tetrahydrofuran (THF)	2,500	15,000	2,500	990	**U**
107-06-2	1,2-Dichloroethane	2,500	7,700	2,500	880	**U**
71-43-2	Benzene	**590,000**	7,700	2,500	1,100	
56-23-5	Carbon Tetrachloride	2,500	7,600	2,500	1,100	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00013 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01262

Initial Pressure (psig): -4.21 Final Pressure (psig): 5.53

Container Dilution Factor: 1.93

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,700,000**		15,000	5,000	2,200	
75-27-4	Bromodichloromethane		2,500	7,700	2,500	1,100	**U**
79-01-6	Trichloroethene	**1,400**		7,600	2,500	1,100	**J**
123-91-1	1,4-Dioxane		2,500	7,700	2,500	940	**U**
142-82-5	n-Heptane	**2,800,000**		20,000	12,000	3,300	**D**
108-10-1	4-Methyl-2-pentanone		2,500	15,000	2,500	1,100	**U**
108-88-3	Toluene	**1,300,000**		7,700	2,500	970	
591-78-6	2-Hexanone		2,500	15,000	2,500	980	**U**
124-48-1	Dibromochloromethane		2,500	7,700	2,500	1,000	**U**
106-93-4	1,2-Dibromoethane	**1,600**		7,700	2,500	920	**J**
127-18-4	Tetrachloroethene		2,500	7,700	2,500	1,000	**U**
100-41-4	Ethylbenzene	**98,000**		7,700	2,500	1,100	
179601-23-1	m,p-Xylenes	**340,000**		15,000	5,000	2,100	
75-25-2	Bromoform		4,800	7,900	4,800	1,600	**U**
100-42-5	Styrene		4,800	7,700	4,800	1,300	**U**
95-47-6	o-Xylene	**110,000**		7,900	2,500	1,100	
108-67-8	1,3,5-Trimethylbenzene	**15,000**		7,900	2,500	1,100	
95-63-6	1,2,4-Trimethylbenzene	**23,000**		7,700	2,500	1,100	
120-82-1	1,2,4-Trichlorobenzene		4,800	15,000	4,800	1,900	**U**
91-20-3	Naphthalene	**4,500**		7,700	4,600	1,900	**J, B, V**
1330-20-7	Xylenes, Total	**450,000**		15,000	5,000	2,100	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00012 Liter(s)
Test Notes: 0.000060 Liter(s)
Container ID: 1SS01301

Initial Pressure (psig): -3.85 Final Pressure (psig): 5.40

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	4,900	8,000	4,900	2,000	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	4,900	8,000	4,900	1,300	**U**
74-87-3	Chloromethane	4,900	8,000	4,900	1,300	**U**
75-01-4	Vinyl Chloride	2,600	8,200	2,600	880	**U**
106-99-0	1,3-Butadiene	4,900	8,000	4,900	1,400	**U**
75-00-3	Chloroethane	4,900	8,000	4,900	1,000	**U**
64-17-5	Ethanol	13,000	82,000	13,000	5,700	**U**
67-64-1	Acetone	42,000	80,000	42,000	19,000	**U**
75-69-4	Trichlorofluoromethane	4,900	7,900	4,900	1,200	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	9,700	15,000	9,700	3,400	**U**
75-09-2	Methylene Chloride	4,900	8,000	4,900	2,300	**U**
76-13-1	Trichlorotrifluoroethane	2,600	8,200	2,600	1,200	**U**
75-15-0	Carbon Disulfide	8,300	15,000	8,300	2,500	**U**
75-34-3	1,1-Dichloroethane	5,100	8,300	5,100	1,200	**U**
78-93-3	2-Butanone (MEK)	**6,900**	15,000	4,900	1,700	**J**
141-78-6	Ethyl Acetate	10,000	15,000	10,000	4,300	**U**
110-54-3	n-Hexane	**1,400,000**	8,000	4,900	1,700	
67-66-3	Chloroform	2,600	8,200	2,600	1,100	**U**
109-99-9	Tetrahydrofuran (THF)	2,600	15,000	2,600	1,000	**U**
107-06-2	1,2-Dichloroethane	2,600	8,000	2,600	910	**U**
71-43-2	Benzene	**570,000**	8,000	2,600	1,200	
56-23-5	Carbon Tetrachloride	2,600	7,900	2,600	1,100	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV02-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13 - 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00012 Liter(s)
Test Notes: 0.000060 Liter(s)
Container ID: 1SS01301

Initial Pressure (psig): -3.85 Final Pressure (psig): 5.40

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,700,000**		15,000	5,200	2,300	
75-27-4	Bromodichloromethane		2,600	8,000	2,600	1,200	**U**
79-01-6	Trichloroethene		2,600	7,900	2,600	1,100	**U**
123-91-1	1,4-Dioxane		2,600	8,000	2,600	970	**U**
142-82-5	n-Heptane	**2,800,000**		16,000	9,900	2,600	**D**
108-10-1	4-Methyl-2-pentanone		2,600	15,000	2,600	1,100	**U**
108-88-3	Toluene	**1,200,000**		8,000	2,600	1,000	
591-78-6	2-Hexanone		2,600	15,000	2,600	1,000	**U**
124-48-1	Dibromochloromethane		2,600	8,000	2,600	1,100	**U**
106-93-4	1,2-Dibromoethane	**1,300**		8,000	2,600	960	**J**
127-18-4	Tetrachloroethene		2,600	8,000	2,600	1,100	**U**
100-41-4	Ethylbenzene	**90,000**		8,000	2,600	1,200	
179601-23-1	m,p-Xylenes	**310,000**		15,000	5,200	2,200	
75-25-2	Bromoform		4,900	8,200	4,900	1,700	**U**
100-42-5	Styrene		4,900	8,000	4,900	1,300	**U**
95-47-6	o-Xylene	**100,000**		8,200	2,600	1,200	
108-67-8	1,3,5-Trimethylbenzene	**13,000**		8,200	2,600	1,200	
95-63-6	1,2,4-Trimethylbenzene	**19,000**		8,000	2,600	1,100	
120-82-1	1,2,4-Trichlorobenzene		4,900	15,000	4,900	2,000	**U**
91-20-3	Naphthalene		4,800	8,000	4,800	2,000	**U**
1330-20-7	Xylenes, Total	**410,000**		15,000	5,200	2,200	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01230

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.20

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.5**	2.3	1.4	0.57	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.2**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.37	**U**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**15**	23	3.6	1.6	**J**
67-64-1	Acetone	**7.7**	23	12	5.2	**J**
75-69-4	Trichlorofluoromethane	**15**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.7	4.4	2.7	0.96	**U**
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.65	**U**
76-13-1	Trichlorotrifluoroethane	**75**	2.3	0.74	0.33	
75-15-0	Carbon Disulfide	**2.4**	4.4	2.3	0.70	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**7.5**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.8	4.4	2.8	1.2	**U**
110-54-3	n-Hexane	**71**	2.3	1.4	0.48	
67-66-3	Chloroform	0.74	2.3	0.74	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	**24**	4.4	0.74	0.29	
107-06-2	1,2-Dichloroethane	0.74	2.3	0.74	0.26	**U**
71-43-2	Benzene	**14**	2.3	0.74	0.33	
56-23-5	Carbon Tetrachloride	**1.1**	2.2	0.74	0.32	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01230

Initial Pressure (psig): -3.26 Final Pressure (psig): 5.20

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**37**	4.4	1.5	0.65	
75-27-4	Bromodichloromethane	0.74	2.3	0.74	0.33	**U**
79-01-6	Trichloroethene	0.74	2.2	0.74	0.31	**U**
123-91-1	1,4-Dioxane	0.74	2.3	0.74	0.27	**U**
142-82-5	n-Heptane	**84**	2.3	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.74	4.4	0.74	0.32	**U**
108-88-3	Toluene	**33**	2.3	0.74	0.28	
591-78-6	2-Hexanone	0.74	4.4	0.74	0.29	**U**
124-48-1	Dibromochloromethane	0.74	2.3	0.74	0.30	**U**
106-93-4	1,2-Dibromoethane	0.74	2.3	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**2.2**	2.3	0.74	0.30	**J**
100-41-4	Ethylbenzene	**8.1**	2.3	0.74	0.33	
179601-23-1	m,p-Xylenes	**57**	4.4	1.5	0.61	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.37	**U**
95-47-6	o-Xylene	**20**	2.3	0.74	0.33	
108-67-8	1,3,5-Trimethylbenzene	**15**	2.3	0.74	0.33	
95-63-6	1,2,4-Trimethylbenzene	**49**	2.3	0.74	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	**13**	2.3	1.3	0.57	**B, V**
1330-20-7	Xylenes, Total	**77**	4.4	1.5	0.61	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01305

Initial Pressure (psig): -3.89 Final Pressure (psig): 5.17

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**7.6**	2.4	1.5	0.60	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.1**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**13**	24	3.8	1.7	**J**
67-64-1	Acetone	**14**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**15**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	**19**	4.6	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**74**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**2.2**	4.6	2.5	0.74	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**5.3**	4.6	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**17**	2.4	1.5	0.51	
67-66-3	Chloroform	0.78	2.4	0.78	0.33	**U**
109-99-9	Tetrahydrofuran (THF)	**13**	4.6	0.78	0.31	
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**3.9**	2.4	0.78	0.35	
56-23-5	Carbon Tetrachloride	**1.1**	2.3	0.78	0.34	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-010

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01305

Initial Pressure (psig): -3.89 Final Pressure (psig): 5.17

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**18**	4.6	1.6	0.69	
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	0.78	2.3	0.78	0.33	**U**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**31**	2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.34	**U**
108-88-3	Toluene	**12**	2.4	0.78	0.30	
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.29	**U**
127-18-4	Tetrachloroethene	**2.2**	2.4	0.78	0.32	**J**
100-41-4	Ethylbenzene	**4.1**	2.4	0.78	0.35	
179601-23-1	m,p-Xylenes	**31**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**13**	2.4	0.78	0.35	
108-67-8	1,3,5-Trimethylbenzene	**11**	2.4	0.78	0.35	
95-63-6	1,2,4-Trimethylbenzene	**32**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**6.3**	2.4	1.4	0.60	**B, V**
1330-20-7	Xylenes, Total	**44**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS01302

Initial Pressure (psig): -3.91 Final Pressure (psig): 5.12

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5.0**	8.0	4.9	2.0	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.5**	8.0	4.9	1.3	**J**
74-87-3	Chloromethane	4.9	8.0	4.9	1.3	**U**
75-01-4	Vinyl Chloride	2.6	8.1	2.6	0.87	**U**
106-99-0	1,3-Butadiene	4.9	8.0	4.9	1.3	**U**
75-00-3	Chloroethane	4.9	8.0	4.9	1.0	**U**
64-17-5	Ethanol	**20**	81	13	5.7	**J**
67-64-1	Acetone	41	80	41	18	**U**
75-69-4	Trichlorofluoromethane	**9.5**	7.8	4.9	1.2	
67-63-0	2-Propanol (Isopropyl Alcohol)	9.7	15	9.7	3.4	**U**
75-09-2	Methylene Chloride	4.9	8.0	4.9	2.3	**U**
76-13-1	Trichlorotrifluoroethane	**120**	8.1	2.6	1.2	
75-15-0	Carbon Disulfide	8.3	15	8.3	2.5	**U**
75-34-3	1,1-Dichloroethane	5.1	8.3	5.1	1.2	**U**
78-93-3	2-Butanone (MEK)	**5.4**	15	4.9	1.7	**J**
141-78-6	Ethyl Acetate	10	15	10	4.3	**U**
110-54-3	n-Hexane	**13**	8.0	4.9	1.7	
67-66-3	Chloroform	2.6	8.1	2.6	1.1	**U**
109-99-9	Tetrahydrofuran (THF)	**1.4**	15	2.6	1.0	**J**
107-06-2	1,2-Dichloroethane	2.6	8.0	2.6	0.90	**U**
71-43-2	Benzene	**2.7**	8.0	2.6	1.2	**J**
56-23-5	Carbon Tetrachloride	2.6	7.8	2.6	1.1	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-011

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS01302

Initial Pressure (psig): -3.91 Final Pressure (psig): 5.12

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**280**	15	5.2	2.3	
75-27-4	Bromodichloromethane	2.6	8.0	2.6	1.2	**U**
79-01-6	Trichloroethene	2.6	7.8	2.6	1.1	**U**
123-91-1	1,4-Dioxane	2.6	8.0	2.6	0.97	**U**
142-82-5	n-Heptane	**8.0**	8.0	4.9	1.3	
108-10-1	4-Methyl-2-pentanone	2.6	15	2.6	1.1	**U**
108-88-3	Toluene	**3.5**	8.0	2.6	1.0	**J**
591-78-6	2-Hexanone	2.6	15	2.6	1.0	**U**
124-48-1	Dibromochloromethane	2.6	8.0	2.6	1.1	**U**
106-93-4	1,2-Dibromoethane	2.6	8.0	2.6	0.95	**U**
127-18-4	Tetrachloroethene	**2.3**	8.0	2.6	1.1	**J**
100-41-4	Ethylbenzene	**2.2**	8.0	2.6	1.2	**J**
179601-23-1	m,p-Xylenes	**8.5**	15	5.2	2.1	**J**
75-25-2	Bromoform	4.9	8.1	4.9	1.7	**U**
100-42-5	Styrene	4.9	8.0	4.9	1.3	**U**
95-47-6	o-Xylene	**3.3**	8.1	2.6	1.2	**J**
108-67-8	1,3,5-Trimethylbenzene	**5.9**	8.1	2.6	1.2	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.9**	8.0	2.6	1.1	
120-82-1	1,2,4-Trichlorobenzene	4.9	15	4.9	2.0	**U**
91-20-3	Naphthalene	**2.9**	8.0	4.8	2.0	**J, B, V**
1330-20-7	Xylenes, Total	**12**	15	5.2	2.1	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-230-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-012

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01288

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**13,000**	6,000	3,700	1,500	
75-71-8	Dichlorodifluoromethane (CFC 12)	3,700	6,000	3,700	1,000	**U**
74-87-3	Chloromethane	3,700	6,000	3,700	1,000	**U**
75-01-4	Vinyl Chloride	2,000	6,100	2,000	660	**U**
106-99-0	1,3-Butadiene	3,700	6,000	3,700	1,000	**U**
75-00-3	Chloroethane	3,700	6,000	3,700	770	**U**
64-17-5	Ethanol	9,600	61,000	9,600	4,300	**U**
67-64-1	Acetone	31,000	60,000	31,000	14,000	**U**
75-69-4	Trichlorofluoromethane	3,700	5,900	3,700	940	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	7,300	12,000	7,300	2,600	**U**
75-09-2	Methylene Chloride	3,700	6,000	3,700	1,700	**U**
76-13-1	Trichlorotrifluoroethane	2,000	6,100	2,000	880	**U**
75-15-0	Carbon Disulfide	6,300	12,000	6,300	1,900	**U**
75-34-3	1,1-Dichloroethane	3,800	6,300	3,800	900	**U**
78-93-3	2-Butanone (MEK)	3,700	12,000	3,700	1,300	**U**
141-78-6	Ethyl Acetate	7,500	12,000	7,500	3,200	**U**
110-54-3	n-Hexane	**1,000,000**	18,000	11,000	3,800	**D**
67-66-3	Chloroform	2,000	6,100	2,000	820	**U**
109-99-9	Tetrahydrofuran (THF)	2,000	12,000	2,000	780	**U**
107-06-2	1,2-Dichloroethane	**5,300**	6,000	2,000	680	**J**
71-43-2	Benzene	**56,000**	6,000	2,000	890	
56-23-5	Carbon Tetrachloride	2,000	5,900	2,000	860	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV05-230-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-012
Test Code:	EPA TO-15	Date Collected:	4/19/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan/Topacio Zavala	Date Analyzed:	5/14 - 5/15/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.00015 Liter(s)
Test Notes:			0.000050 Liter(s)
Container ID:	1SS01288		

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,200,000**		12,000	3,900	1,700	
75-27-4	Bromodichloromethane		2,000	6,000	2,000	890	**U**
79-01-6	Trichloroethene		2,000	5,900	2,000	840	**U**
123-91-1	1,4-Dioxane		2,000	6,000	2,000	730	**U**
142-82-5	n-Heptane	**980,000**		6,000	3,700	990	
108-10-1	4-Methyl-2-pentanone		2,000	12,000	2,000	850	**U**
108-88-3	Toluene	**66,000**		6,000	2,000	750	
591-78-6	2-Hexanone		2,000	12,000	2,000	770	**U**
124-48-1	Dibromochloromethane		2,000	6,000	2,000	810	**U**
106-93-4	1,2-Dibromoethane		2,000	6,000	2,000	720	**U**
127-18-4	Tetrachloroethene		2,000	6,000	2,000	800	**U**
100-41-4	Ethylbenzene	**2,600**		6,000	2,000	870	**J**
179601-23-1	m,p-Xylenes	**12,000**		12,000	3,900	1,600	
75-25-2	Bromoform		3,700	6,100	3,700	1,300	**U**
100-42-5	Styrene		3,700	6,000	3,700	1,000	**U**
95-47-6	o-Xylene	**5,500**		6,100	2,000	890	**J**
108-67-8	1,3,5-Trimethylbenzene		2,000	6,100	2,000	890	**U**
95-63-6	1,2,4-Trimethylbenzene		2,000	6,000	2,000	860	**U**
120-82-1	1,2,4-Trichlorobenzene		3,700	12,000	3,700	1,500	**U**
91-20-3	Naphthalene		3,600	6,000	3,600	1,500	**U**
1330-20-7	Xylenes, Total	**18,000**		12,000	3,900	1,600	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**32**	29	18	7.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	**24**	29	18	4.9	**J**
74-87-3	Chloromethane	18	29	18	4.9	**U**
75-01-4	Vinyl Chloride	9.6	30	9.6	3.2	**U**
106-99-0	1,3-Butadiene	18	29	18	5.0	**U**
75-00-3	Chloroethane	18	29	18	3.7	**U**
64-17-5	Ethanol	47	300	47	21	**U**
67-64-1	Acetone	150	290	150	68	**U**
75-69-4	Trichlorofluoromethane	**5.5**	29	18	4.6	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	36	57	36	12	**U**
75-09-2	Methylene Chloride	18	29	18	8.5	**U**
76-13-1	Trichlorotrifluoroethane	**800**	30	9.6	4.3	
75-15-0	Carbon Disulfide	31	57	31	9.1	**U**
75-34-3	1,1-Dichloroethane	19	31	19	4.4	**U**
78-93-3	2-Butanone (MEK)	18	57	18	6.2	**U**
141-78-6	Ethyl Acetate	37	57	37	16	**U**
110-54-3	n-Hexane	**5,800**	29	18	6.2	
67-66-3	Chloroform	9.6	30	9.6	4.0	**U**
109-99-9	Tetrahydrofuran (THF)	9.6	57	9.6	3.8	**U**
107-06-2	1,2-Dichloroethane	**32**	29	9.6	3.3	
71-43-2	Benzene	**270**	29	9.6	4.4	
56-23-5	Carbon Tetrachloride	**37**	29	9.6	4.2	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**8,500**	57	19	8.5	
75-27-4	Bromodichloromethane	9.6	29	9.6	4.4	**U**
79-01-6	Trichloroethene	9.6	29	9.6	4.1	**U**
123-91-1	1,4-Dioxane	9.6	29	9.6	3.6	**U**
142-82-5	n-Heptane	**3,100**	29	18	4.8	
108-10-1	4-Methyl-2-pentanone	9.6	57	9.6	4.1	**U**
108-88-3	Toluene	**88**	29	9.6	3.7	
591-78-6	2-Hexanone	9.6	57	9.6	3.7	**U**
124-48-1	Dibromochloromethane	9.6	29	9.6	4.0	**U**
106-93-4	1,2-Dibromoethane	9.6	29	9.6	3.5	**U**
127-18-4	Tetrachloroethene	**12**	29	9.6	3.9	**J**
100-41-4	Ethylbenzene	**5.5**	29	9.6	4.2	**J**
179601-23-1	m,p-Xylenes	**40**	57	19	7.9	**J**
75-25-2	Bromoform	18	30	18	6.2	**U**
100-42-5	Styrene	18	29	18	4.9	**U**
95-47-6	o-Xylene	**48**	30	9.6	4.4	
108-67-8	1,3,5-Trimethylbenzene	**21**	30	9.6	4.4	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.7**	29	9.6	4.2	**J**
120-82-1	1,2,4-Trichlorobenzene	18	57	18	7.4	**U**
91-20-3	Naphthalene	18	29	18	7.4	**U**
1330-20-7	Xylenes, Total	**87**	57	19	7.9	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00621

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**52**	2.4	1.5	0.60	
75-71-8	Dichlorodifluoromethane (CFC 12)	**20**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**13**	24	3.8	1.7	**J**
67-64-1	Acetone	**27**	24	12	5.5	
75-69-4	Trichlorofluoromethane	**5.6**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	**140**	4.6	2.9	1.0	
75-09-2	Methylene Chloride	**1.5**	2.4	1.5	0.69	**J**
76-13-1	Trichlorotrifluoroethane	**100**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**7.0**	4.6	2.5	0.74	
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**3.6**	4.6	1.5	0.51	**J**
141-78-6	Ethyl Acetate	**31**	4.6	3.0	1.3	**V**
110-54-3	n-Hexane	**10**	2.4	1.5	0.51	
67-66-3	Chloroform	0.78	2.4	0.78	0.33	**U**
109-99-9	Tetrahydrofuran (THF)	**0.43**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**8.4**	2.4	0.78	0.35	
56-23-5	Carbon Tetrachloride	**26**	2.3	0.78	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00621

Initial Pressure (psig): -2.93 Final Pressure (psig): 6.98

Container Dilution Factor: 1.84

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**7.7**	4.6	1.6	0.69	
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**17**	2.3	0.78	0.33	
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**27**	2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.34	**U**
108-88-3	Toluene	**82**	2.4	0.78	0.30	
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	**0.31**	2.4	0.78	0.29	**J**
127-18-4	Tetrachloroethene	**1.8**	2.4	0.78	0.32	**J**
100-41-4	Ethylbenzene	**12**	2.4	0.78	0.35	
179601-23-1	m,p-Xylenes	**66**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.51	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.40	**U**
95-47-6	o-Xylene	**21**	2.4	0.78	0.35	
108-67-8	1,3,5-Trimethylbenzene	**11**	2.4	0.78	0.35	
95-63-6	1,2,4-Trimethylbenzene	**33**	2.4	0.78	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**1.5**	2.4	1.4	0.60	**J, B, V**
1330-20-7	Xylenes, Total	**87**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -3.40 Final Pressure (psig): 5.21

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**270**	2.3	1.4	0.57	
75-71-8	Dichlorodifluoromethane (CFC 12)	**20**	2.3	1.4	0.38	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.75	2.3	0.75	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**16**	23	3.7	1.6	**J**
67-64-1	Acetone	**29**	23	12	5.3	
75-69-4	Trichlorofluoromethane	**5.3**	2.2	1.4	0.36	
67-63-0	2-Propanol (Isopropyl Alcohol)	**850**	4.4	2.8	0.97	
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**90**	2.3	0.75	0.33	
75-15-0	Carbon Disulfide	**10**	4.4	2.4	0.70	
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.34	**U**
78-93-3	2-Butanone (MEK)	**1.4**	4.4	1.4	0.48	**J**
141-78-6	Ethyl Acetate	**110**	4.4	2.9	1.2	**V**
110-54-3	n-Hexane	**7.8**	2.3	1.4	0.48	
67-66-3	Chloroform	**2.4**	2.3	0.75	0.31	
109-99-9	Tetrahydrofuran (THF)	**0.91**	4.4	0.75	0.29	**J**
107-06-2	1,2-Dichloroethane	0.75	2.3	0.75	0.26	**U**
71-43-2	Benzene	**6.6**	2.3	0.75	0.34	
56-23-5	Carbon Tetrachloride	**23**	2.2	0.75	0.33	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-612** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00966

Initial Pressure (psig): -3.40 Final Pressure (psig): 5.21

Container Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**5.1**	4.4	1.5	0.66	
75-27-4	Bromodichloromethane	0.75	2.3	0.75	0.34	**U**
79-01-6	Trichloroethene	0.75	2.2	0.75	0.32	**U**
123-91-1	1,4-Dioxane	0.75	2.3	0.75	0.28	**U**
142-82-5	n-Heptane	**23**	2.3	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.75	4.4	0.75	0.32	**U**
108-88-3	Toluene	**64**	2.3	0.75	0.29	
591-78-6	2-Hexanone	0.75	4.4	0.75	0.29	**U**
124-48-1	Dibromochloromethane	0.75	2.3	0.75	0.31	**U**
106-93-4	1,2-Dibromoethane	0.75	2.3	0.75	0.27	**U**
127-18-4	Tetrachloroethene	**2.0**	2.3	0.75	0.30	**J**
100-41-4	Ethylbenzene	**8.7**	2.3	0.75	0.33	
179601-23-1	m,p-Xylenes	**48**	4.4	1.5	0.62	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**15**	2.3	0.75	0.34	
108-67-8	1,3,5-Trimethylbenzene	**7.6**	2.3	0.75	0.34	
95-63-6	1,2,4-Trimethylbenzene	**27**	2.3	0.75	0.33	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	**7.6**	2.3	1.4	0.57	**B, V**
1330-20-7	Xylenes, Total	**63**	4.4	1.5	0.62	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01138

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.39

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2.2**	2.5	1.5	0.62	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**22**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	**U**
75-01-4	Vinyl Chloride	0.82	2.5	0.82	0.27	**U**
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	**U**
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	**U**
64-17-5	Ethanol	**7.9**	25	4.0	1.8	**J**
67-64-1	Acetone	**14**	25	13	5.8	**J**
75-69-4	Trichlorofluoromethane	**5.7**	2.4	1.5	0.39	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.1**	4.8	3.0	1.1	**J**
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	**U**
76-13-1	Trichlorotrifluoroethane	**99**	2.5	0.82	0.36	
75-15-0	Carbon Disulfide	**2.0**	4.8	2.6	0.77	**J**
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	**U**
78-93-3	2-Butanone (MEK)	**3.8**	4.8	1.5	0.53	**J**
141-78-6	Ethyl Acetate	**3.1**	4.8	3.1	1.3	**J, V**
110-54-3	n-Hexane	**7.8**	2.5	1.5	0.53	
67-66-3	Chloroform	**2.4**	2.5	0.82	0.34	**J**
109-99-9	Tetrahydrofuran (THF)	**0.60**	4.8	0.82	0.32	**J**
107-06-2	1,2-Dichloroethane	0.82	2.5	0.82	0.28	**U**
71-43-2	Benzene	**6.4**	2.5	0.82	0.37	
56-23-5	Carbon Tetrachloride	**25**	2.4	0.82	0.36	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01138

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.39

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4.4**	4.8	1.6	0.72	**J**
75-27-4	Bromodichloromethane	0.82	2.5	0.82	0.37	**U**
79-01-6	Trichloroethene	0.82	2.4	0.82	0.35	**U**
123-91-1	1,4-Dioxane	0.82	2.5	0.82	0.30	**U**
142-82-5	n-Heptane	**21**	2.5	1.5	0.41	
108-10-1	4-Methyl-2-pentanone	0.82	4.8	0.82	0.35	**U**
108-88-3	Toluene	**59**	2.5	0.82	0.31	
591-78-6	2-Hexanone	0.82	4.8	0.82	0.32	**U**
124-48-1	Dibromochloromethane	0.82	2.5	0.82	0.34	**U**
106-93-4	1,2-Dibromoethane	0.82	2.5	0.82	0.30	**U**
127-18-4	Tetrachloroethene	**2.0**	2.5	0.82	0.33	**J**
100-41-4	Ethylbenzene	**8.7**	2.5	0.82	0.36	
179601-23-1	m,p-Xylenes	**49**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**15**	2.5	0.82	0.37	
108-67-8	1,3,5-Trimethylbenzene	**7.7**	2.5	0.82	0.37	
95-63-6	1,2,4-Trimethylbenzene	**27**	2.5	0.82	0.36	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**6.1**	2.5	1.5	0.62	**B, V**
1330-20-7	Xylenes, Total	**64**	4.8	1.6	0.67	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-252-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00789

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.39

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**710**	1,800	1,100	450	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,100	1,800	1,100	300	**U**
74-87-3	Chloromethane	1,100	1,800	1,100	300	**U**
75-01-4	Vinyl Chloride	590	1,800	590	200	**U**
106-99-0	1,3-Butadiene	1,100	1,800	1,100	310	**U**
75-00-3	Chloroethane	1,100	1,800	1,100	230	**U**
64-17-5	Ethanol	**3,400**	18,000	2,900	1,300	**J**
67-64-1	Acetone	9,400	18,000	9,400	4,200	**U**
75-69-4	Trichlorofluoromethane	1,100	1,800	1,100	280	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,200	3,500	2,200	770	**U**
75-09-2	Methylene Chloride	1,100	1,800	1,100	520	**U**
76-13-1	Trichlorotrifluoroethane	**500**	1,800	590	260	**J**
75-15-0	Carbon Disulfide	1,900	3,500	1,900	560	**U**
75-34-3	1,1-Dichloroethane	1,100	1,900	1,100	270	**U**
78-93-3	2-Butanone (MEK)	1,100	3,500	1,100	380	**U**
141-78-6	Ethyl Acetate	2,300	3,500	2,300	970	**U**
110-54-3	n-Hexane	**18,000**	1,800	1,100	380	
67-66-3	Chloroform	590	1,800	590	250	**U**
109-99-9	Tetrahydrofuran (THF)	590	3,500	590	230	**U**
107-06-2	1,2-Dichloroethane	**1,100**	1,800	590	210	**J**
71-43-2	Benzene	**330,000**	1,800	590	270	
56-23-5	Carbon Tetrachloride	590	1,800	590	260	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-252-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC00789

Initial Pressure (psig): -3.15 Final Pressure (psig): 5.39

Container Dilution Factor: 1.74

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**130,000**		3,500	1,200	520	
75-27-4	Bromodichloromethane		590	1,800	590	270	**U**
79-01-6	Trichloroethene		590	1,800	590	250	**U**
123-91-1	1,4-Dioxane		590	1,800	590	220	**U**
142-82-5	n-Heptane	**460**		1,800	1,100	300	**J**
108-10-1	4-Methyl-2-pentanone		590	3,500	590	250	**U**
108-88-3	Toluene	**8,000**		1,800	590	230	
591-78-6	2-Hexanone		590	3,500	590	230	**U**
124-48-1	Dibromochloromethane		590	1,800	590	240	**U**
106-93-4	1,2-Dibromoethane		590	1,800	590	220	**U**
127-18-4	Tetrachloroethene		590	1,800	590	240	**U**
100-41-4	Ethylbenzene		590	1,800	590	260	**U**
179601-23-1	m,p-Xylenes	**1,200**		3,500	1,200	490	**J**
75-25-2	Bromoform		1,100	1,800	1,100	380	**U**
100-42-5	Styrene		1,100	1,800	1,100	300	**U**
95-47-6	o-Xylene	**3,200**		1,800	590	270	
108-67-8	1,3,5-Trimethylbenzene		590	1,800	590	270	**U**
95-63-6	1,2,4-Trimethylbenzene		590	1,800	590	260	**U**
120-82-1	1,2,4-Trichlorobenzene		1,100	3,500	1,100	450	**U**
91-20-3	Naphthalene		1,100	1,800	1,100	450	**U**
1330-20-7	Xylenes, Total	**4,400**		3,500	1,200	490	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-302-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.54 Final Pressure (psig): 8.52

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**9.7**	5.0	3.1	1.2	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**39**	5.0	3.1	0.83	
74-87-3	Chloromethane	**1.1**	5.0	3.1	0.82	**J**
75-01-4	Vinyl Chloride	1.6	5.1	1.6	0.54	**U**
106-99-0	1,3-Butadiene	3.1	5.0	3.1	0.84	**U**
75-00-3	Chloroethane	3.1	5.0	3.1	0.63	**U**
64-17-5	Ethanol	**6.7**	51	7.9	3.5	**J, B**
67-64-1	Acetone	**20**	50	26	11	**J**
75-69-4	Trichlorofluoromethane	**13**	4.9	3.1	0.77	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.9**	9.6	6.0	2.1	**J**
75-09-2	Methylene Chloride	3.1	5.0	3.1	1.4	**U**
76-13-1	Trichlorotrifluoroethane	**130**	5.1	1.6	0.73	
75-15-0	Carbon Disulfide	**12**	9.6	5.2	1.5	
75-34-3	1,1-Dichloroethane	3.2	5.2	3.2	0.74	**U**
78-93-3	2-Butanone (MEK)	**6.3**	9.6	3.1	1.1	**J**
141-78-6	Ethyl Acetate	6.2	9.6	6.2	2.7	**U**
110-54-3	n-Hexane	**36**	5.0	3.1	1.1	
67-66-3	Chloroform	**8.4**	5.1	1.6	0.68	
109-99-9	Tetrahydrofuran (THF)	**1.5**	9.6	1.6	0.64	**J**
107-06-2	1,2-Dichloroethane	1.6	5.0	1.6	0.56	**U**
71-43-2	Benzene	**92**	5.0	1.6	0.74	
56-23-5	Carbon Tetrachloride	**61**	4.9	1.6	0.71	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV06-302-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-018

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00926

Initial Pressure (psig): -2.54 Final Pressure (psig): 8.52

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**240**	9.6	3.2	1.4	
75-27-4	Bromodichloromethane	1.6	5.0	1.6	0.74	**U**
79-01-6	Trichloroethene	**0.74**	4.9	1.6	0.69	**J**
123-91-1	1,4-Dioxane	1.6	5.0	1.6	0.60	**U**
142-82-5	n-Heptane	**20**	5.0	3.1	0.81	
108-10-1	4-Methyl-2-pentanone	1.6	9.6	1.6	0.70	**U**
108-88-3	Toluene	**18**	5.0	1.6	0.62	
591-78-6	2-Hexanone	1.6	9.6	1.6	0.63	**U**
124-48-1	Dibromochloromethane	1.6	5.0	1.6	0.67	**U**
106-93-4	1,2-Dibromoethane	**1.3**	5.0	1.6	0.59	**J**
127-18-4	Tetrachloroethene	**1.7**	5.0	1.6	0.66	**J**
100-41-4	Ethylbenzene	**2.4**	5.0	1.6	0.72	**J**
179601-23-1	m,p-Xylenes	**11**	9.6	3.2	1.3	
75-25-2	Bromoform	3.1	5.1	3.1	1.1	**U**
100-42-5	Styrene	3.1	5.0	3.1	0.82	**U**
95-47-6	o-Xylene	**7.1**	5.1	1.6	0.74	
108-67-8	1,3,5-Trimethylbenzene	**2.3**	5.1	1.6	0.74	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.1**	5.0	1.6	0.71	
120-82-1	1,2,4-Trichlorobenzene	3.1	9.6	3.1	1.2	**U**
91-20-3	Naphthalene	3.0	5.0	3.0	1.2	**U**
1330-20-7	Xylenes, Total	**18**	9.6	3.2	1.3	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV07-050-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-019
Test Code:	EPA TO-15	Date Collected:	4/21/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan/Topacio Zavala	Date Analyzed:	5/14 - 5/15/21
Sampling Media:	1.0 L Summa Canister	Volume(s) Analyzed:	0.00040 Liter(s)
Test Notes:			0.00013 Liter(s)
Container ID:	1SC00970		

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.75

Container Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1,500**	2,200	1,300	540	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,300	2,200	1,300	360	**U**
74-87-3	Chloromethane	1,300	2,200	1,300	360	**U**
75-01-4	Vinyl Chloride	710	2,200	710	240	**U**
106-99-0	1,3-Butadiene	1,300	2,200	1,300	370	**U**
75-00-3	Chloroethane	1,300	2,200	1,300	280	**U**
64-17-5	Ethanol	3,500	22,000	3,500	1,500	**U**
67-64-1	Acetone	11,000	22,000	11,000	5,000	**U**
75-69-4	Trichlorofluoromethane	1,300	2,100	1,300	340	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,600	4,200	2,600	920	**U**
75-09-2	Methylene Chloride	1,300	2,200	1,300	630	**U**
76-13-1	Trichlorotrifluoroethane	710	2,200	710	320	**U**
75-15-0	Carbon Disulfide	2,300	4,200	2,300	670	**U**
75-34-3	1,1-Dichloroethane	1,400	2,300	1,400	330	**U**
78-93-3	2-Butanone (MEK)	1,300	4,200	1,300	460	**U**
141-78-6	Ethyl Acetate	2,700	4,200	2,700	1,200	**U**
110-54-3	n-Hexane	**580,000**	6,700	4,100	1,400	**D**
67-66-3	Chloroform	710	2,200	710	300	**U**
109-99-9	Tetrahydrofuran (THF)	710	4,200	710	280	**U**
107-06-2	1,2-Dichloroethane	710	2,200	710	250	**U**
71-43-2	Benzene	**31,000**	2,200	710	320	
56-23-5	Carbon Tetrachloride	710	2,100	710	310	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-019

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00040 Liter(s)
Test Notes: 0.00013 Liter(s)
Container ID: 1SC00970

Initial Pressure (psig): -2.46 Final Pressure (psig): 5.75

Container Dilution Factor: 1.67

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**500,000**		4,200	1,400	630	
75-27-4	Bromodichloromethane		710	2,200	710	320	**U**
79-01-6	Trichloroethene		710	2,100	710	300	**U**
123-91-1	1,4-Dioxane		710	2,200	710	260	**U**
142-82-5	n-Heptane	**450,000**		6,700	4,100	1,100	**D**
108-10-1	4-Methyl-2-pentanone		710	4,200	710	300	**U**
108-88-3	Toluene	**39,000**		2,200	710	270	
591-78-6	2-Hexanone		710	4,200	710	280	**U**
124-48-1	Dibromochloromethane		710	2,200	710	290	**U**
106-93-4	1,2-Dibromoethane		710	2,200	710	260	**U**
127-18-4	Tetrachloroethene		710	2,200	710	290	**U**
100-41-4	Ethylbenzene	**2,400**		2,200	710	310	
179601-23-1	m,p-Xylenes	**4,100**		4,200	1,400	580	**J**
75-25-2	Bromoform		1,300	2,200	1,300	460	**U**
100-42-5	Styrene		1,300	2,200	1,300	360	**U**
95-47-6	o-Xylene	**1,000**		2,200	710	320	**J**
108-67-8	1,3,5-Trimethylbenzene		710	2,200	710	320	**U**
95-63-6	1,2,4-Trimethylbenzene		710	2,200	710	310	**U**
120-82-1	1,2,4-Trichlorobenzene		1,300	4,200	1,300	540	**U**
91-20-3	Naphthalene		1,300	2,200	1,300	540	**U**
1330-20-7	Xylenes, Total	**5,100**		4,200	1,400	580	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV07-100-212**	ALS Project ID:	P2102357
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102357-020
Test Code:	EPA TO-15	Date Collected:	4/21/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan/Topacio Zavala	Date Analyzed:	5/14 - 5/15/21
Sampling Media:	1.0 L Summa Canister	Volume(s) Analyzed:	0.00060 Liter(s)
Test Notes:			0.00020 Liter(s)
Container ID:	1SC00768		

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.22

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	990	1,600	990	400	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	990	1,600	990	270	**U**
74-87-3	Chloromethane	990	1,600	990	270	**U**
75-01-4	Vinyl Chloride	530	1,600	530	180	**U**
106-99-0	1,3-Butadiene	990	1,600	990	270	**U**
75-00-3	Chloroethane	990	1,600	990	200	**U**
64-17-5	Ethanol	2,600	16,000	2,600	1,100	**U**
67-64-1	Acetone	8,400	16,000	8,400	3,700	**U**
75-69-4	Trichlorofluoromethane	990	1,600	990	250	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,000	3,100	2,000	680	**U**
75-09-2	Methylene Chloride	990	1,600	990	470	**U**
76-13-1	Trichlorotrifluoroethane	530	1,600	530	240	**U**
75-15-0	Carbon Disulfide	1,700	3,100	1,700	500	**U**
75-34-3	1,1-Dichloroethane	1,000	1,700	1,000	240	**U**
78-93-3	2-Butanone (MEK)	990	3,100	990	340	**U**
141-78-6	Ethyl Acetate	2,000	3,100	2,000	870	**U**
110-54-3	n-Hexane	**410,000**	4,800	3,000	1,000	**D**
67-66-3	Chloroform	530	1,600	530	220	**U**
109-99-9	Tetrahydrofuran (THF)	530	3,100	530	210	**U**
107-06-2	1,2-Dichloroethane	530	1,600	530	180	**U**
71-43-2	Benzene	**39,000**	1,600	530	240	
56-23-5	Carbon Tetrachloride	530	1,600	530	230	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-020

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00768

Initial Pressure (psig): -3.98 Final Pressure (psig): 5.22

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**470,000**	3,100	1,100	470	
75-27-4	Bromodichloromethane	530	1,600	530	240	**U**
79-01-6	Trichloroethene	530	1,600	530	220	**U**
123-91-1	1,4-Dioxane	530	1,600	530	200	**U**
142-82-5	n-Heptane	**310,000**	1,600	990	260	
108-10-1	4-Methyl-2-pentanone	530	3,100	530	230	**U**
108-88-3	Toluene	**39,000**	1,600	530	200	
591-78-6	2-Hexanone	530	3,100	530	200	**U**
124-48-1	Dibromochloromethane	530	1,600	530	220	**U**
106-93-4	1,2-Dibromoethane	530	1,600	530	190	**U**
127-18-4	Tetrachloroethene	530	1,600	530	210	**U**
100-41-4	Ethylbenzene	**680**	1,600	530	230	**J**
179601-23-1	m,p-Xylenes	**4,200**	3,100	1,100	430	
75-25-2	Bromoform	990	1,600	990	340	**U**
100-42-5	Styrene	990	1,600	990	270	**U**
95-47-6	o-Xylene	**1,200**	1,600	530	240	**J**
108-67-8	1,3,5-Trimethylbenzene	530	1,600	530	240	**U**
95-63-6	1,2,4-Trimethylbenzene	530	1,600	530	230	**U**
120-82-1	1,2,4-Trichlorobenzene	990	3,100	990	400	**U**
91-20-3	Naphthalene	960	1,600	960	400	**U**
1330-20-7	Xylenes, Total	**5,400**	3,100	1,100	430	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-021

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01216

Initial Pressure (psig): -3.00 Final Pressure (psig): 5.58

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.4**	2.2	1.4	0.56	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.8**	2.2	1.4	0.38	
74-87-3	Chloromethane	1.4	2.2	1.4	0.37	**U**
75-01-4	Vinyl Chloride	0.74	2.3	0.74	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.29	**U**
64-17-5	Ethanol	**6.1**	23	3.6	1.6	**J, B**
67-64-1	Acetone	**9.8**	22	12	5.2	**J**
75-69-4	Trichlorofluoromethane	**5.1**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	2.7	4.3	2.7	0.95	**U**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.65	**U**
76-13-1	Trichlorotrifluoroethane	**36**	2.3	0.74	0.33	
75-15-0	Carbon Disulfide	2.3	4.3	2.3	0.69	**U**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**2.2**	4.3	1.4	0.48	**J**
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**60**	2.2	1.4	0.48	
67-66-3	Chloroform	0.74	2.3	0.74	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	**0.51**	4.3	0.74	0.29	**J**
107-06-2	1,2-Dichloroethane	0.74	2.2	0.74	0.26	**U**
71-43-2	Benzene	**10**	2.2	0.74	0.33	
56-23-5	Carbon Tetrachloride	**7.9**	2.2	0.74	0.32	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV07-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-021

Test Code: EPA TO-15 Date Collected: 4/21/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01216

Initial Pressure (psig): -3.00 Final Pressure (psig): 5.58

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**47**	4.3	1.5	0.65	
75-27-4	Bromodichloromethane	0.74	2.2	0.74	0.33	**U**
79-01-6	Trichloroethene	**1.8**	2.2	0.74	0.31	**J**
123-91-1	1,4-Dioxane	0.74	2.2	0.74	0.27	**U**
142-82-5	n-Heptane	**130**	2.2	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.74	4.3	0.74	0.32	**U**
108-88-3	Toluene	**35**	2.2	0.74	0.28	
591-78-6	2-Hexanone	0.74	4.3	0.74	0.29	**U**
124-48-1	Dibromochloromethane	0.74	2.2	0.74	0.30	**U**
106-93-4	1,2-Dibromoethane	0.74	2.2	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**1.0**	2.2	0.74	0.30	**J**
100-41-4	Ethylbenzene	**2.6**	2.2	0.74	0.32	
179601-23-1	m,p-Xylenes	**13**	4.3	1.5	0.61	
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**3.9**	2.3	0.74	0.33	
108-67-8	1,3,5-Trimethylbenzene	**1.3**	2.3	0.74	0.33	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.7**	2.2	0.74	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**2.0**	2.2	1.3	0.56	**J**
1330-20-7	Xylenes, Total	**17**	4.3	1.5	0.61	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes: 0.000030 Liter(s)
Container ID: 1SS01279

Initial Pressure (psig): -4.26 Final Pressure (psig): 5.30

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**11,000**		17,000	10,000	4,200	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)		10,000	17,000	10,000	2,800	**U**
74-87-3	Chloromethane		10,000	17,000	10,000	2,800	**U**
75-01-4	Vinyl Chloride		5,400	17,000	5,400	1,800	**U**
106-99-0	1,3-Butadiene		10,000	17,000	10,000	2,800	**U**
75-00-3	Chloroethane		10,000	17,000	10,000	2,100	**U**
64-17-5	Ethanol	**38,000**		170,000	27,000	12,000	**J**
67-64-1	Acetone	**1,700,000**		170,000	86,000	38,000	
75-69-4	Trichlorofluoromethane		10,000	16,000	10,000	2,600	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**150,000**		32,000	20,000	7,000	
75-09-2	Methylene Chloride		10,000	17,000	10,000	4,800	**U**
76-13-1	Trichlorotrifluoroethane		5,400	17,000	5,400	2,400	**U**
75-15-0	Carbon Disulfide		17,000	32,000	17,000	5,100	**U**
75-34-3	1,1-Dichloroethane		11,000	17,000	11,000	2,500	**U**
78-93-3	2-Butanone (MEK)	**320,000**		32,000	10,000	3,500	
141-78-6	Ethyl Acetate		21,000	32,000	21,000	9,000	**U**
110-54-3	n-Hexane	**3,300,000**		17,000	10,000	3,500	
67-66-3	Chloroform		5,400	17,000	5,400	2,300	**U**
109-99-9	Tetrahydrofuran (THF)		5,400	32,000	5,400	2,100	**U**
107-06-2	1,2-Dichloroethane		5,400	17,000	5,400	1,900	**U**
71-43-2	Benzene	**1,200,000**		17,000	5,400	2,500	
56-23-5	Carbon Tetrachloride		5,400	16,000	5,400	2,400	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-050-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-022

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.000060 Liter(s)
Test Notes: 0.000030 Liter(s)
Container ID: 1SS01279

Initial Pressure (psig): -4.26 Final Pressure (psig): 5.30

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4,400,000**		32,000	11,000	4,800	
75-27-4	Bromodichloromethane		5,400	17,000	5,400	2,500	**U**
79-01-6	Trichloroethene		5,400	16,000	5,400	2,300	**U**
123-91-1	1,4-Dioxane		5,400	17,000	5,400	2,000	**U**
142-82-5	n-Heptane	**5,500,000**		33,000	20,000	5,400	**D**
108-10-1	4-Methyl-2-pentanone	**28,000**		32,000	5,400	2,300	**J**
108-88-3	Toluene	**4,000,000**		33,000	11,000	4,200	**D**
591-78-6	2-Hexanone		5,400	32,000	5,400	2,100	**U**
124-48-1	Dibromochloromethane		5,400	17,000	5,400	2,200	**U**
106-93-4	1,2-Dibromoethane	**40,000**		17,000	5,400	2,000	
127-18-4	Tetrachloroethene		5,400	17,000	5,400	2,200	**U**
100-41-4	Ethylbenzene	**280,000**		17,000	5,400	2,400	
179601-23-1	m,p-Xylenes	**660,000**		32,000	11,000	4,500	
75-25-2	Bromoform		10,000	17,000	10,000	3,500	**U**
100-42-5	Styrene		10,000	17,000	10,000	2,800	**U**
95-47-6	o-Xylene	**170,000**		17,000	5,400	2,500	
108-67-8	1,3,5-Trimethylbenzene	**11,000**		17,000	5,400	2,500	**J**
95-63-6	1,2,4-Trimethylbenzene	**20,000**		17,000	5,400	2,400	
120-82-1	1,2,4-Trichlorobenzene		10,000	32,000	10,000	4,200	**U**
91-20-3	Naphthalene		9,900	17,000	9,900	4,200	**U**
1330-20-7	Xylenes, Total	**830,000**		32,000	11,000	4,500	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.46 Final Pressure (psig): 6.72

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**9,000**		1,500	930	380	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)		930	1,500	930	250	**U**
74-87-3	Chloromethane		930	1,500	930	250	**U**
75-01-4	Vinyl Chloride		500	1,500	500	170	**U**
106-99-0	1,3-Butadiene		930	1,500	930	260	**U**
75-00-3	Chloroethane		930	1,500	930	190	**U**
64-17-5	Ethanol		2,400	15,000	2,400	1,100	**U**
67-64-1	Acetone	**44,000**		15,000	7,900	3,500	
75-69-4	Trichlorofluoromethane		930	1,500	930	240	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**840**		2,900	1,800	640	**J**
75-09-2	Methylene Chloride		930	1,500	930	440	**U**
76-13-1	Trichlorotrifluoroethane		500	1,500	500	220	**U**
75-15-0	Carbon Disulfide		1,600	2,900	1,600	470	**U**
75-34-3	1,1-Dichloroethane		960	1,600	960	230	**U**
78-93-3	2-Butanone (MEK)	**4,200**		2,900	930	320	
141-78-6	Ethyl Acetate		1,900	2,900	1,900	820	**U**
110-54-3	n-Hexane	**340,000**		4,600	2,800	960	**D**
67-66-3	Chloroform		500	1,500	500	210	**U**
109-99-9	Tetrahydrofuran (THF)		500	2,900	500	200	**U**
107-06-2	1,2-Dichloroethane		500	1,500	500	170	**U**
71-43-2	Benzene	**140,000**		1,500	500	220	
56-23-5	Carbon Tetrachloride		500	1,500	500	220	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-100-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-023

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes: 0.00020 Liter(s)
Container ID: 1SC00510

Initial Pressure (psig): -2.46 Final Pressure (psig): 6.72

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**440,000**		2,900	990	440	
75-27-4	Bromodichloromethane		500	1,500	500	220	**U**
79-01-6	Trichloroethene		500	1,500	500	210	**U**
123-91-1	1,4-Dioxane		500	1,500	500	180	**U**
142-82-5	n-Heptane	**380,000**		4,600	2,800	740	**D**
108-10-1	4-Methyl-2-pentanone		500	2,900	500	210	**U**
108-88-3	Toluene	**280,000**		1,500	500	190	
591-78-6	2-Hexanone		500	2,900	500	190	**U**
124-48-1	Dibromochloromethane		500	1,500	500	200	**U**
106-93-4	1,2-Dibromoethane	**2,100**		1,500	500	180	
127-18-4	Tetrachloroethene		500	1,500	500	200	**U**
100-41-4	Ethylbenzene	**12,000**		1,500	500	220	
179601-23-1	m,p-Xylenes	**34,000**		2,900	990	410	
75-25-2	Bromoform		930	1,500	930	320	**U**
100-42-5	Styrene		930	1,500	930	250	**U**
95-47-6	o-Xylene	**8,100**		1,500	500	220	
108-67-8	1,3,5-Trimethylbenzene	**450**		1,500	500	220	**J**
95-63-6	1,2,4-Trimethylbenzene	**760**		1,500	500	220	**J**
120-82-1	1,2,4-Trichlorobenzene		930	2,900	930	380	**U**
91-20-3	Naphthalene		900	1,500	900	380	**U**
1330-20-7	Xylenes, Total	**42,000**		2,900	990	410	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21 & 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC01068

Initial Pressure (psig): -3.93 Final Pressure (psig): 5.97

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5,000**	500	310	120	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	310	500	310	84	**U**
74-87-3	Chloromethane	310	500	310	83	**U**
75-01-4	Vinyl Chloride	160	510	160	55	**U**
106-99-0	1,3-Butadiene	310	500	310	84	**U**
75-00-3	Chloroethane	310	500	310	63	**U**
64-17-5	Ethanol	**4,700**	5,100	800	360	**J**
67-64-1	Acetone	**97,000**	5,000	2,600	1,200	
75-69-4	Trichlorofluoromethane	310	490	310	78	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,900**	960	600	210	
75-09-2	Methylene Chloride	**280**	500	310	140	**J**
76-13-1	Trichlorotrifluoroethane	**130**	510	160	73	**J**
75-15-0	Carbon Disulfide	520	960	520	150	**U**
75-34-3	1,1-Dichloroethane	320	520	320	75	**U**
78-93-3	2-Butanone (MEK)	**10,000**	960	310	110	
141-78-6	Ethyl Acetate	620	960	620	270	**U**
110-54-3	n-Hexane	**130,000**	2,000	1,200	420	**D**
67-66-3	Chloroform	160	510	160	68	**U**
109-99-9	Tetrahydrofuran (THF)	160	960	160	64	**U**
107-06-2	1,2-Dichloroethane	160	500	160	57	**U**
71-43-2	Benzene	**43,000**	500	160	74	
56-23-5	Carbon Tetrachloride	160	490	160	71	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-150-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-024

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21 & 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SC01068

Initial Pressure (psig): -3.93 Final Pressure (psig): 5.97

Container Dilution Factor: 1.92

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**120,000**		960	330	140	
75-27-4	Bromodichloromethane		160	500	160	74	**U**
79-01-6	Trichloroethene		160	490	160	69	**U**
123-91-1	1,4-Dioxane		160	500	160	60	**U**
142-82-5	n-Heptane	**130,000**		2,000	1,200	330	**D**
108-10-1	4-Methyl-2-pentanone	**550**		960	160	70	**J**
108-88-3	Toluene	**85,000**		500	160	62	
591-78-6	2-Hexanone		160	960	160	63	**U**
124-48-1	Dibromochloromethane		160	500	160	67	**U**
106-93-4	1,2-Dibromoethane	**620**		500	160	60	
127-18-4	Tetrachloroethene	**85**		500	160	66	**J**
100-41-4	Ethylbenzene	**7,500**		500	160	72	
179601-23-1	m,p-Xylenes	**20,000**		960	330	130	
75-25-2	Bromoform		310	510	310	110	**U**
100-42-5	Styrene		310	500	310	83	**U**
95-47-6	o-Xylene	**5,600**		510	160	74	
108-67-8	1,3,5-Trimethylbenzene	**950**		510	160	74	
95-63-6	1,2,4-Trimethylbenzene	**2,100**		500	160	71	
120-82-1	1,2,4-Trichlorobenzene		310	960	310	120	**U**
91-20-3	Naphthalene		300	500	300	120	**U**
1330-20-7	Xylenes, Total	**26,000**		960	330	130	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	**0.17**	1.0	0.32	0.13	**J**
91-20-3	Naphthalene	**0.14**	0.52	0.31	0.13	**J, V**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	**0.57**	5.3	0.83	0.37	**J**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	**0.38**	5.3	0.83	0.37	**J**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102357

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/19 - 4/21/21
Analyst: Lusine Hakobyan/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/13 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210513-MB	**92**	**104**	**119**	70-130	
Method Blank	P210514-MB	**117**	**87**	**84**	70-130	
Method Blank	P210515-MB	**123**	**85**	**77**	70-130	
Method Blank	P210519-MB	**93**	**109**	**105**	70-130	
Lab Control Sample	P210513-LCS	**92**	**101**	**120**	70-130	
Lab Control Sample	P210514-LCS	**117**	**85**	**83**	70-130	
Lab Control Sample	P210515-LCS	**121**	**82**	**81**	70-130	
Lab Control Sample	P210519-LCS	**93**	**108**	**106**	70-130	
Duplicate Lab Control Sample	P210513-DLCS	**92**	**102**	**120**	70-130	
Duplicate Lab Control Sample	P210514-DLCS	**114**	**85**	**85**	70-130	
Duplicate Lab Control Sample	P210515-DLCS	**118**	**82**	**81**	70-130	
Duplicate Lab Control Sample	P210519-DLCS	**93**	**109**	**107**	70-130	
SV01-050-212	P2102357-001	**91**	**104**	**124**	70-130	
SV01-100-212	P2102357-002	**92**	**102**	**119**	70-130	
SV01-250-212	P2102357-003	**91**	**100**	**119**	70-130	
SV01-300-212	P2102357-004	**92**	**89**	**116**	70-130	
SV02-050-212	P2102357-005	**94**	**101**	**124**	70-130	
SV02-100-212	P2102357-006	**91**	**83**	**120**	70-130	
SV02-150-612	P2102357-007	**91**	**93**	**122**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102357

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/19 - 4/21/21
Analyst: Lusine Hakobyan/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 5/13 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
SV02-150-212	P2102357-008	**91**	**94**	**121**	70-130	
SV05-050-612	P2102357-009	**90**	**103**	**124**	70-130	
SV05-050-212	P2102357-010	**90**	**103**	**123**	70-130	
SV05-100-212	P2102357-011	**95**	**81**	**101**	70-130	
SV05-230-212	P2102357-012	**117**	**85**	**85**	70-130	
SV05-230-212	P2102357-012DUP	**117**	**85**	**85**	70-130	
SV05-290-212	P2102357-013	**91**	**93**	**115**	70-130	
SV05-290-212	P2102357-013DUP	**91**	**97**	**119**	70-130	
SV06-050-212	P2102357-014	**90**	**105**	**123**	70-130	
SV06-100-612	P2102357-015	**90**	**106**	**124**	70-130	
SV06-100-212	P2102357-016	**90**	**105**	**124**	70-130	
SV06-252-212	P2102357-017	**119**	**86**	**82**	70-130	
SV06-302-212	P2102357-018	**126**	**76**	**72**	70-130	
SV07-050-212	P2102357-019	**119**	**86**	**82**	70-130	
SV07-100-212	P2102357-020	**119**	**84**	**84**	70-130	
SV07-150-212	P2102357-021	**126**	**83**	**80**	70-130	
SV10-050-212	P2102357-022	**122**	**86**	**82**	70-130	
SV10-100-212	P2102357-023	**119**	**86**	**82**	70-130	
SV10-150-212	P2102357-024	**121**	**85**	**82**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	167	171	**80**	**81**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	178	178	**85**	**85**	59-128	0	25	
74-87-3	Chloromethane	206	148	149	**72**	**72**	59-132	0	25	
75-01-4	Vinyl Chloride	208	159	164	**76**	**79**	64-127	4	25	
106-99-0	1,3-Butadiene	210	177	182	**84**	**87**	66-134	4	25	
75-00-3	Chloroethane	204	168	169	**82**	**83**	63-127	1	25	
64-17-5	Ethanol	998	690	700	**69**	**70**	59-125	1	25	
67-64-1	Acetone	1,030	815	822	**79**	**80**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	182	181	**89**	**89**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	317	313	**78**	**77**	52-125	1	25	
75-09-2	Methylene Chloride	208	182	183	**88**	**88**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	203	201	**95**	**94**	66-126	1	25	
75-15-0	Carbon Disulfide	428	375	376	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	175	174	**83**	**82**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	385	387	**93**	**94**	67-130	1	25	
141-78-6	Ethyl Acetate	422	477	481	**113**	**114**	65-128	0.9	25	
110-54-3	n-Hexane	212	156	156	**74**	**74**	63-120	0	25	
67-66-3	Chloroform	214	183	183	**86**	**86**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	335	336	**84**	**84**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	183	183	**88**	**88**	65-128	0	25	
71-43-2	Benzene	204	181	180	**89**	**88**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	204	203	**97**	**97**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210513-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	372	370	**89**	**89**	70-117	0	25	
75-27-4	Bromodichloromethane	210	201	199	**96**	**95**	72-128	1	25	
79-01-6	Trichloroethene	206	199	199	**97**	**97**	71-123	0	25	
123-91-1	1,4-Dioxane	208	202	201	**97**	**97**	71-122	0	25	
142-82-5	n-Heptane	210	184	184	**88**	**88**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	378	376	**91**	**90**	67-130	1	25	
108-88-3	Toluene	206	198	200	**96**	**97**	66-119	1	25	
591-78-6	2-Hexanone	404	379	382	**94**	**95**	62-128	1	25	
124-48-1	Dibromochloromethane	210	238	237	**113**	**113**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	221	222	**106**	**107**	74-122	0.9	25	
127-18-4	Tetrachloroethene	206	224	224	**109**	**109**	66-124	0	25	
100-41-4	Ethylbenzene	206	203	203	**99**	**99**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	406	408	**99**	**99**	61-134	0	25	
75-25-2	Bromoform	208	258	258	**124**	**124**	66-139	0	25	
100-42-5	Styrene	206	224	224	**109**	**109**	73-127	0	25	
95-47-6	o-Xylene	206	202	202	**98**	**98**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	212	212	**103**	**103**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	210	210	**103**	**103**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	480	485	**124**	**125**	55-142	0.8	25	
91-20-3	Naphthalene	198	258	262	**130**	**132**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	272	262	**130**	**125**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	218	213	**104**	**101**	59-128	3	25	
74-87-3	Chloromethane	206	227	224	**110**	**109**	59-132	0.9	25	
75-01-4	Vinyl Chloride	208	246	241	**118**	**116**	64-127	2	25	
106-99-0	1,3-Butadiene	210	284	276	**135**	**131**	66-134	3	25	**L**
75-00-3	Chloroethane	204	206	208	**101**	**102**	63-127	1	25	
64-17-5	Ethanol	998	1060	1030	**106**	**103**	59-125	3	25	
67-64-1	Acetone	1,030	1180	1140	**115**	**111**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	213	208	**104**	**102**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	442	431	**108**	**106**	52-125	2	25	
75-09-2	Methylene Chloride	208	213	209	**102**	**100**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	197	194	**92**	**91**	66-126	1	25	
75-15-0	Carbon Disulfide	428	465	454	**109**	**106**	57-134	3	25	
75-34-3	1,1-Dichloroethane	212	225	220	**106**	**104**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	495	482	**120**	**117**	67-130	3	25	
141-78-6	Ethyl Acetate	422	783	757	**186**	**179**	65-128	4	25	**L**
110-54-3	n-Hexane	212	248	240	**117**	**113**	63-120	3	25	
67-66-3	Chloroform	214	226	219	**106**	**102**	68-123	4	25	
109-99-9	Tetrahydrofuran (THF)	400	428	416	**107**	**104**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	239	232	**115**	**112**	65-128	3	25	
71-43-2	Benzene	204	207	205	**101**	**100**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	219	216	**104**	**103**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	448	441	**108**	**106**	70-117	2	25	
75-27-4	Bromodichloromethane	210	235	233	**112**	**111**	72-128	0.9	25	
79-01-6	Trichloroethene	206	201	198	**98**	**96**	71-123	2	25	
123-91-1	1,4-Dioxane	208	232	228	**112**	**110**	71-122	2	25	
142-82-5	n-Heptane	210	226	221	**108**	**105**	69-123	3	25	
108-10-1	4-Methyl-2-pentanone	416	523	509	**126**	**122**	67-130	3	25	
108-88-3	Toluene	206	175	172	**85**	**83**	66-119	2	25	
591-78-6	2-Hexanone	404	445	432	**110**	**107**	62-128	3	25	
124-48-1	Dibromochloromethane	210	190	187	**90**	**89**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	186	183	**89**	**88**	74-122	1	25	
127-18-4	Tetrachloroethene	206	165	162	**80**	**79**	66-124	1	25	
100-41-4	Ethylbenzene	206	182	178	**88**	**86**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	367	359	**89**	**87**	61-134	2	25	
75-25-2	Bromoform	208	199	195	**96**	**94**	66-139	2	25	
100-42-5	Styrene	206	193	189	**94**	**92**	73-127	2	25	
95-47-6	o-Xylene	206	185	181	**90**	**88**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	185	181	**90**	**88**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	198	192	**97**	**94**	66-132	3	25	
120-82-1	1,2,4-Trichlorobenzene	388	395	384	**102**	**99**	55-142	3	25	
91-20-3	Naphthalene	198	214	209	**108**	**106**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	284	274	**135**	**130**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	211	220	**100**	**105**	59-128	5	25	
74-87-3	Chloromethane	206	217	225	**105**	**109**	59-132	4	25	
75-01-4	Vinyl Chloride	208	255	247	**123**	**119**	64-127	3	25	
106-99-0	1,3-Butadiene	210	297	284	**141**	**135**	66-134	4	25	**L**
75-00-3	Chloroethane	204	182	207	**89**	**101**	63-127	13	25	
64-17-5	Ethanol	998	1050	1050	**105**	**105**	59-125	0	25	
67-64-1	Acetone	1,030	1200	1160	**117**	**113**	58-128	3	25	
75-69-4	Trichlorofluoromethane	204	210	210	**103**	**103**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	434	433	**106**	**106**	52-125	0	25	
75-09-2	Methylene Chloride	208	213	208	**102**	**100**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	214	196	194	**92**	**91**	66-126	1	25	
75-15-0	Carbon Disulfide	428	468	459	**109**	**107**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	220	221	**104**	**104**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	497	487	**121**	**118**	67-130	3	25	
141-78-6	Ethyl Acetate	422	808	774	**191**	**183**	65-128	4	25	**L**
110-54-3	n-Hexane	212	256	245	**121**	**116**	63-120	4	25	**L**
67-66-3	Chloroform	214	229	222	**107**	**104**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	400	429	419	**107**	**105**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	246	238	**118**	**114**	65-128	3	25	
71-43-2	Benzene	204	205	203	**100**	**100**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	217	214	**103**	**102**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	444	436	**107**	**105**	70-117	2	25	
75-27-4	Bromodichloromethane	210	237	232	**113**	**110**	72-128	3	25	
79-01-6	Trichloroethene	206	197	196	**96**	**95**	71-123	1	25	
123-91-1	1,4-Dioxane	208	228	225	**110**	**108**	71-122	2	25	
142-82-5	n-Heptane	210	223	221	**106**	**105**	69-123	0.9	25	
108-10-1	4-Methyl-2-pentanone	416	522	511	**125**	**123**	67-130	2	25	
108-88-3	Toluene	206	167	167	**81**	**81**	66-119	0	25	
591-78-6	2-Hexanone	404	435	427	**108**	**106**	62-128	2	25	
124-48-1	Dibromochloromethane	210	182	180	**87**	**86**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	177	176	**85**	**85**	74-122	0	25	
127-18-4	Tetrachloroethene	206	156	156	**76**	**76**	66-124	0	25	
100-41-4	Ethylbenzene	206	175	173	**85**	**84**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	353	348	**86**	**84**	61-134	2	25	
75-25-2	Bromoform	208	189	187	**91**	**90**	66-139	1	25	
100-42-5	Styrene	206	184	182	**89**	**88**	73-127	1	25	
95-47-6	o-Xylene	206	178	175	**86**	**85**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	177	174	**86**	**84**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	190	186	**93**	**91**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	373	368	**96**	**95**	55-142	1	25	
91-20-3	Naphthalene	198	201	201	**102**	**102**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	201	202	**96**	**96**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	192	191	**91**	**91**	59-128	0	25	
74-87-3	Chloromethane	206	168	166	**82**	**81**	59-132	1	25	
75-01-4	Vinyl Chloride	208	198	199	**95**	**96**	64-127	1	25	
106-99-0	1,3-Butadiene	210	193	193	**92**	**92**	66-134	0	25	
75-00-3	Chloroethane	204	203	206	**100**	**101**	63-127	1	25	
64-17-5	Ethanol	998	882	889	**88**	**89**	59-125	1	25	
67-64-1	Acetone	1,030	938	944	**91**	**92**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	186	187	**91**	**92**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	355	353	**87**	**87**	52-125	0	25	
75-09-2	Methylene Chloride	208	209	211	**100**	**101**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	205	208	**96**	**97**	66-126	1	25	
75-15-0	Carbon Disulfide	428	433	439	**101**	**103**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	204	206	**96**	**97**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	449	458	**109**	**111**	67-130	2	25	
141-78-6	Ethyl Acetate	422	557	564	**132**	**134**	65-128	2	25	**L**
110-54-3	n-Hexane	212	195	196	**92**	**92**	63-120	0	25	
67-66-3	Chloroform	214	201	203	**94**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	402	408	**101**	**102**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	191	193	**92**	**93**	65-128	1	25	
71-43-2	Benzene	204	199	200	**98**	**98**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	190	190	**90**	**90**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	411	413	**99**	**99**	70-117	0	25	
75-27-4	Bromodichloromethane	210	200	202	**95**	**96**	72-128	1	25	
79-01-6	Trichloroethene	206	199	202	**97**	**98**	71-123	1	25	
123-91-1	1,4-Dioxane	208	221	221	**106**	**106**	71-122	0	25	
142-82-5	n-Heptane	210	209	210	**100**	**100**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	417	419	**100**	**101**	67-130	1	25	
108-88-3	Toluene	206	213	216	**103**	**105**	66-119	2	25	
591-78-6	2-Hexanone	404	434	441	**107**	**109**	62-128	2	25	
124-48-1	Dibromochloromethane	210	228	231	**109**	**110**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	228	233	**110**	**112**	74-122	2	25	
127-18-4	Tetrachloroethene	206	205	208	**100**	**101**	66-124	1	25	
100-41-4	Ethylbenzene	206	217	221	**105**	**107**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	420	429	**102**	**104**	61-134	2	25	
75-25-2	Bromoform	208	235	240	**113**	**115**	66-139	2	25	
100-42-5	Styrene	206	229	234	**111**	**114**	73-127	3	25	
95-47-6	o-Xylene	206	215	219	**104**	**106**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	211	214	**102**	**104**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	209	213	**102**	**104**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	443	451	**114**	**116**	55-142	2	25	
91-20-3	Naphthalene	198	238	242	**120**	**122**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-230-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-012DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01288

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	13,000	13,000	13000	**0**	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	-	-	25	
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	ND	ND	-	-	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	1,000,000	1,000,000	1000000	**0**	25	**D**
Chloroform	ND	ND	-	-	25	
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	5,300	5,200	5250	**2**	25	**J**
Benzene	56,000	54,000	55000	**4**	25	
Carbon Tetrachloride	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-230-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-012DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00015 Liter(s)
Test Notes: 0.000050 Liter(s)
Container ID: 1SS01288

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.85

Container Dilution Factor: 1.74

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	1,200,000	1,200,000	1200000	**0**	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	980,000	940,000	960000	**4**	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	66,000	64,000	65000	**3**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	ND	ND	-	-	25	
Ethylbenzene	2,600	2,500	2550	**4**	25	**J**
m,p-Xylenes	12,000	12,000	12000	**0**	25	
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	5,500	5,300	5400	**4**	25	**J**
1,3,5-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	18,000	17,000	17500	**6**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	32	32	32	**0**	25	
Dichlorodifluoromethane (CFC 12)	24	24	24	**0**	25	**J**
Chloromethane	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	-	-	25	
Chloroethane	ND	ND	-	-	25	
Ethanol	ND	ND	-	-	25	
Acetone	ND	ND	-	-	25	
Trichlorofluoromethane	5.5	5.5	5.5	**0**	25	**J**
2-Propanol (Isopropyl Alcohol)	ND	ND	-	-	25	
Methylene Chloride	ND	ND	-	-	25	
Trichlorotrifluoroethane	800	790	795	**1**	25	
Carbon Disulfide	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	-	-	25	
2-Butanone (MEK)	ND	ND	-	-	25	
Ethyl Acetate	ND	ND	-	-	25	
n-Hexane	5,800	5,700	5750	**2**	25	
Chloroform	ND	ND	-	-	25	
Tetrahydrofuran (THF)	ND	ND	-	-	25	
1,2-Dichloroethane	32	ND	-	-	25	
Benzene	270	260	265	**4**	25	
Carbon Tetrachloride	37	36	36.5	**3**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV05-290-212** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102357-013DUP

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.035 Liter(s)
Test Notes:
Container ID: 1SS01297

Initial Pressure (psig): -4.61 Final Pressure (psig): 5.32

Container Dilution Factor: 1.98

Compound	Sample Result µg/m³	Duplicate Sample Result µg/m³	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Cyclohexane	8,500	8,500	8500	**0**	25	
Bromodichloromethane	ND	ND	-	-	25	
Trichloroethene	ND	ND	-	-	25	
1,4-Dioxane	ND	ND	-	-	25	
n-Heptane	3,100	3,000	3050	**3**	25	
4-Methyl-2-pentanone	ND	ND	-	-	25	
Toluene	88	91	89.5	**3**	25	
2-Hexanone	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	-	-	25	
Tetrachloroethene	12	12	12	**0**	25	**J**
Ethylbenzene	5.5	5.5	5.5	**0**	25	**J**
m,p-Xylenes	40	40	40	**0**	25	**J**
Bromoform	ND	ND	-	-	25	
Styrene	ND	ND	-	-	25	
o-Xylene	48	49	48.5	**2**	25	
1,3,5-Trimethylbenzene	21	21	21	**0**	25	**J**
1,2,4-Trimethylbenzene	5.7	5.6	5.65	**2**	25	**J**
1,2,4-Trichlorobenzene	ND	ND	-	-	25	
Naphthalene	ND	ND	-	-	25	
Xylenes, Total	87	89	88	**2**	25	

ND = Compound was analyzed for, but not detected.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05132101.D
Analyst: Lusine Hakobyan Date Analyzed: 5/13/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 08:40
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	206908		11.22	860677		13.34		111435		17.64	
	Upper Limit	289671		11.55	1204948		13.67		156009		17.97	
	Lower Limit	124145		10.89	516406		13.01		66861		17.31	
	Client Sample ID											
01	Method Blank	187756		11.20	809581		13.32		102902		17.64	
02	Lab Control Sample	191700		11.22	797528		13.34		105064		17.64	
03	Duplicate Lab Control Sample	192889		11.22	805428		13.34		105374		17.64	
04	SV01-100-212	184943		11.20	785206		13.32		101770		17.64	
05	SV01-250-212	186682		11.20	787576		13.32		102649		17.64	
06	SV01-300-212	186117		11.20	786312		13.32		105990		17.64	
07	SV02-050-212	203306		11.20	869990		13.32		112516		17.64	
08	SV01-050-212	187369		11.20	800046		13.32		104528		17.64	
09	SV02-100-212	198225		11.20	830149		13.32		114512		17.64	
10	SV02-150-612	198058		11.20	838212		13.32		112955		17.64	
11	SV02-150-212	198595		11.20	840504		13.32		112919		17.64	
12	SV05-050-612	183762		11.19	788308		13.32		101419		17.64	
13	SV05-050-212	187163		11.20	799479		13.32		103164		17.64	
14	SV05-100-212	188260		11.20	789873		13.32		120288		17.64	
15	SV05-290-212	198264		11.20	834766		13.32		114689		17.64	
16	SV05-290-212 (Lab Duplicate)	198895		11.20	837412		13.32		110396		17.64	
17	SV06-050-212	184755		11.20	792006		13.32		100224		17.64	
18	SV06-100-612	184723		11.20	794679		13.32		99429		17.64	
19	SV06-100-212	188265		11.20	804367		13.32		101208		17.64	
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05142102.D
Analyst: Lusine Hakobyan Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 13:29
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	231681		11.22	1012360		13.34		164900		17.64	
	Upper Limit	324353		11.55	1417304		13.67		230860		17.97	
	Lower Limit	139009		10.89	607416		13.01		98940		17.31	
	Client Sample ID											
01	Method Blank	210704		11.20	932401		13.32		152143		17.64	
02	Lab Control Sample	217525		11.22	960997		13.33		160275		17.64	
03	Duplicate Lab Control Sample	227648		11.22	990690		13.33		165944		17.64	
04	SV02-100-212 (Dilution)	206184		11.20	951489		13.32		162123		17.64	
05	SV06-252-212	214553		11.20	976379		13.32		163990		17.64	
06	SV10-100-212	235539		11.20	1070732		13.32		182503		17.64	
07	SV10-150-212	209607		11.21	951136		13.33		168385		17.64	
08	SV02-150-612 (Dilution)	235909		11.20	1058530		13.32		176011		17.64	
09	SV02-150-212 (Dilution)	237786		11.20	1073298		13.32		182599		17.64	
10	SV05-230-212	238985		11.20	1070741		13.32		183455		17.64	
11	SV05-230-212 (Lab Duplicate)	241539		11.20	1084600		13.32		184714		17.64	
12	SV07-050-212	231195		11.20	1051915		13.32		182357		17.64	
13	SV07-100-212	233594		11.20	1062541		13.32		180531		17.64	
14	SV10-050-212	220385		11.20	1021215		13.32		177945		17.64	
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05152102.D
Analyst: Lusine Hakobyan Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 05:05
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	230168		11.22	1006996		13.33		168688		17.64	
	Upper Limit	322235		11.55	1409794		13.66		236163		17.97	
	Lower Limit	138101		10.89	604198		13.00		101213		17.31	
	Client Sample ID											
01	Method Blank	187117		11.19	840031		13.32		146237		17.64	
02	Lab Control Sample	207437		11.21	930300		13.33		161274		17.64	
03	Duplicate Lab Control Sample	220869		11.21	975384		13.33		167345		17.64	
04	SV05-230-212 (Dilution)	174536		11.20	788215		13.32		156905		17.64	
05	SV05-230-212 (Lab Duplicate - Dilution)	173783		11.19	782584		13.32		156329		17.64	
06	SV06-302-212	159829		11.20	739765		13.32		171706		17.64	
07	SV07-050-212 (Dilution)	202714		11.20	944894		13.33		172121		17.64	
08	SV07-100-212 (Dilution)	194500		11.20	900053		13.32		167293		17.64	
09	SV07-150-212	170197		11.20	772484		13.32		157253		17.64	
10	SV10-050-212 (Dilution)	229888		11.20	1025236		13.32		172864		17.64	
11	SV10-100-212 (Dilution)	233801		11.20	1035108		13.32		175167		17.64	
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102357
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05192101.D
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 05:43
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	279055		11.22	1213020		13.33		298341		17.64	
	Upper Limit	390677		11.55	1698228		13.66		417677		17.97	
	Lower Limit	167433		10.89	727812		13.00		179005		17.31	
	Client Sample ID											
01	Method Blank	265769		11.20	1177113		13.32		290625		17.64	
02	Lab Control Sample	281644		11.22	1216599		13.34		307864		17.64	
03	Duplicate Lab Control Sample	281879		11.22	1222559		13.34		305019		17.64	
04	SV10-150-212 (Dilution)	273839		11.20	1197131		13.32		301309		17.64	
05												
06												
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

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www.alsglobal.com

LABORATORY REPORT

June 1, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 23, 2021. For your reference, these analyses have been assigned our service request number P2102358.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 5:42 pm, Jun 01, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102358
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 23, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Manual integrations were performed on the following sample(s) and analyte(s). Refer to the raw data for additional information.

Sample Identification(s)	Analyte(s)
P2102358-006,007	Propene
P2102358-008,014	Acetone

The minimum criterion for Propene was not met in the Continuing Calibration Verification (CCV) analyzed on May 14, 2021 and May 15, 2021. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analyte of concern was analyzed each day of analysis. The MRL check standard verified that instrument sensitivity was adequate to detect the analyte at the MRL on the day of analysis. Because the sensitivity was shown to be adequate to detect the compound in question and the compound were not detected in the field samples, the data quality is not significantly affected. This procedure is a quantitative confirmation of non-detect results at or below the MRL. No further corrective action was necessary.

The spike recovery of 1,3-butadiene for the Laboratory Control Sample (LCS) analyzed on May, 14, 2021, and the spike recovery of ethyl acetate on May 19, 2021 was outside the DoD upper control criterion. The recovery error equates to a potential high bias. However, the spike recovery of the analyte in question was within the laboratory criteria; therefore, no further corrective action was taken.

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Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102358
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

The spike recovery of Ethyl Acetate in the Laboratory Control Sample (LCS) and laboratory control sample duplicate (LCSD) analyzed on May 17, 2021 was outside the DoD upper control criterion. The recovery error equates to a potential high bias. However, the spike recovery of the analyte in question was within the laboratory criteria; therefore, no further corrective action was taken.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102358
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/23/2021
Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV10-250-212	P2102358-001	Air	4/20/2021	14:15	1SS01304	-1.57	5.65	X
SV11-050-212	P2102358-002	Air	4/20/2021	14:43	1SS01347	-5.06	5.53	X
SV11-100-212	P2102358-003	Air	4/20/2021	14:47	1SS01264	-3.13	5.53	X
SV11-250-212	P2102358-004	Air	4/20/2021	14:49	1SS01266	-3.64	5.55	X
SV11-260-212	P2102358-005	Air	4/20/2021	14:53	1SS01344	-4.35	5.62	X
SV12-150-212	P2102358-006	Air	4/19/2021	09:06	1SS00709	-2.31	5.44	X
SV12-250-212	P2102358-007	Air	4/19/2021	09:09	1SS01269	-3.25	5.38	X
SV12-350-212	P2102358-008	Air	4/19/2021	09:12	1SS01281	-3.32	6.07	X
SV12-450-212	P2102358-009	Air	4/19/2021	09:15	1SS01280	-3.57	5.63	X
SV13-150-212	P2102358-010	Air	4/20/2021	08:25	1SS01240	-3.28	5.50	X
SV13-250-212	P2102358-011	Air	4/20/2021	08:32	1SS01226	-3.14	5.23	X
SV13-350-212	P2102358-012	Air	4/20/2021	08:37	1SS01228	-2.72	5.21	X
SV13-450-212	P2102358-013	Air	4/20/2021	08:41	1SS01272	-4.41	5.64	X
SV15-150-212	P2102358-014	Air	4/19/2021	14:58	1SS01267	-3.57	5.69	X
SV15-250-212	P2102358-015	Air	4/19/2021	15:01	1SS01261	0.00	5.42	X
SV15-350-212	P2102358-016	Air	4/19/2021	15:04	1SS01286	-3.57	5.96	X
SV15-450-212	P2102358-017	Air	4/19/2021	15:07	1SS01287	-4.23	5.93	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
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Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-03**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. PZ102358

Company Name & Address (Reporting Information)	Project Name	ALS Contact:
EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000	Kirtland AFB Bulk Fuels Facilty Project Number: 62735DM02	Hayden Akers 1 (805) 577-2088
Project Manager / Project Chemist: Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143	P.O. # / Billing Information: 17682	**Analysis Method**
Email Address for Result Reporting Tara Lamond: Amanda Smith: Pam Moss:	Sampler (Print & Sign): Tyler Curley	TO-15 Project Specific List

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV10-250-212	1	4/20/2021	14:15	1SS01304	NA	-25.0	-3.0	1L	X	None
SV11-050-212	2	4/20/2021	14:43	1SS01347	NA	-24.5	-6.0	1L	X	None
SV11-100-212	3	4/20/2021	14:47	1SS01264	NA	-25.0	-3.0	1L	X	None
SV11-250-212	4	4/20/2021	14:49	1SS01266	NA	-26.0	-4.0	1L	X	None
SV11-260-212	5	4/20/2021	14:53	1SS01344	NA	-24.5	-5.0	1L	X	None
SV12-150-212	6	4/19/2021	09:06	1SS00709	NA	-27.0	-2.0	1L	X	None
SV12-250-212	7	4/19/2021	09:09	1SS01269	NA	-26.0	-4.0	1L	X	None
SV12-350-212	8	4/19/2021	09:12	1SS01281	NA	-27.0	-4.0	1L	X	None
SV12-450-212	9	4/19/2021	09:15	1SS01280	NA	-25.5	-4.0	1L	X	None
SV13-150-212	10	4/20/2021	08:25	1SS01240	NA	-26.5	-4.0	1L	X	None
SV13-250-212	11	4/20/2021	08:32	1SS01226	NA	-25.0	-3.5	1L	X	None
SV13-350-212	12	4/20/2021	08:37	1SS01228	NA	-25.0	-2.5	1L	X	None

FedEX Tracking Number: 9719 9695 2055

Shipping information: Box number 6 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)	Date: 4-23-21	Time: 0930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

Air - Chain of Custody Record & Analytical Service Request

Page 10 of 10

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-03**

Requested Turnaround Time in Business Days
10 Day-Standard

ALS Project No. P2103358

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Facilitiy
Project Number	62735DM02
P.O. # / Billing Information	17682
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Curley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV13-450-212	13	4/20/2021	08:41	1SS01272	NA	-23.5	-5.0	1L	X	None
SV15-150-212	14	4/19/2021	14:58	1SS01267	NA	-25.0	-4.0	1L	X	None
SV15-250-212	15	4/19/2021	15:01	1SS01261	NA	-22.5	0.0	1L	X	None
SV15-350-212	16	4/19/2021	15:04	1SS01286	NA	-26.0	-4.0	1L	X	None
SV15-450-212	17	4/19/2021	15:07	1SS01287	NA	-26.5	-5.5	1L	X	None

FedEX Tracking Number: 9719 9695 2055

Shipping information: Box number 6 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)	Date: 4-23-21	Time: 0930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102358

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102358-001.01	1.0 L Source Silonite Canister					
P2102358-002.01	1.0 L Source Silonite Canister					
P2102358-003.01	1.0 L Source Silonite Canister					
P2102358-004.01	1.0 L Source Silonite Canister					
P2102358-005.01	1.0 L Source Silonite Canister					
P2102358-006.01	1.0 L Source Silonite Canister					
P2102358-007.01	1.0 L Source Silonite Canister					
P2102358-008.01	1.0 L Source Silonite Canister					
P2102358-009.01	1.0 L Source Silonite Canister					
P2102358-010.01	1.0 L Source Silonite Canister					
P2102358-011.01	1.0 L Source Silonite Canister					
P2102358-012.01	1.0 L Source Silonite Canister					
P2102358-013.01	1.0 L Source Silonite Canister					
P2102358-014.01	1.0 L Source Silonite Canister					
P2102358-015.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102358

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: DENISE.POSADA

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102358-016.01	1.0 L Source Silonite Canister					
P2102358-017.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS01304

Initial Pressure (psig): -1.57 Final Pressure (psig): 5.65

Container Dilution Factor: 1.55

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,300**	67	41	17	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	14	23	14	3.9	**U**
74-87-3	Chloromethane	34	56	34	9.2	**U**
75-01-4	Vinyl Chloride	15	46	15	4.9	**U**
106-99-0	1,3-Butadiene	32	52	32	8.8	**U**
75-00-3	Chloroethane	27	44	27	5.5	**U**
64-17-5	Ethanol	**200**	620	98	43	**J**
67-64-1	Acetone	**6,400**	480	250	110	
75-69-4	Trichlorofluoromethane	13	20	13	3.2	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**160**	90	57	20	
75-09-2	Methylene Chloride	20	33	20	9.6	**U**
76-13-1	Trichlorotrifluoroethane	4.9	15	4.9	2.2	**U**
75-15-0	Carbon Disulfide	38	71	38	11	**U**
75-34-3	1,1-Dichloroethane	18	30	18	4.3	**U**
78-93-3	2-Butanone (MEK)	**1,400**	75	24	8.3	
141-78-6	Ethyl Acetate	40	61	40	17	**U**
110-54-3	n-Hexane	**4,000**	33	20	6.9	
67-66-3	Chloroform	7.7	24	7.7	3.2	**U**
109-99-9	Tetrahydrofuran (THF)	**6.5**	75	13	5.0	**J**
107-06-2	1,2-Dichloroethane	9.3	28	9.3	3.2	**U**
71-43-2	Benzene	**1,500**	36	12	5.3	
56-23-5	Carbon Tetrachloride	6.0	18	6.0	2.6	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS01304

Initial Pressure (psig): -1.57 Final Pressure (psig): 5.65

Container Dilution Factor: 1.55

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**2,900**	64	22	9.7	
75-27-4	Bromodichloromethane	5.6	17	5.6	2.5	**U**
79-01-6	Trichloroethene	7.0	21	7.0	3.0	**U**
123-91-1	1,4-Dioxane	10	32	10	3.9	**U**
142-82-5	n-Heptane	**2,500**	28	17	4.6	
108-10-1	4-Methyl-2-pentanone	**50**	54	9.2	3.9	**J**
108-88-3	Toluene	**2,400**	31	10	3.8	
591-78-6	2-Hexanone	9.2	54	9.2	3.6	**U**
124-48-1	Dibromochloromethane	4.4	14	4.4	1.8	**U**
106-93-4	1,2-Dibromoethane	**13**	15	4.9	1.8	**J**
127-18-4	Tetrachloroethene	5.6	17	5.6	2.3	**U**
100-41-4	Ethylbenzene	**140**	27	8.7	3.8	
179601-23-1	m,p-Xylenes	**700**	51	17	7.1	
75-25-2	Bromoform	6.9	11	6.9	2.4	**U**
100-42-5	Styrene	17	27	17	4.5	**U**
95-47-6	o-Xylene	**230**	27	8.7	3.9	
108-67-8	1,3,5-Trimethylbenzene	**91**	24	7.7	3.5	
95-63-6	1,2,4-Trimethylbenzene	**160**	23	7.7	3.3	
120-82-1	1,2,4-Trichlorobenzene	9.5	30	9.5	3.9	**U**
91-20-3	Naphthalene	13	22	13	5.5	**U**
1330-20-7	Xylenes, Total	**920**	51	17	7.1	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-050-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01347

Initial Pressure (psig): -5.06 Final Pressure (psig): 5.53

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,600**	1,300	780	320	
75-71-8	Dichlorodifluoromethane (CFC 12)	270	440	270	74	**U**
74-87-3	Chloromethane	650	1,100	650	170	**U**
75-01-4	Vinyl Chloride	280	870	280	94	**U**
106-99-0	1,3-Butadiene	610	990	610	170	**U**
75-00-3	Chloroethane	510	830	510	110	**U**
64-17-5	Ethanol	**2,600**	12,000	1,900	830	**J**
67-64-1	Acetone	**72,000**	9,200	4,800	2,100	
75-69-4	Trichlorofluoromethane	240	380	240	61	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**10,000**	1,700	1,100	380	
75-09-2	Methylene Chloride	390	630	390	180	**U**
76-13-1	Trichlorotrifluoroethane	93	290	93	42	**U**
75-15-0	Carbon Disulfide	730	1,300	730	220	**U**
75-34-3	1,1-Dichloroethane	340	560	340	81	**U**
78-93-3	2-Butanone (MEK)	**7,300**	1,400	460	160	
141-78-6	Ethyl Acetate	760	1,200	760	330	**U**
110-54-3	n-Hexane	**56,000**	620	380	130	
67-66-3	Chloroform	150	460	150	61	**U**
109-99-9	Tetrahydrofuran (THF)	240	1,400	240	95	**U**
107-06-2	1,2-Dichloroethane	180	540	180	61	**U**
71-43-2	Benzene	**21,000**	680	220	100	
56-23-5	Carbon Tetrachloride	110	340	110	49	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-050-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01347

Initial Pressure (psig): -5.06 Final Pressure (psig): 5.53

Container Dilution Factor: 2.10

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**71,000**		1,200	420	180	
75-27-4	Bromodichloromethane		110	330	110	48	**U**
79-01-6	Trichloroethene		130	400	130	56	**U**
123-91-1	1,4-Dioxane		200	610	200	73	**U**
142-82-5	n-Heptane	**83,000**		530	330	87	
108-10-1	4-Methyl-2-pentanone	**330**		1,000	170	75	**J**
108-88-3	Toluene	**110,000**		580	190	72	
591-78-6	2-Hexanone		170	1,000	170	68	**U**
124-48-1	Dibromochloromethane		84	260	84	35	**U**
106-93-4	1,2-Dibromoethane		93	280	93	34	**U**
127-18-4	Tetrachloroethene		110	320	110	43	**U**
100-41-4	Ethylbenzene	**20,000**		500	160	73	
179601-23-1	m,p-Xylenes	**78,000**		970	330	140	
75-25-2	Bromoform		130	220	130	45	**U**
100-42-5	Styrene		320	510	320	85	**U**
95-47-6	o-Xylene	**25,000**		510	160	74	
108-67-8	1,3,5-Trimethylbenzene	**4,700**		450	150	66	
95-63-6	1,2,4-Trimethylbenzene	**9,400**		440	150	63	
120-82-1	1,2,4-Trichlorobenzene		180	570	180	74	**U**
91-20-3	Naphthalene	**180**		420	250	100	**J**
1330-20-7	Xylenes, Total	**100,000**		970	330	140	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-100-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS01264

Initial Pressure (psig): -3.13 Final Pressure (psig): 5.53

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2,600**	880	540	220	
75-71-8	Dichlorodifluoromethane (CFC 12)	190	310	190	51	**U**
74-87-3	Chloromethane	450	730	450	120	**U**
75-01-4	Vinyl Chloride	190	600	190	65	**U**
106-99-0	1,3-Butadiene	420	690	420	120	**U**
75-00-3	Chloroethane	350	570	350	73	**U**
64-17-5	Ethanol	1,300	8,200	1,300	570	**U**
67-64-1	Acetone	**15,000**	6,400	3,300	1,500	
75-69-4	Trichlorofluoromethane	170	260	170	42	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,100**	1,200	750	260	**J**
75-09-2	Methylene Chloride	270	440	270	130	**U**
76-13-1	Trichlorotrifluoroethane	65	200	65	29	**U**
75-15-0	Carbon Disulfide	510	940	510	150	**U**
75-34-3	1,1-Dichloroethane	240	390	240	56	**U**
78-93-3	2-Butanone (MEK)	**1,500**	990	320	110	
141-78-6	Ethyl Acetate	530	810	530	230	**U**
110-54-3	n-Hexane	**46,000**	430	260	91	
67-66-3	Chloroform	100	320	100	42	**U**
109-99-9	Tetrahydrofuran (THF)	170	990	170	66	**U**
107-06-2	1,2-Dichloroethane	120	370	120	43	**U**
71-43-2	Benzene	**16,000**	470	160	70	
56-23-5	Carbon Tetrachloride	79	240	79	34	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-100-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS01264

Initial Pressure (psig): -3.13 Final Pressure (psig): 5.53

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**92,000**		850	290	130	
75-27-4	Bromodichloromethane		74	230	74	34	**U**
79-01-6	Trichloroethene		92	280	92	39	**U**
123-91-1	1,4-Dioxane		140	420	140	51	**U**
142-82-5	n-Heptane	**56,000**		370	230	61	
108-10-1	4-Methyl-2-pentanone		120	710	120	52	**U**
108-88-3	Toluene	**49,000**		400	130	50	
591-78-6	2-Hexanone		120	710	120	47	**U**
124-48-1	Dibromochloromethane		58	180	58	24	**U**
106-93-4	1,2-Dibromoethane		65	200	65	24	**U**
127-18-4	Tetrachloroethene		73	220	73	30	**U**
100-41-4	Ethylbenzene	**3,600**		350	110	50	
179601-23-1	m,p-Xylenes	**13,000**		670	230	94	
75-25-2	Bromoform		90	150	90	31	**U**
100-42-5	Styrene		220	360	220	59	**U**
95-47-6	o-Xylene	**3,900**		360	110	52	
108-67-8	1,3,5-Trimethylbenzene	**610**		310	100	46	
95-63-6	1,2,4-Trimethylbenzene	**930**		310	100	44	
120-82-1	1,2,4-Trichlorobenzene		130	390	130	51	**U**
91-20-3	Naphthalene		170	290	170	72	**U**
1330-20-7	Xylenes, Total	**17,000**		670	230	94	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS01266

Initial Pressure (psig): -3.64 Final Pressure (psig): 5.55

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1,600**	280	170	69	
75-71-8	Dichlorodifluoromethane (CFC 12)	59	96	59	16	**U**
74-87-3	Chloromethane	140	230	140	38	**U**
75-01-4	Vinyl Chloride	61	190	61	20	**U**
106-99-0	1,3-Butadiene	130	220	130	36	**U**
75-00-3	Chloroethane	110	180	110	23	**U**
64-17-5	Ethanol	400	2,600	400	180	**U**
67-64-1	Acetone	**11,000**	2,000	1,000	460	
75-69-4	Trichlorofluoromethane	52	83	52	13	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**360**	370	230	82	**J**
75-09-2	Methylene Chloride	84	140	84	40	**U**
76-13-1	Trichlorotrifluoroethane	20	63	20	9.1	**U**
75-15-0	Carbon Disulfide	160	290	160	47	**U**
75-34-3	1,1-Dichloroethane	75	120	75	18	**U**
78-93-3	2-Butanone (MEK)	**920**	310	99	34	
141-78-6	Ethyl Acetate	170	250	170	71	**U**
110-54-3	n-Hexane	**24,000**	140	83	29	
67-66-3	Chloroform	32	99	32	13	**U**
109-99-9	Tetrahydrofuran (THF)	53	310	53	21	**U**
107-06-2	1,2-Dichloroethane	38	120	38	13	**U**
71-43-2	Benzene	**8,700**	150	49	22	
56-23-5	Carbon Tetrachloride	25	74	25	11	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS01266

Initial Pressure (psig): -3.64 Final Pressure (psig): 5.55

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**30,000**	270	90	40	
75-27-4	Bromodichloromethane	23	71	23	11	**U**
79-01-6	Trichloroethene	29	87	29	12	**U**
123-91-1	1,4-Dioxane	43	130	43	16	**U**
142-82-5	n-Heptane	**26,000**	460	290	76	**D**
108-10-1	4-Methyl-2-pentanone	38	220	38	16	**U**
108-88-3	Toluene	**24,000**	510	170	63	**D**
591-78-6	2-Hexanone	38	220	38	15	**U**
124-48-1	Dibromochloromethane	18	56	18	7.5	**U**
106-93-4	1,2-Dibromoethane	20	62	20	7.4	**U**
127-18-4	Tetrachloroethene	23	70	23	9.3	**U**
100-41-4	Ethylbenzene	**2,500**	110	36	16	
179601-23-1	m,p-Xylenes	**6,100**	210	72	30	
75-25-2	Bromoform	28	47	28	9.7	**U**
100-42-5	Styrene	69	110	69	18	**U**
95-47-6	o-Xylene	**1,900**	110	36	16	
108-67-8	1,3,5-Trimethylbenzene	**380**	99	32	14	
95-63-6	1,2,4-Trimethylbenzene	**800**	97	32	14	
120-82-1	1,2,4-Trichlorobenzene	39	120	39	16	**U**
91-20-3	Naphthalene	**25**	91	54	23	**J**
1330-20-7	Xylenes, Total	**8,000**	210	72	30	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-260-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SS01344

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.62

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	360	590	360	150	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	130	210	130	34	**U**
74-87-3	Chloromethane	300	490	300	82	**U**
75-01-4	Vinyl Chloride	130	410	130	44	**U**
106-99-0	1,3-Butadiene	280	460	280	78	**U**
75-00-3	Chloroethane	240	390	240	49	**U**
64-17-5	Ethanol	860	5,500	860	390	**U**
67-64-1	Acetone	2,200	4,300	2,200	990	**U**
75-69-4	Trichlorofluoromethane	110	180	110	28	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**230**	800	500	180	**J**
75-09-2	Methylene Chloride	180	290	180	85	**U**
76-13-1	Trichlorotrifluoroethane	43	140	43	19	**U**
75-15-0	Carbon Disulfide	340	630	340	100	**U**
75-34-3	1,1-Dichloroethane	160	260	160	38	**U**
78-93-3	2-Butanone (MEK)	210	660	210	73	**U**
141-78-6	Ethyl Acetate	350	540	350	150	**U**
110-54-3	n-Hexane	**330**	290	180	61	
67-66-3	Chloroform	68	210	68	29	**U**
109-99-9	Tetrahydrofuran (THF)	110	660	110	45	**U**
107-06-2	1,2-Dichloroethane	82	250	82	29	**U**
71-43-2	Benzene	**89**	320	100	47	**J**
56-23-5	Carbon Tetrachloride	53	160	53	23	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-260-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SS01344

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.62

Container Dilution Factor: 1.96

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**980**	570	190	85	
75-27-4	Bromodichloromethane	50	150	50	23	**U**
79-01-6	Trichloroethene	62	190	62	26	**U**
123-91-1	1,4-Dioxane	92	280	92	34	**U**
142-82-5	n-Heptane	**310**	250	150	41	
108-10-1	4-Methyl-2-pentanone	81	480	81	35	**U**
108-88-3	Toluene	**230**	270	88	34	**J**
591-78-6	2-Hexanone	81	480	81	32	**U**
124-48-1	Dibromochloromethane	39	120	39	16	**U**
106-93-4	1,2-Dibromoethane	43	130	43	16	**U**
127-18-4	Tetrachloroethene	49	150	49	20	**U**
100-41-4	Ethylbenzene	77	230	77	34	**U**
179601-23-1	m,p-Xylenes	**98**	450	150	63	**J**
75-25-2	Bromoform	61	100	61	21	**U**
100-42-5	Styrene	150	240	150	40	**U**
95-47-6	o-Xylene	**90**	240	77	35	**J**
108-67-8	1,3,5-Trimethylbenzene	**37**	210	68	31	**J**
95-63-6	1,2,4-Trimethylbenzene	**45**	210	68	30	**J**
120-82-1	1,2,4-Trichlorobenzene	85	260	85	34	**U**
91-20-3	Naphthalene	120	190	120	49	**U**
1330-20-7	Xylenes, Total	**190**	450	150	63	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00709

Initial Pressure (psig): -2.31 Final Pressure (psig): 5.44

Container Dilution Factor: 1.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5.7**	1.2	0.76	0.31	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.9**	0.43	0.26	0.072	
74-87-3	Chloromethane	0.63	1.0	0.63	0.17	**U**
75-01-4	Vinyl Chloride	**1.4**	0.85	0.27	0.091	
106-99-0	1,3-Butadiene	0.59	0.96	0.59	0.16	**U**
75-00-3	Chloroethane	0.49	0.80	0.49	0.10	**U**
64-17-5	Ethanol	**2.4**	11	1.8	0.80	**J**
67-64-1	Acetone	4.6	8.9	4.6	2.1	**U**
75-69-4	Trichlorofluoromethane	**0.90**	0.37	0.23	0.059	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.38**	1.7	1.0	0.36	**J**
75-09-2	Methylene Chloride	0.38	0.61	0.38	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**76**	2.8	0.90	0.40	**D**
75-15-0	Carbon Disulfide	0.71	1.3	0.71	0.21	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.079	**U**
78-93-3	2-Butanone (MEK)	**0.22**	1.4	0.44	0.15	**J**
141-78-6	Ethyl Acetate	**0.35**	1.1	0.74	0.32	**J**
110-54-3	n-Hexane	0.37	0.60	0.37	0.13	**U**
67-66-3	Chloroform	**0.85**	0.44	0.14	0.059	
109-99-9	Tetrahydrofuran (THF)	**0.36**	1.4	0.23	0.093	**J**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	**0.61**	0.66	0.22	0.098	**J**
56-23-5	Carbon Tetrachloride	**6.7**	0.33	0.11	0.048	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00709

Initial Pressure (psig): -2.31 Final Pressure (psig): 5.44

Container Dilution Factor: 1.63

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**150**	1.2	0.40	0.18	
75-27-4	Bromodichloromethane	0.10	0.32	0.10	0.047	**U**
79-01-6	Trichloroethene	**12**	0.39	0.13	0.055	
123-91-1	1,4-Dioxane	0.19	0.59	0.19	0.071	**U**
142-82-5	n-Heptane	**0.089**	0.52	0.32	0.085	**J**
108-10-1	4-Methyl-2-pentanone	0.17	0.99	0.17	0.073	**U**
108-88-3	Toluene	**1.8**	0.56	0.18	0.070	
591-78-6	2-Hexanone	**1.6**	1.0	0.17	0.066	
124-48-1	Dibromochloromethane	0.081	0.25	0.081	0.033	**U**
106-93-4	1,2-Dibromoethane	0.090	0.28	0.090	0.033	**U**
127-18-4	Tetrachloroethene	**2.5**	0.31	0.10	0.041	
100-41-4	Ethylbenzene	**0.17**	0.49	0.16	0.070	**J**
179601-23-1	m,p-Xylenes	**0.46**	0.94	0.32	0.13	**J**
75-25-2	Bromoform	0.13	0.21	0.13	0.043	**U**
100-42-5	Styrene	0.31	0.50	0.31	0.082	**U**
95-47-6	o-Xylene	**0.15**	0.50	0.16	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	0.14	0.44	0.14	0.064	**U**
95-63-6	1,2,4-Trimethylbenzene	0.14	0.43	0.14	0.061	**U**
120-82-1	1,2,4-Trichlorobenzene	0.18	0.55	0.18	0.071	**U**
91-20-3	Naphthalene	0.24	0.40	0.24	0.10	**U**
1330-20-7	Xylenes, Total	**0.61**	0.94	0.32	0.13	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01269

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.38

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**45**	1.3	0.81	0.33	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.5**	0.46	0.28	0.077	
74-87-3	Chloromethane	**0.20**	1.1	0.68	0.18	**J**
75-01-4	Vinyl Chloride	**2.5**	0.91	0.29	0.098	
106-99-0	1,3-Butadiene	0.63	1.0	0.63	0.17	**U**
75-00-3	Chloroethane	0.53	0.86	0.53	0.11	**U**
64-17-5	Ethanol	**240**	12	1.9	0.86	
67-64-1	Acetone	5.0	9.6	5.0	2.2	**U**
75-69-4	Trichlorofluoromethane	**0.94**	0.40	0.25	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	**29**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	0.40	0.66	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**160**	3.0	0.97	0.43	**D**
75-15-0	Carbon Disulfide	0.76	1.4	0.76	0.22	**U**
75-34-3	1,1-Dichloroethane	0.36	0.58	0.36	0.084	**U**
78-93-3	2-Butanone (MEK)	**3.2**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	0.79	1.2	0.79	0.34	**U**
110-54-3	n-Hexane	**370**	6.5	4.0	1.4	**D**
67-66-3	Chloroform	**1.8**	0.48	0.15	0.064	
109-99-9	Tetrahydrofuran (THF)	**0.51**	1.5	0.25	0.099	**J**
107-06-2	1,2-Dichloroethane	0.18	0.56	0.18	0.064	**U**
71-43-2	Benzene	**160**	7.1	2.3	1.1	**D**
56-23-5	Carbon Tetrachloride	**7.1**	0.35	0.12	0.051	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01269

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.38

Container Dilution Factor: 1.75

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1,300**	13	4.3	1.9	**D**
75-27-4	Bromodichloromethane	0.11	0.34	0.11	0.050	**U**
79-01-6	Trichloroethene	**17**	0.42	0.14	0.059	
123-91-1	1,4-Dioxane	0.21	0.63	0.21	0.077	**U**
142-82-5	n-Heptane	**25**	0.56	0.34	0.091	
108-10-1	4-Methyl-2-pentanone	**2.1**	1.1	0.18	0.078	
108-88-3	Toluene	**13**	0.60	0.20	0.075	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.071	**U**
124-48-1	Dibromochloromethane	0.087	0.27	0.087	0.036	**U**
106-93-4	1,2-Dibromoethane	0.097	0.30	0.097	0.035	**U**
127-18-4	Tetrachloroethene	**2.2**	0.34	0.11	0.045	
100-41-4	Ethylbenzene	**0.31**	0.52	0.17	0.076	**J**
179601-23-1	m,p-Xylenes	**0.85**	1.0	0.34	0.14	**J**
75-25-2	Bromoform	0.14	0.22	0.14	0.047	**U**
100-42-5	Styrene	0.33	0.53	0.33	0.088	**U**
95-47-6	o-Xylene	**2.9**	0.53	0.17	0.078	
108-67-8	1,3,5-Trimethylbenzene	**0.39**	0.47	0.15	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	0.15	0.46	0.15	0.066	**U**
120-82-1	1,2,4-Trichlorobenzene	0.19	0.59	0.19	0.077	**U**
91-20-3	Naphthalene	0.26	0.43	0.26	0.11	**U**
1330-20-7	Xylenes, Total	**3.8**	1.0	0.34	0.14	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01281

Initial Pressure (psig): -3.32 Final Pressure (psig): 6.07

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.36**		1.4	0.85	0.35	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.20**		0.48	0.30	0.081	**J**
74-87-3	Chloromethane		0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	**2.8**		0.95	0.30	0.10	
106-99-0	1,3-Butadiene		0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane		0.56	0.90	0.56	0.11	**U**
64-17-5	Ethanol	**13**		13	2.0	0.90	
67-64-1	Acetone	**3.2**		10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.072**		0.42	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.72**		1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride		0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**4.7**		0.32	0.10	0.045	
75-15-0	Carbon Disulfide	**1.0**		1.5	0.79	0.24	**J**
75-34-3	1,1-Dichloroethane		0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**1.8**		1.6	0.50	0.17	
141-78-6	Ethyl Acetate		0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	**0.18**		0.68	0.42	0.14	**J**
67-66-3	Chloroform	**0.095**		0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**0.65**		1.6	0.26	0.10	**J**
107-06-2	1,2-Dichloroethane		0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**0.54**		0.74	0.24	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.61**		0.37	0.12	0.054	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01281

Initial Pressure (psig): -3.32 Final Pressure (psig): 6.07

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**0.54**	1.3	0.45	0.20	**J**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**0.097**	0.43	0.14	0.061	**J**
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	0.36	0.58	0.36	0.095	**U**
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**0.34**	0.63	0.21	0.079	**J**
591-78-6	2-Hexanone	**0.13**	1.1	0.19	0.074	**J**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.48**	0.35	0.11	0.047	
100-41-4	Ethylbenzene	0.18	0.55	0.18	0.079	**U**
179601-23-1	m,p-Xylenes	**0.20**	1.1	0.36	0.15	**J**
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	**0.090**	0.56	0.18	0.081	**J**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.072	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.15**	0.48	0.16	0.069	**J**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	**0.16**	0.45	0.27	0.11	**J**
1330-20-7	Xylenes, Total	**0.29**	1.1	0.36	0.15	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01280

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.63

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**70**	1.4	0.85	0.35	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	**0.81**	0.95	0.30	0.10	**J**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.56	0.90	0.56	0.11	**U**
64-17-5	Ethanol	**30**	13	2.0	0.90	
67-64-1	Acetone	5.2	10	5.2	2.3	**U**
75-69-4	Trichlorofluoromethane	**0.72**	0.42	0.26	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**300**	1.9	1.2	0.41	
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**150**	3.2	1.0	0.45	**D**
75-15-0	Carbon Disulfide	0.79	1.5	0.79	0.24	**U**
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**1.4**	1.6	0.50	0.17	**J**
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	0.42	0.68	0.42	0.14	**U**
67-66-3	Chloroform	**0.63**	0.50	0.16	0.067	
109-99-9	Tetrahydrofuran (THF)	0.26	1.6	0.26	0.10	**U**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**3.4**	0.74	0.24	0.11	
56-23-5	Carbon Tetrachloride	**3.6**	0.37	0.12	0.054	

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V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01280

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.63

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**1.5**	1.3	0.45	0.20	
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	**7.1**	0.43	0.14	0.061	
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	0.36	0.58	0.36	0.095	**U**
108-10-1	4-Methyl-2-pentanone	**0.17**	1.1	0.19	0.082	**J**
108-88-3	Toluene	**0.21**	0.63	0.21	0.079	**J**
591-78-6	2-Hexanone	**0.094**	1.1	0.19	0.074	**J**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**2.0**	0.35	0.11	0.047	
100-41-4	Ethylbenzene	0.18	0.55	0.18	0.079	**U**
179601-23-1	m,p-Xylenes	0.36	1.1	0.36	0.15	**U**
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	0.18	0.56	0.18	0.081	**U**
108-67-8	1,3,5-Trimethylbenzene	0.16	0.49	0.16	0.072	**U**
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.069	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	0.36	1.1	0.36	0.15	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-010

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SS01240

Initial Pressure (psig): -3.28 Final Pressure (psig): 5.50

Container Dilution Factor: 1.77

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**290**	180	110	45	
75-71-8	Dichlorodifluoromethane (CFC 12)	38	62	38	10	**U**
74-87-3	Chloromethane	91	150	91	25	**U**
75-01-4	Vinyl Chloride	39	120	39	13	**U**
106-99-0	1,3-Butadiene	85	140	85	23	**U**
75-00-3	Chloroethane	72	120	72	15	**U**
64-17-5	Ethanol	260	1,700	260	120	**U**
67-64-1	Acetone	670	1,300	670	300	**U**
75-69-4	Trichlorofluoromethane	34	54	34	8.5	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	150	240	150	53	**U**
75-09-2	Methylene Chloride	54	88	54	25	**U**
76-13-1	Trichlorotrifluoroethane	13	41	13	5.9	**U**
75-15-0	Carbon Disulfide	100	190	100	30	**U**
75-34-3	1,1-Dichloroethane	48	79	48	11	**U**
78-93-3	2-Butanone (MEK)	**24**	200	64	22	**J**
141-78-6	Ethyl Acetate	110	160	110	46	**U**
110-54-3	n-Hexane	**560**	87	54	18	
67-66-3	Chloroform	21	64	21	8.6	**U**
109-99-9	Tetrahydrofuran (THF)	**65**	200	34	13	**J**
107-06-2	1,2-Dichloroethane	25	76	25	8.6	**U**
71-43-2	Benzene	**1,700**	96	31	14	
56-23-5	Carbon Tetrachloride	16	48	16	6.9	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-010

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SS01240

Initial Pressure (psig): -3.28 Final Pressure (psig): 5.50

Container Dilution Factor: 1.77

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**13,000**		170	58	26	
75-27-4	Bromodichloromethane		15	46	15	6.8	**U**
79-01-6	Trichloroethene		19	56	19	7.9	**U**
123-91-1	1,4-Dioxane		28	85	28	10	**U**
142-82-5	n-Heptane	**290**		75	46	12	
108-10-1	4-Methyl-2-pentanone		24	140	24	11	**U**
108-88-3	Toluene	**2,900**		81	27	10	
591-78-6	2-Hexanone		24	140	24	9.5	**U**
124-48-1	Dibromochloromethane		12	36	12	4.8	**U**
106-93-4	1,2-Dibromoethane		13	40	13	4.8	**U**
127-18-4	Tetrachloroethene		15	45	15	6.0	**U**
100-41-4	Ethylbenzene	**140**		71	23	10	
179601-23-1	m,p-Xylenes	**1,600**		140	46	19	
75-25-2	Bromoform		18	30	18	6.3	**U**
100-42-5	Styrene		44	72	44	12	**U**
95-47-6	o-Xylene	**1,600**		72	23	10	
108-67-8	1,3,5-Trimethylbenzene	**870**		64	20	9.2	
95-63-6	1,2,4-Trimethylbenzene	**380**		62	20	8.9	
120-82-1	1,2,4-Trichlorobenzene		25	80	25	10	**U**
91-20-3	Naphthalene		35	59	35	15	**U**
1330-20-7	Xylenes, Total	**3,200**		140	46	19	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01226

Initial Pressure (psig): -3.14 Final Pressure (psig): 5.23

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.96**	1.3	0.80	0.32	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.4**	0.45	0.28	0.076	
74-87-3	Chloromethane	0.67	1.1	0.67	0.18	**U**
75-01-4	Vinyl Chloride	**2.0**	0.89	0.29	0.096	
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.85	0.52	0.11	**U**
64-17-5	Ethanol	**10**	12	1.9	0.84	**J**
67-64-1	Acetone	**7.2**	9.4	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.35**	0.39	0.24	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	1.8	1.1	0.39	**J**
75-09-2	Methylene Chloride	0.40	0.64	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**1.6**	0.30	0.095	0.043	
75-15-0	Carbon Disulfide	**1.4**	1.4	0.75	0.22	**J**
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.083	**U**
78-93-3	2-Butanone (MEK)	**2.8**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	0.78	1.2	0.78	0.33	**U**
110-54-3	n-Hexane	**0.23**	0.63	0.39	0.13	**J**
67-66-3	Chloroform	0.15	0.47	0.15	0.063	**U**
109-99-9	Tetrahydrofuran (THF)	**0.51**	1.5	0.25	0.098	**J**
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.063	**U**
71-43-2	Benzene	**2.8**	0.70	0.23	0.10	
56-23-5	Carbon Tetrachloride	**0.43**	0.35	0.12	0.051	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01226

Initial Pressure (psig): -3.14 Final Pressure (psig): 5.23

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**7.5**	1.2	0.42	0.19	
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	0.14	0.41	0.14	0.058	**U**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.075	**U**
142-82-5	n-Heptane	**0.42**	0.55	0.34	0.089	**J**
108-10-1	4-Methyl-2-pentanone	**0.079**	1.0	0.18	0.077	**J**
108-88-3	Toluene	**7.0**	0.59	0.19	0.074	
591-78-6	2-Hexanone	0.18	1.1	0.18	0.069	**U**
124-48-1	Dibromochloromethane	0.086	0.26	0.086	0.035	**U**
106-93-4	1,2-Dibromoethane	0.095	0.29	0.095	0.035	**U**
127-18-4	Tetrachloroethene	**0.18**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**0.81**	0.51	0.17	0.074	
179601-23-1	m,p-Xylenes	**10**	0.99	0.34	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene	0.32	0.53	0.32	0.087	**U**
95-47-6	o-Xylene	**12**	0.52	0.17	0.076	
108-67-8	1,3,5-Trimethylbenzene	**15**	0.46	0.15	0.067	
95-63-6	1,2,4-Trimethylbenzene	**7.9**	0.46	0.15	0.065	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.58	0.19	0.075	**U**
91-20-3	Naphthalene	**1.0**	0.43	0.25	0.11	
1330-20-7	Xylenes, Total	**22**	0.99	0.34	0.14	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01228

Initial Pressure (psig): -2.72 Final Pressure (psig): 5.21

Container Dilution Factor: 1.66

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**9.3**	1.3	0.77	0.31	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.89**	0.44	0.27	0.073	
74-87-3	Chloromethane	0.64	1.0	0.64	0.17	**U**
75-01-4	Vinyl Chloride	**1.9**	0.86	0.28	0.093	
106-99-0	1,3-Butadiene	0.60	0.98	0.60	0.17	**U**
75-00-3	Chloroethane	0.50	0.82	0.50	0.10	**U**
64-17-5	Ethanol	**11**	12	1.8	0.82	**J**
67-64-1	Acetone	**12**	9.1	4.7	2.1	
75-69-4	Trichlorofluoromethane	**0.42**	0.38	0.24	0.060	
67-63-0	2-Propanol (Isopropyl Alcohol)	**43**	1.7	1.1	0.37	
75-09-2	Methylene Chloride	0.38	0.62	0.38	0.18	**U**
76-13-1	Trichlorotrifluoroethane	**1.9**	0.29	0.092	0.041	
75-15-0	Carbon Disulfide	**0.95**	1.3	0.72	0.21	**J**
75-34-3	1,1-Dichloroethane	0.34	0.55	0.34	0.080	**U**
78-93-3	2-Butanone (MEK)	**3.5**	1.4	0.45	0.15	
141-78-6	Ethyl Acetate	0.75	1.2	0.75	0.32	**U**
110-54-3	n-Hexane	0.38	0.61	0.38	0.13	**U**
67-66-3	Chloroform	0.14	0.45	0.14	0.060	**U**
109-99-9	Tetrahydrofuran (THF)	**2.5**	1.4	0.24	0.094	
107-06-2	1,2-Dichloroethane	0.17	0.53	0.17	0.061	**U**
71-43-2	Benzene	**0.28**	0.68	0.22	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.97**	0.34	0.11	0.049	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01228

Initial Pressure (psig): -2.72 Final Pressure (psig): 5.21

Container Dilution Factor: 1.66

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**3.3**	1.2	0.41	0.18	
75-27-4	Bromodichloromethane	0.11	0.32	0.11	0.048	**U**
79-01-6	Trichloroethene	0.13	0.39	0.13	0.056	**U**
123-91-1	1,4-Dioxane	0.20	0.60	0.20	0.073	**U**
142-82-5	n-Heptane	**0.12**	0.53	0.32	0.086	**J**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.074	**U**
108-88-3	Toluene	**1.9**	0.57	0.19	0.072	
591-78-6	2-Hexanone	0.17	1.0	0.17	0.067	**U**
124-48-1	Dibromochloromethane	0.083	0.25	0.083	0.034	**U**
106-93-4	1,2-Dibromoethane	0.092	0.28	0.092	0.033	**U**
127-18-4	Tetrachloroethene	**0.19**	0.32	0.10	0.042	**J**
100-41-4	Ethylbenzene	**0.25**	0.50	0.16	0.072	**J**
179601-23-1	m,p-Xylenes	**3.0**	0.96	0.32	0.13	
75-25-2	Bromoform	0.13	0.21	0.13	0.044	**U**
100-42-5	Styrene	0.31	0.51	0.31	0.084	**U**
95-47-6	o-Xylene	**3.3**	0.51	0.16	0.074	
108-67-8	1,3,5-Trimethylbenzene	**4.7**	0.45	0.14	0.065	
95-63-6	1,2,4-Trimethylbenzene	**2.7**	0.44	0.14	0.062	
120-82-1	1,2,4-Trichlorobenzene	0.18	0.56	0.18	0.073	**U**
91-20-3	Naphthalene	**0.59**	0.41	0.25	0.10	
1330-20-7	Xylenes, Total	**6.3**	0.96	0.32	0.13	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01272

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.64

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**13**	1.5	0.92	0.37	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.84**	0.52	0.32	0.087	
74-87-3	Chloromethane	0.77	1.2	0.77	0.21	**U**
75-01-4	Vinyl Chloride	**1.7**	1.0	0.33	0.11	
106-99-0	1,3-Butadiene	0.72	1.2	0.72	0.20	**U**
75-00-3	Chloroethane	0.60	0.98	0.60	0.12	**U**
64-17-5	Ethanol	**12**	14	2.2	0.97	**J**
67-64-1	Acetone	5.6	11	5.6	2.5	**U**
75-69-4	Trichlorofluoromethane	**0.37**	0.45	0.28	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.70**	2.0	1.3	0.44	**J**
75-09-2	Methylene Chloride	0.46	0.74	0.46	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**0.40**	0.34	0.11	0.049	
75-15-0	Carbon Disulfide	**0.56**	1.6	0.86	0.25	**J**
75-34-3	1,1-Dichloroethane	0.40	0.66	0.40	0.095	**U**
78-93-3	2-Butanone (MEK)	**2.3**	1.7	0.54	0.18	
141-78-6	Ethyl Acetate	0.89	1.4	0.89	0.38	**U**
110-54-3	n-Hexane	**15**	0.73	0.45	0.15	
67-66-3	Chloroform	0.17	0.54	0.17	0.072	**U**
109-99-9	Tetrahydrofuran (THF)	**0.19**	1.7	0.29	0.11	**J**
107-06-2	1,2-Dichloroethane	0.21	0.64	0.21	0.072	**U**
71-43-2	Benzene	**28**	0.81	0.26	0.12	
56-23-5	Carbon Tetrachloride	**0.55**	0.40	0.13	0.058	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01272

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.64

Container Dilution Factor: 1.98

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**200**	1.4	0.49	0.22	
75-27-4	Bromodichloromethane	0.13	0.38	0.13	0.057	**U**
79-01-6	Trichloroethene	**0.11**	0.47	0.16	0.066	**J**
123-91-1	1,4-Dioxane	0.23	0.71	0.23	0.087	**U**
142-82-5	n-Heptane	**0.12**	0.63	0.39	0.10	**J**
108-10-1	4-Methyl-2-pentanone	0.21	1.2	0.21	0.088	**U**
108-88-3	Toluene	**1.2**	0.68	0.22	0.085	
591-78-6	2-Hexanone	0.21	1.2	0.21	0.080	**U**
124-48-1	Dibromochloromethane	0.099	0.30	0.099	0.041	**U**
106-93-4	1,2-Dibromoethane	0.11	0.34	0.11	0.040	**U**
127-18-4	Tetrachloroethene	**0.11**	0.38	0.12	0.050	**J**
100-41-4	Ethylbenzene	**0.21**	0.59	0.19	0.086	**J**
179601-23-1	m,p-Xylenes	**1.7**	1.1	0.39	0.16	
75-25-2	Bromoform	0.15	0.25	0.15	0.053	**U**
100-42-5	Styrene	0.37	0.60	0.37	0.10	**U**
95-47-6	o-Xylene	**2.3**	0.60	0.19	0.088	
108-67-8	1,3,5-Trimethylbenzene	**2.7**	0.53	0.17	0.078	
95-63-6	1,2,4-Trimethylbenzene	**1.0**	0.52	0.17	0.075	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.67	0.21	0.087	**U**
91-20-3	Naphthalene	**0.37**	0.49	0.29	0.12	**J**
1330-20-7	Xylenes, Total	**4.0**	1.1	0.39	0.16	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01267

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.69

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.60**	1.4	0.85	0.35	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.8**	0.48	0.30	0.081	
74-87-3	Chloromethane	0.71	1.2	0.71	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.95	0.30	0.10	**U**
106-99-0	1,3-Butadiene	0.66	1.1	0.66	0.18	**U**
75-00-3	Chloroethane	0.56	0.90	0.56	0.11	**U**
64-17-5	Ethanol	**15**	13	2.0	0.90	
67-64-1	Acetone	**4.9**	10	5.2	2.3	**J**
75-69-4	Trichlorofluoromethane	**0.28**	0.42	0.26	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.93**	1.9	1.2	0.41	**J**
75-09-2	Methylene Chloride	0.42	0.69	0.42	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**1.4**	0.32	0.10	0.045	
75-15-0	Carbon Disulfide	**0.78**	1.5	0.79	0.24	**J**
75-34-3	1,1-Dichloroethane	0.37	0.61	0.37	0.088	**U**
78-93-3	2-Butanone (MEK)	**3.4**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	**18**	0.68	0.42	0.14	
67-66-3	Chloroform	**0.17**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**4.5**	1.6	0.26	0.10	
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**4.5**	0.74	0.24	0.11	
56-23-5	Carbon Tetrachloride	**0.41**	0.37	0.12	0.054	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01267

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.69

Container Dilution Factor: 1.83

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**45**	1.3	0.45	0.20	
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	0.14	0.43	0.14	0.061	**U**
123-91-1	1,4-Dioxane	0.22	0.66	0.22	0.080	**U**
142-82-5	n-Heptane	**51**	0.58	0.36	0.095	
108-10-1	4-Methyl-2-pentanone	0.19	1.1	0.19	0.082	**U**
108-88-3	Toluene	**12**	0.63	0.21	0.079	
591-78-6	2-Hexanone	0.19	1.1	0.19	0.074	**U**
124-48-1	Dibromochloromethane	0.091	0.28	0.091	0.038	**U**
106-93-4	1,2-Dibromoethane	0.10	0.31	0.10	0.037	**U**
127-18-4	Tetrachloroethene	**0.36**	0.35	0.11	0.047	
100-41-4	Ethylbenzene	**1.5**	0.55	0.18	0.079	
179601-23-1	m,p-Xylenes	**3.4**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.23	0.14	0.049	**U**
100-42-5	Styrene	0.34	0.56	0.34	0.092	**U**
95-47-6	o-Xylene	**5.5**	0.56	0.18	0.081	
108-67-8	1,3,5-Trimethylbenzene	**2.6**	0.49	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	0.16	0.48	0.16	0.069	**U**
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.080	**U**
91-20-3	Naphthalene	0.27	0.45	0.27	0.11	**U**
1330-20-7	Xylenes, Total	**8.9**	1.1	0.36	0.15	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01261

Initial Pressure (psig): 0.0 Final Pressure (psig): 5.42

Container Dilution Factor: 1.37

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.9**	1.0	0.64	0.26	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.99**	0.36	0.22	0.060	
74-87-3	Chloromethane	0.53	0.86	0.53	0.14	**U**
75-01-4	Vinyl Chloride	**0.13**	0.71	0.23	0.076	**J**
106-99-0	1,3-Butadiene	0.50	0.81	0.50	0.14	**U**
75-00-3	Chloroethane	0.42	0.68	0.42	0.086	**U**
64-17-5	Ethanol	**24**	9.6	1.5	0.67	
67-64-1	Acetone	3.9	7.5	3.9	1.7	**U**
75-69-4	Trichlorofluoromethane	**0.21**	0.31	0.20	0.049	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**18**	1.4	0.88	0.31	
75-09-2	Methylene Chloride	**0.78**	0.51	0.32	0.15	
76-13-1	Trichlorotrifluoroethane	**1.4**	0.24	0.076	0.034	
75-15-0	Carbon Disulfide	0.59	1.1	0.59	0.18	**U**
75-34-3	1,1-Dichloroethane	0.28	0.46	0.28	0.066	**U**
78-93-3	2-Butanone (MEK)	**1.2**	1.2	0.37	0.13	
141-78-6	Ethyl Acetate	**1.6**	0.95	0.62	0.27	
110-54-3	n-Hexane	**4.3**	0.51	0.31	0.11	
67-66-3	Chloroform	0.12	0.37	0.12	0.050	**U**
109-99-9	Tetrahydrofuran (THF)	**0.12**	1.2	0.20	0.078	**J**
107-06-2	1,2-Dichloroethane	0.14	0.44	0.14	0.050	**U**
71-43-2	Benzene	**73**	0.56	0.18	0.083	
56-23-5	Carbon Tetrachloride	**0.52**	0.28	0.093	0.040	

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V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01261

Initial Pressure (psig): 0.0 Final Pressure (psig): 5.42

Container Dilution Factor: 1.37

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**43**	1.0	0.34	0.15	
75-27-4	Bromodichloromethane	0.087	0.27	0.087	0.039	**U**
79-01-6	Trichloroethene	0.11	0.33	0.11	0.046	**U**
123-91-1	1,4-Dioxane	0.16	0.49	0.16	0.060	**U**
142-82-5	n-Heptane	**4.2**	0.43	0.27	0.071	
108-10-1	4-Methyl-2-pentanone	0.14	0.84	0.14	0.061	**U**
108-88-3	Toluene	**3.4**	0.47	0.15	0.059	
591-78-6	2-Hexanone	0.14	0.84	0.14	0.055	**U**
124-48-1	Dibromochloromethane	0.068	0.21	0.068	0.028	**U**
106-93-4	1,2-Dibromoethane	0.076	0.23	0.076	0.028	**U**
127-18-4	Tetrachloroethene	**0.31**	0.26	0.086	0.035	
100-41-4	Ethylbenzene	**0.25**	0.41	0.13	0.059	**J**
179601-23-1	m,p-Xylenes	**1.1**	0.79	0.27	0.11	
75-25-2	Bromoform	0.11	0.18	0.11	0.036	**U**
100-42-5	Styrene	0.26	0.42	0.26	0.069	**U**
95-47-6	o-Xylene	**1.2**	0.42	0.13	0.061	
108-67-8	1,3,5-Trimethylbenzene	**0.40**	0.37	0.12	0.054	
95-63-6	1,2,4-Trimethylbenzene	**0.10**	0.36	0.12	0.052	**J**
120-82-1	1,2,4-Trichlorobenzene	0.15	0.46	0.15	0.060	**U**
91-20-3	Naphthalene	0.20	0.34	0.20	0.085	**U**
1330-20-7	Xylenes, Total	**2.2**	0.79	0.27	0.11	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS01286

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.96

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	69	110	69	28	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**14**	39	24	6.5	**J**
74-87-3	Chloromethane	58	94	58	15	**U**
75-01-4	Vinyl Chloride	25	77	25	8.3	**U**
106-99-0	1,3-Butadiene	54	87	54	15	**U**
75-00-3	Chloroethane	45	73	45	9.3	**U**
64-17-5	Ethanol	160	1,000	160	73	**U**
67-64-1	Acetone	420	810	420	190	**U**
75-69-4	Trichlorofluoromethane	21	34	21	5.4	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	95	150	95	33	**U**
75-09-2	Methylene Chloride	34	56	34	16	**U**
76-13-1	Trichlorotrifluoroethane	8.3	26	8.3	3.7	**U**
75-15-0	Carbon Disulfide	65	120	65	19	**U**
75-34-3	1,1-Dichloroethane	30	50	30	7.2	**U**
78-93-3	2-Butanone (MEK)	40	130	40	14	**U**
141-78-6	Ethyl Acetate	67	100	67	29	**U**
110-54-3	n-Hexane	**1,200**	55	34	12	
67-66-3	Chloroform	13	40	13	5.4	**U**
109-99-9	Tetrahydrofuran (THF)	21	130	21	8.5	**U**
107-06-2	1,2-Dichloroethane	16	48	16	5.4	**U**
71-43-2	Benzene	**91**	61	20	9.0	
56-23-5	Carbon Tetrachloride	10	30	10	4.4	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS01286

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.96

Container Dilution Factor: 1.86

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**16,000**	110	37	16	
75-27-4	Bromodichloromethane	9.4	29	9.4	4.3	**U**
79-01-6	Trichloroethene	**8.8**	35	12	5.0	**J**
123-91-1	1,4-Dioxane	18	54	18	6.5	**U**
142-82-5	n-Heptane	**13**	47	29	7.7	**J**
108-10-1	4-Methyl-2-pentanone	15	91	15	6.6	**U**
108-88-3	Toluene	**44**	51	17	6.4	**J**
591-78-6	2-Hexanone	15	91	15	6.0	**U**
124-48-1	Dibromochloromethane	7.4	23	7.4	3.1	**U**
106-93-4	1,2-Dibromoethane	8.2	25	8.2	3.0	**U**
127-18-4	Tetrachloroethene	9.3	29	9.3	3.8	**U**
100-41-4	Ethylbenzene	15	45	15	6.4	**U**
179601-23-1	m,p-Xylenes	29	86	29	12	**U**
75-25-2	Bromoform	12	19	12	4.0	**U**
100-42-5	Styrene	28	45	28	7.5	**U**
95-47-6	o-Xylene	**21**	45	15	6.6	**J**
108-67-8	1,3,5-Trimethylbenzene	**7.2**	40	13	5.8	**J**
95-63-6	1,2,4-Trimethylbenzene	13	39	13	5.6	**U**
120-82-1	1,2,4-Trichlorobenzene	16	50	16	6.5	**U**
91-20-3	Naphthalene	22	37	22	9.2	**U**
1330-20-7	Xylenes, Total	**21**	86	29	12	**J**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17 - 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00040 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01287

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.93

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	920	1,500	920	370	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	320	520	320	87	**U**
74-87-3	Chloromethane	760	1,200	760	210	**U**
75-01-4	Vinyl Chloride	330	1,000	330	110	**U**
106-99-0	1,3-Butadiene	710	1,200	710	200	**U**
75-00-3	Chloroethane	600	970	600	120	**U**
64-17-5	Ethanol	2,200	14,000	2,200	970	**U**
67-64-1	Acetone	5,600	11,000	5,600	2,500	**U**
75-69-4	Trichlorofluoromethane	280	450	280	71	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	1,300	2,000	1,300	440	**U**
75-09-2	Methylene Chloride	450	740	450	210	**U**
76-13-1	Trichlorotrifluoroethane	110	340	110	49	**U**
75-15-0	Carbon Disulfide	850	1,600	850	250	**U**
75-34-3	1,1-Dichloroethane	400	660	400	95	**U**
78-93-3	2-Butanone (MEK)	530	1,700	530	180	**U**
141-78-6	Ethyl Acetate	890	1,400	890	380	**U**
110-54-3	n-Hexane	**140,000**	730	450	150	
67-66-3	Chloroform	170	530	170	72	**U**
109-99-9	Tetrahydrofuran (THF)	280	1,700	280	110	**U**
107-06-2	1,2-Dichloroethane	210	630	210	72	**U**
71-43-2	Benzene	**18,000**	800	260	120	
56-23-5	Carbon Tetrachloride	130	400	130	58	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17 - 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00040 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01287

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.93

Container Dilution Factor: 1.97

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**170,000**		1,400	490	210	
75-27-4	Bromodichloromethane		130	380	130	57	**U**
79-01-6	Trichloroethene		160	470	160	66	**U**
123-91-1	1,4-Dioxane		230	710	230	86	**U**
142-82-5	n-Heptane	**120,000**		2,500	1,500	410	**D**
108-10-1	4-Methyl-2-pentanone		200	1,200	200	88	**U**
108-88-3	Toluene	**42,000**		680	220	85	
591-78-6	2-Hexanone		200	1,200	200	79	**U**
124-48-1	Dibromochloromethane		98	300	98	40	**U**
106-93-4	1,2-Dibromoethane		110	330	110	40	**U**
127-18-4	Tetrachloroethene		120	380	120	50	**U**
100-41-4	Ethylbenzene	**2,000**		590	190	85	
179601-23-1	m,p-Xylenes	**6,400**		1,100	390	160	
75-25-2	Bromoform		150	250	150	52	**U**
100-42-5	Styrene		370	600	370	100	**U**
95-47-6	o-Xylene	**2,300**		600	190	87	
108-67-8	1,3,5-Trimethylbenzene	**340**		530	170	77	**J**
95-63-6	1,2,4-Trimethylbenzene	**260**		520	170	74	**J**
120-82-1	1,2,4-Trichlorobenzene		210	660	210	86	**U**
91-20-3	Naphthalene		290	490	290	120	**U**
1330-20-7	Xylenes, Total	**8,700**		1,100	390	160	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	0.44	2.8	0.44	0.20	**U**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102358

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/14 - 5/18/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210514-MB	**94**	**105**	**104**	70-130	
Method Blank	P210515-MB	**93**	**105**	**106**	70-130	
Method Blank	P210516-MB	**92**	**108**	**113**	70-130	
Method Blank	P210517-MB	**92**	**107**	**106**	70-130	
Lab Control Sample	P210514-LCS	**91**	**101**	**104**	70-130	
Lab Control Sample	P210515-LCS	**91**	**102**	**104**	70-130	
Lab Control Sample	P210516-LCS	**92**	**102**	**112**	70-130	
Lab Control Sample	P210517-LCS	**91**	**102**	**104**	70-130	
Duplicate Lab Control Sample	P210514-DLCS	**92**	**101**	**103**	70-130	
Duplicate Lab Control Sample	P210515-DLCS	**91**	**102**	**105**	70-130	
Duplicate Lab Control Sample	P210516-DLCS	**92**	**103**	**110**	70-130	
Duplicate Lab Control Sample	P210517-DLCS	**92**	**102**	**104**	70-130	
SV10-250-212	P2102358-001	**92**	**103**	**106**	70-130	
SV11-050-212	P2102358-002	**92**	**98**	**108**	70-130	
SV11-100-212	P2102358-003	**91**	**99**	**103**	70-130	
SV11-250-212	P2102358-004	**91**	**102**	**104**	70-130	
SV11-260-212	P2102358-005	**92**	**107**	**107**	70-130	
SV12-150-212	P2102358-006	**92**	**102**	**103**	70-130	
SV12-250-212	P2102358-007	**95**	**92**	**98**	70-130	
SV12-350-212	P2102358-008	**93**	**104**	**107**	70-130	
SV12-450-212	P2102358-009	**93**	**103**	**106**	70-130	
SV13-150-212	P2102358-010	**92**	**101**	**100**	70-130	
SV13-250-212	P2102358-011	**92**	**102**	**103**	70-130	
SV13-350-212	P2102358-012	**92**	**104**	**108**	70-130	
SV13-450-212	P2102358-013	**92**	**93**	**98**	70-130	
SV15-150-212	P2102358-014	**92**	**98**	**102**	70-130	
SV15-250-212	P2102358-015	**92**	**104**	**105**	70-130	
SV15-350-212	P2102358-016	**91**	**104**	**106**	70-130	
SV15-450-212	P2102358-017	**91**	**105**	**106**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	94.0	91.4	**77**	**75**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.3	33.8	**81**	**80**	59-128	1	25	
74-87-3	Chloromethane	99.8	89.6	87.2	**90**	**87**	59-132	3	25	
75-01-4	Vinyl Chloride	81.4	73.5	73.3	**90**	**90**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	95.3	94.6	**100**	**100**	66-134	0	25	
75-00-3	Chloroethane	77.3	73.4	72.4	**95**	**94**	63-127	1	25	
64-17-5	Ethanol	530	434	433	**82**	**82**	59-125	0	25	
67-64-1	Acetone	435	354	355	**81**	**82**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.2	30.1	**83**	**83**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	132	134	**80**	**81**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	52.3	51.9	**87**	**87**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.1	24.1	**86**	**86**	66-126	0	25	
75-15-0	Carbon Disulfide	137	121	121	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	43.1	43.1	**82**	**82**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	124	125	**89**	**89**	67-130	0	25	
141-78-6	Ethyl Acetate	117	132	132	**113**	**113**	65-128	0	25	
110-54-3	n-Hexane	60.2	45.8	46.3	**76**	**77**	63-120	1	25	
67-66-3	Chloroform	43.8	36.2	36.2	**83**	**83**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	114	114	**84**	**84**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	42.4	42.6	**82**	**83**	65-128	1	25	
71-43-2	Benzene	63.9	48.7	48.6	**76**	**76**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	28.1	27.9	**84**	**84**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	105	105	**87**	**87**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	27.0	27.0	**86**	**86**	72-128	0	25	
79-01-6	Trichloroethene	38.3	33.7	33.7	**88**	**88**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	47.3	47.1	**82**	**82**	71-122	0	25	
142-82-5	n-Heptane	51.3	44.1	43.9	**86**	**86**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	90.6	91.0	**89**	**89**	67-130	0	25	
108-88-3	Toluene	54.7	46.0	46.0	**84**	**84**	66-119	0	25	
591-78-6	2-Hexanone	98.7	84.1	84.9	**85**	**86**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	24.2	24.1	**98**	**98**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	26.3	26.2	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	26.8	26.8	**88**	**88**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	41.9	41.9	**88**	**88**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	83.4	83.7	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	20.1	20.7	20.7	**103**	**103**	66-139	0	25	
100-42-5	Styrene	48.4	41.7	41.8	**86**	**86**	73-127	0	25	
95-47-6	o-Xylene	47.4	41.5	41.5	**88**	**88**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	36.9	36.9	**88**	**88**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	37.4	37.5	**90**	**90**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	50.1	50.5	**96**	**97**	55-142	1	25	
91-20-3	Naphthalene	37.8	37.6	38.1	**99**	**101**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	94.6	93.1	**78**	**76**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	34.2	34.2	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	99.8	88.0	87.4	**88**	**88**	59-132	0	25	
75-01-4	Vinyl Chloride	81.4	65.1	62.8	**80**	**77**	64-127	4	25	
106-99-0	1,3-Butadiene	95.0	77.4	85.4	**81**	**90**	66-134	11	25	
75-00-3	Chloroethane	77.3	72.4	71.8	**94**	**93**	63-127	1	25	
64-17-5	Ethanol	530	437	436	**82**	**82**	59-125	0	25	
67-64-1	Acetone	435	361	357	**83**	**82**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	30.4	30.4	**84**	**84**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	135	135	**81**	**81**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	53.0	52.8	**88**	**88**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	27.9	24.4	24.6	**87**	**88**	66-126	1	25	
75-15-0	Carbon Disulfide	137	122	122	**89**	**89**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	43.9	43.6	**84**	**83**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	127	126	**91**	**90**	67-130	1	25	
141-78-6	Ethyl Acetate	117	134	134	**115**	**115**	65-128	0	25	
110-54-3	n-Hexane	60.2	47.0	46.8	**78**	**78**	63-120	0	25	
67-66-3	Chloroform	43.8	36.6	36.5	**84**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	116	116	**85**	**85**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	43.1	43.1	**84**	**84**	65-128	0	25	
71-43-2	Benzene	63.9	49.2	48.9	**77**	**77**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	28.2	28.3	**84**	**85**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	107	106	**88**	**88**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	27.2	27.1	**87**	**86**	72-128	1	25	
79-01-6	Trichloroethene	38.3	34.1	34.2	**89**	**89**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	48.0	47.6	**83**	**82**	71-122	1	25	
142-82-5	n-Heptane	51.3	44.4	44.3	**87**	**86**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	91.9	91.3	**90**	**90**	67-130	0	25	
108-88-3	Toluene	54.7	46.7	46.9	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	98.7	85.9	85.7	**87**	**87**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	24.4	24.6	**99**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	27.1	26.5	26.8	**98**	**99**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	27.1	27.5	**89**	**90**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	42.6	42.7	**90**	**90**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	84.7	85.1	**89**	**90**	61-134	1	25	
75-25-2	Bromoform	20.1	21.1	21.3	**105**	**106**	66-139	0.9	25	
100-42-5	Styrene	48.4	42.6	42.8	**88**	**88**	73-127	0	25	
95-47-6	o-Xylene	47.4	42.0	42.3	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	37.3	37.7	**89**	**90**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	37.9	38.2	**91**	**92**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	50.5	51.2	**97**	**98**	55-142	1	25	
91-20-3	Naphthalene	37.8	37.6	38.4	**99**	**102**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	90.6	91.0	**74**	**75**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	41.3	40.2	**97**	**95**	59-128	2	25	
74-87-3	Chloromethane	99.8	92.3	92.9	**92**	**93**	59-132	1	25	
75-01-4	Vinyl Chloride	81.4	76.1	78.4	**93**	**96**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	95.3	98.3	**100**	**103**	66-134	3	25	
75-00-3	Chloroethane	77.3	71.2	75.5	**92**	**98**	63-127	6	25	
64-17-5	Ethanol	530	404	436	**76**	**82**	59-125	8	25	
67-64-1	Acetone	435	358	372	**82**	**86**	58-128	5	25	
75-69-4	Trichlorofluoromethane	36.3	37.0	36.5	**102**	**101**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	133	140	**80**	**84**	52-125	5	25	
75-09-2	Methylene Chloride	59.9	56.4	58.2	**94**	**97**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	29.2	29.1	**105**	**104**	66-126	1	25	
75-15-0	Carbon Disulfide	137	130	133	**95**	**97**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	44.9	46.6	**86**	**89**	68-126	3	25	
78-93-3	2-Butanone (MEK)	140	132	136	**94**	**97**	67-130	3	25	
141-78-6	Ethyl Acetate	117	136	141	**116**	**121**	65-128	4	25	
110-54-3	n-Hexane	60.2	46.8	48.2	**78**	**80**	63-120	3	25	
67-66-3	Chloroform	43.8	41.8	41.9	**95**	**96**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	120	125	**88**	**92**	64-123	4	25	
107-06-2	1,2-Dichloroethane	51.4	50.7	50.1	**99**	**97**	65-128	2	25	
71-43-2	Benzene	63.9	53.2	54.3	**83**	**85**	69-119	2	25	
56-23-5	Carbon Tetrachloride	33.4	35.6	35.1	**107**	**105**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	115	117	**95**	**97**	70-117	2	25	
75-27-4	Bromodichloromethane	31.4	31.5	31.6	**100**	**101**	72-128	1	25	
79-01-6	Trichloroethene	38.3	40.5	40.1	**106**	**105**	71-123	0.9	25	
123-91-1	1,4-Dioxane	57.7	52.8	54.0	**92**	**94**	71-122	2	25	
142-82-5	n-Heptane	51.3	46.7	47.6	**91**	**93**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	102	95.0	97.4	**93**	**95**	67-130	2	25	
108-88-3	Toluene	54.7	54.6	55.3	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	98.7	92.3	95.7	**94**	**97**	62-128	3	25	
124-48-1	Dibromochloromethane	24.7	30.9	30.8	**125**	**125**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	32.2	32.4	**119**	**120**	74-122	0.8	25	
127-18-4	Tetrachloroethene	30.4	34.8	34.4	**114**	**113**	66-124	0.9	25	
100-41-4	Ethylbenzene	47.4	51.0	51.3	**108**	**108**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	103	103	**109**	**109**	61-134	0	25	
75-25-2	Bromoform	20.1	27.7	27.3	**138**	**136**	66-139	1	25	
100-42-5	Styrene	48.4	52.3	52.3	**108**	**108**	73-127	0	25	
95-47-6	o-Xylene	47.4	51.3	51.2	**108**	**108**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	46.9	46.5	**112**	**111**	67-130	0.9	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	47.8	47.4	**115**	**114**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	60.0	62.9	**115**	**120**	55-142	4	25	
91-20-3	Naphthalene	37.8	42.2	45.1	**112**	**119**	57-138	6	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	103	99.6	**84**	**82**	57-136	2	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	40.1	38.9	**94**	**92**	59-128	2	25	
74-87-3	Chloromethane	99.8	105	100	**105**	**100**	59-132	5	25	
75-01-4	Vinyl Chloride	81.4	85.0	83.8	**104**	**103**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	108	107	**114**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	77.3	84.2	82.3	**109**	**106**	63-127	3	25	
64-17-5	Ethanol	530	489	487	**92**	**92**	59-125	0	25	
67-64-1	Acetone	435	404	401	**93**	**92**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	35.6	35.1	**98**	**97**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	152	152	**92**	**92**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	60.4	59.6	**101**	**99**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.6	28.2	**103**	**101**	66-126	2	25	
75-15-0	Carbon Disulfide	137	139	138	**101**	**101**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	49.2	48.8	**94**	**93**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	141	141	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	117	151	151	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	60.2	51.8	51.7	**86**	**86**	63-120	0	25	
67-66-3	Chloroform	43.8	42.2	41.9	**96**	**96**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	129	130	**95**	**96**	64-123	1	25	
107-06-2	1,2-Dichloroethane	51.4	49.6	49.1	**96**	**96**	65-128	0	25	
71-43-2	Benzene	63.9	56.2	55.4	**88**	**87**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	33.1	32.9	**99**	**99**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	120	119	**99**	**98**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	31.5	31.1	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	38.3	39.6	38.9	**103**	**102**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	54.6	54.1	**95**	**94**	71-122	1	25	
142-82-5	n-Heptane	51.3	49.5	49.2	**96**	**96**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	103	102	**101**	**100**	67-130	1	25	
108-88-3	Toluene	54.7	54.6	54.0	**100**	**99**	66-119	1	25	
591-78-6	2-Hexanone	98.7	98.8	98.8	**100**	**100**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	29.1	28.8	**118**	**117**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	27.1	31.7	31.3	**117**	**115**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	32.4	32.0	**107**	**105**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	49.9	49.6	**105**	**105**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	99.6	98.5	**105**	**104**	61-134	1	25	
75-25-2	Bromoform	20.1	25.3	25.0	**126**	**124**	66-139	2	25	
100-42-5	Styrene	48.4	50.4	50.2	**104**	**104**	73-127	0	25	
95-47-6	o-Xylene	47.4	49.5	49.0	**104**	**103**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	44.2	43.7	**105**	**104**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	44.9	44.4	**108**	**107**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.4	59.7	**114**	**114**	55-142	0	25	
91-20-3	Naphthalene	37.8	43.5	44.0	**115**	**116**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS01304

Initial Pressure (psig): -1.57 Final Pressure (psig): 5.65

Container Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**3,900**	120	71	29	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	71	120	71	19	**U**
74-87-3	Chloromethane	71	120	71	19	**U**
75-01-4	Vinyl Chloride	38	120	38	13	**U**
106-99-0	1,3-Butadiene	71	120	71	19	**U**
75-00-3	Chloroethane	71	120	71	15	**U**
64-17-5	Ethanol	**380**	1,200	180	82	**J**
67-64-1	Acetone	**15,000**	1,200	600	270	
75-69-4	Trichlorofluoromethane	71	110	71	18	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**400**	220	140	49	
75-09-2	Methylene Chloride	71	120	71	33	**U**
76-13-1	Trichlorotrifluoroethane	38	120	38	17	**U**
75-15-0	Carbon Disulfide	120	220	120	35	**U**
75-34-3	1,1-Dichloroethane	73	120	73	17	**U**
78-93-3	2-Butanone (MEK)	**4,200**	220	71	24	
141-78-6	Ethyl Acetate	140	220	140	62	**U**
110-54-3	n-Hexane	**14,000**	120	71	24	
67-66-3	Chloroform	38	120	38	16	**U**
109-99-9	Tetrahydrofuran (THF)	**19**	220	38	15	**J**
107-06-2	1,2-Dichloroethane	38	120	38	13	**U**
71-43-2	Benzene	**4,900**	120	38	17	
56-23-5	Carbon Tetrachloride	38	110	38	16	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV10-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0070 Liter(s)
Test Notes:
Container ID: 1SS01304

Initial Pressure (psig): -1.57 Final Pressure (psig): 5.65

Container Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**9,900**	220	75	33	
75-27-4	Bromodichloromethane	38	120	38	17	**U**
79-01-6	Trichloroethene	38	110	38	16	**U**
123-91-1	1,4-Dioxane	38	120	38	14	**U**
142-82-5	n-Heptane	**10,000**	120	71	19	
108-10-1	4-Methyl-2-pentanone	**210**	220	38	16	**J**
108-88-3	Toluene	**8,900**	120	38	14	
591-78-6	2-Hexanone	38	220	38	15	**U**
124-48-1	Dibromochloromethane	38	120	38	16	**U**
106-93-4	1,2-Dibromoethane	**100**	120	38	14	**J**
127-18-4	Tetrachloroethene	38	120	38	15	**U**
100-41-4	Ethylbenzene	**600**	120	38	17	
179601-23-1	m,p-Xylenes	**3,000**	220	75	31	
75-25-2	Bromoform	71	120	71	24	**U**
100-42-5	Styrene	71	120	71	19	**U**
95-47-6	o-Xylene	**980**	120	38	17	
108-67-8	1,3,5-Trimethylbenzene	**450**	120	38	17	
95-63-6	1,2,4-Trimethylbenzene	**780**	120	38	16	
120-82-1	1,2,4-Trichlorobenzene	71	220	71	29	**U**
91-20-3	Naphthalene	69	120	69	29	**U**
1330-20-7	Xylenes, Total	**4,000**	220	75	31	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-050-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01347

Initial Pressure (psig): -5.06 Final Pressure (psig): 5.53

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,400**		2,200	1,300	550	
75-71-8	Dichlorodifluoromethane (CFC 12)		1,300	2,200	1,300	370	**U**
74-87-3	Chloromethane		1,300	2,200	1,300	360	**U**
75-01-4	Vinyl Chloride		710	2,200	710	240	**U**
106-99-0	1,3-Butadiene		1,300	2,200	1,300	370	**U**
75-00-3	Chloroethane		1,300	2,200	1,300	280	**U**
64-17-5	Ethanol	**4,900**		22,000	3,500	1,600	**J**
67-64-1	Acetone	**170,000**		22,000	11,000	5,000	
75-69-4	Trichlorofluoromethane		1,300	2,100	1,300	340	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**26,000**		4,200	2,600	920	
75-09-2	Methylene Chloride		1,300	2,200	1,300	630	**U**
76-13-1	Trichlorotrifluoroethane		710	2,200	710	320	**U**
75-15-0	Carbon Disulfide		2,300	4,200	2,300	670	**U**
75-34-3	1,1-Dichloroethane		1,400	2,300	1,400	330	**U**
78-93-3	2-Butanone (MEK)	**22,000**		4,200	1,300	460	
141-78-6	Ethyl Acetate		2,700	4,200	2,700	1,200	**U**
110-54-3	n-Hexane	**200,000**		2,200	1,300	460	
67-66-3	Chloroform		710	2,200	710	300	**U**
109-99-9	Tetrahydrofuran (THF)		710	4,200	710	280	**U**
107-06-2	1,2-Dichloroethane		710	2,200	710	250	**U**
71-43-2	Benzene	**66,000**		2,200	710	320	
56-23-5	Carbon Tetrachloride		710	2,100	710	310	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-050-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Topacio Zavala Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SS01347

Initial Pressure (psig): -5.06 Final Pressure (psig): 5.53

Container Dilution Factor: 2.10

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**240,000**		4,200	1,400	630	
75-27-4	Bromodichloromethane		710	2,200	710	320	**U**
79-01-6	Trichloroethene		710	2,100	710	300	**U**
123-91-1	1,4-Dioxane		710	2,200	710	260	**U**
142-82-5	n-Heptane	**340,000**		2,200	1,300	360	
108-10-1	4-Methyl-2-pentanone	**1,300**		4,200	710	310	**J**
108-88-3	Toluene	**400,000**		2,200	710	270	
591-78-6	2-Hexanone		710	4,200	710	280	**U**
124-48-1	Dibromochloromethane		710	2,200	710	290	**U**
106-93-4	1,2-Dibromoethane		710	2,200	710	260	**U**
127-18-4	Tetrachloroethene		710	2,200	710	290	**U**
100-41-4	Ethylbenzene	**87,000**		2,200	710	320	
179601-23-1	m,p-Xylenes	**340,000**		4,200	1,400	590	
75-25-2	Bromoform		1,300	2,200	1,300	460	**U**
100-42-5	Styrene		1,300	2,200	1,300	360	**U**
95-47-6	o-Xylene	**110,000**		2,200	710	320	
108-67-8	1,3,5-Trimethylbenzene	**23,000**		2,200	710	320	
95-63-6	1,2,4-Trimethylbenzene	**46,000**		2,200	710	310	
120-82-1	1,2,4-Trichlorobenzene		1,300	4,200	1,300	550	**U**
91-20-3	Naphthalene	**930**		2,200	1,300	550	**J**
1330-20-7	Xylenes, Total	**450,000**		4,200	1,400	590	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-100-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS01264

Initial Pressure (psig): -3.13 Final Pressure (psig): 5.53

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4,500**	1,500	930	380	
75-71-8	Dichlorodifluoromethane (CFC 12)	930	1,500	930	250	**U**
74-87-3	Chloromethane	930	1,500	930	250	**U**
75-01-4	Vinyl Chloride	500	1,500	500	170	**U**
106-99-0	1,3-Butadiene	930	1,500	930	260	**U**
75-00-3	Chloroethane	930	1,500	930	190	**U**
64-17-5	Ethanol	2,400	15,000	2,400	1,100	**U**
67-64-1	Acetone	**35,000**	15,000	7,900	3,500	
75-69-4	Trichlorofluoromethane	930	1,500	930	240	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,700**	2,900	1,800	640	**J**
75-09-2	Methylene Chloride	930	1,500	930	440	**U**
76-13-1	Trichlorotrifluoroethane	500	1,500	500	220	**U**
75-15-0	Carbon Disulfide	1,600	2,900	1,600	470	**U**
75-34-3	1,1-Dichloroethane	960	1,600	960	230	**U**
78-93-3	2-Butanone (MEK)	**4,400**	2,900	930	320	
141-78-6	Ethyl Acetate	1,900	2,900	1,900	820	**U**
110-54-3	n-Hexane	**160,000**	1,500	930	320	
67-66-3	Chloroform	500	1,500	500	210	**U**
109-99-9	Tetrahydrofuran (THF)	500	2,900	500	200	**U**
107-06-2	1,2-Dichloroethane	500	1,500	500	170	**U**
71-43-2	Benzene	**51,000**	1,500	500	220	
56-23-5	Carbon Tetrachloride	500	1,500	500	220	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-100-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00060 Liter(s)
Test Notes:
Container ID: 1SS01264

Initial Pressure (psig): -3.13 Final Pressure (psig): 5.53

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**320,000**		2,900	990	440	
75-27-4	Bromodichloromethane		500	1,500	500	220	**U**
79-01-6	Trichloroethene		500	1,500	500	210	**U**
123-91-1	1,4-Dioxane		500	1,500	500	180	**U**
142-82-5	n-Heptane	**230,000**		1,500	930	250	
108-10-1	4-Methyl-2-pentanone		500	2,900	500	210	**U**
108-88-3	Toluene	**180,000**		1,500	500	190	
591-78-6	2-Hexanone		500	2,900	500	190	**U**
124-48-1	Dibromochloromethane		500	1,500	500	200	**U**
106-93-4	1,2-Dibromoethane		500	1,500	500	180	**U**
127-18-4	Tetrachloroethene		500	1,500	500	200	**U**
100-41-4	Ethylbenzene	**16,000**		1,500	500	220	
179601-23-1	m,p-Xylenes	**56,000**		2,900	990	410	
75-25-2	Bromoform		930	1,500	930	320	**U**
100-42-5	Styrene		930	1,500	930	250	**U**
95-47-6	o-Xylene	**17,000**		1,500	500	220	
108-67-8	1,3,5-Trimethylbenzene	**3,000**		1,500	500	220	
95-63-6	1,2,4-Trimethylbenzene	**4,600**		1,500	500	220	
120-82-1	1,2,4-Trichlorobenzene		930	2,900	930	380	**U**
91-20-3	Naphthalene		900	1,500	900	380	**U**
1330-20-7	Xylenes, Total	**73,000**		2,900	990	410	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS01266

Initial Pressure (psig): -3.64 Final Pressure (psig): 5.55

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**2,700**	480	290	120	
75-71-8	Dichlorodifluoromethane (CFC 12)	290	480	290	80	**U**
74-87-3	Chloromethane	290	480	290	79	**U**
75-01-4	Vinyl Chloride	160	480	160	52	**U**
106-99-0	1,3-Butadiene	290	480	290	81	**U**
75-00-3	Chloroethane	290	480	290	60	**U**
64-17-5	Ethanol	760	4,800	760	340	**U**
67-64-1	Acetone	**27,000**	4,800	2,500	1,100	
75-69-4	Trichlorofluoromethane	290	470	290	74	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**880**	920	580	200	**J**
75-09-2	Methylene Chloride	290	480	290	140	**U**
76-13-1	Trichlorotrifluoroethane	160	480	160	70	**U**
75-15-0	Carbon Disulfide	490	920	490	150	**U**
75-34-3	1,1-Dichloroethane	300	490	300	71	**U**
78-93-3	2-Butanone (MEK)	**2,700**	920	290	100	
141-78-6	Ethyl Acetate	590	920	590	260	**U**
110-54-3	n-Hexane	**84,000**	480	290	100	
67-66-3	Chloroform	160	480	160	65	**U**
109-99-9	Tetrahydrofuran (THF)	160	920	160	61	**U**
107-06-2	1,2-Dichloroethane	160	480	160	54	**U**
71-43-2	Benzene	**28,000**	480	160	70	
56-23-5	Carbon Tetrachloride	160	470	160	68	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0020 Liter(s)
Test Notes: 0.00050 Liter(s)
Container ID: 1SS01266

Initial Pressure (psig): -3.64 Final Pressure (psig): 5.55

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**100,000**		920	310	140	
75-27-4	Bromodichloromethane		160	480	160	70	**U**
79-01-6	Trichloroethene		160	470	160	66	**U**
123-91-1	1,4-Dioxane		160	480	160	58	**U**
142-82-5	n-Heptane	**110,000**		1,900	1,200	310	**D**
108-10-1	4-Methyl-2-pentanone		160	920	160	67	**U**
108-88-3	Toluene	**91,000**		1,900	620	240	**D**
591-78-6	2-Hexanone		160	920	160	60	**U**
124-48-1	Dibromochloromethane		160	480	160	64	**U**
106-93-4	1,2-Dibromoethane		160	480	160	57	**U**
127-18-4	Tetrachloroethene		160	480	160	63	**U**
100-41-4	Ethylbenzene	**11,000**		480	160	69	
179601-23-1	m,p-Xylenes	**26,000**		920	310	130	
75-25-2	Bromoform		290	480	290	100	**U**
100-42-5	Styrene		290	480	290	79	**U**
95-47-6	o-Xylene	**8,400**		480	160	70	
108-67-8	1,3,5-Trimethylbenzene	**1,900**		480	160	70	
95-63-6	1,2,4-Trimethylbenzene	**3,900**		480	160	68	
120-82-1	1,2,4-Trichlorobenzene		290	920	290	120	**U**
91-20-3	Naphthalene	**130**		480	280	120	**J**
1330-20-7	Xylenes, Total	**35,000**		920	310	130	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

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RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-260-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SS01344

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.62

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	630	1,000	630	250	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	630	1,000	630	170	**U**
74-87-3	Chloromethane	630	1,000	630	170	**U**
75-01-4	Vinyl Chloride	330	1,000	330	110	**U**
106-99-0	1,3-Butadiene	630	1,000	630	170	**U**
75-00-3	Chloroethane	630	1,000	630	130	**U**
64-17-5	Ethanol	1,600	10,000	1,600	730	**U**
67-64-1	Acetone	5,300	10,000	5,300	2,400	**U**
75-69-4	Trichlorofluoromethane	630	1,000	630	160	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	**560**	2,000	1,200	430	**J**
75-09-2	Methylene Chloride	630	1,000	630	290	**U**
76-13-1	Trichlorotrifluoroethane	330	1,000	330	150	**U**
75-15-0	Carbon Disulfide	1,100	2,000	1,100	310	**U**
75-34-3	1,1-Dichloroethane	650	1,100	650	150	**U**
78-93-3	2-Butanone (MEK)	630	2,000	630	220	**U**
141-78-6	Ethyl Acetate	1,300	2,000	1,300	550	**U**
110-54-3	n-Hexane	**1,200**	1,000	630	220	
67-66-3	Chloroform	330	1,000	330	140	**U**
109-99-9	Tetrahydrofuran (THF)	330	2,000	330	130	**U**
107-06-2	1,2-Dichloroethane	330	1,000	330	120	**U**
71-43-2	Benzene	**280**	1,000	330	150	**J**
56-23-5	Carbon Tetrachloride	330	1,000	330	150	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV11-260-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-005

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: 1SS01344

Initial Pressure (psig): -4.35 Final Pressure (psig): 5.62

Container Dilution Factor: 1.96

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**3,400**	2,000	670	290	
75-27-4	Bromodichloromethane	330	1,000	330	150	**U**
79-01-6	Trichloroethene	330	1,000	330	140	**U**
123-91-1	1,4-Dioxane	330	1,000	330	120	**U**
142-82-5	n-Heptane	**1,300**	1,000	630	170	
108-10-1	4-Methyl-2-pentanone	330	2,000	330	140	**U**
108-88-3	Toluene	**860**	1,000	330	130	**J**
591-78-6	2-Hexanone	330	2,000	330	130	**U**
124-48-1	Dibromochloromethane	330	1,000	330	140	**U**
106-93-4	1,2-Dibromoethane	330	1,000	330	120	**U**
127-18-4	Tetrachloroethene	330	1,000	330	140	**U**
100-41-4	Ethylbenzene	330	1,000	330	150	**U**
179601-23-1	m,p-Xylenes	**430**	2,000	670	270	**J**
75-25-2	Bromoform	630	1,000	630	220	**U**
100-42-5	Styrene	630	1,000	630	170	**U**
95-47-6	o-Xylene	**390**	1,000	330	150	**J**
108-67-8	1,3,5-Trimethylbenzene	**180**	1,000	330	150	**J**
95-63-6	1,2,4-Trimethylbenzene	**220**	1,000	330	150	**J**
120-82-1	1,2,4-Trichlorobenzene	630	2,000	630	250	**U**
91-20-3	Naphthalene	610	1,000	610	250	**U**
1330-20-7	Xylenes, Total	**820**	2,000	670	270	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00709

Initial Pressure (psig): -2.31 Final Pressure (psig): 5.44

Container Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**9.7**	2.1	1.3	0.53	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**29**	2.1	1.3	0.35	
74-87-3	Chloromethane	1.3	2.1	1.3	0.35	**U**
75-01-4	Vinyl Chloride	**3.6**	2.2	0.69	0.23	
106-99-0	1,3-Butadiene	1.3	2.1	1.3	0.36	**U**
75-00-3	Chloroethane	1.3	2.1	1.3	0.27	**U**
64-17-5	Ethanol	**4.4**	22	3.4	1.5	**J**
67-64-1	Acetone	11	21	11	4.9	**U**
75-69-4	Trichlorofluoromethane	**5.0**	2.1	1.3	0.33	
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.94**	4.1	2.6	0.90	**J**
75-09-2	Methylene Chloride	1.3	2.1	1.3	0.61	**U**
76-13-1	Trichlorotrifluoroethane	**590**	22	6.9	3.1	**D**
75-15-0	Carbon Disulfide	2.2	4.1	2.2	0.65	**U**
75-34-3	1,1-Dichloroethane	1.3	2.2	1.3	0.32	**U**
78-93-3	2-Butanone (MEK)	**0.64**	4.1	1.3	0.45	**J**
141-78-6	Ethyl Acetate	**1.2**	4.1	2.6	1.1	**J**
110-54-3	n-Hexane	1.3	2.1	1.3	0.45	**U**
67-66-3	Chloroform	**4.2**	2.2	0.69	0.29	
109-99-9	Tetrahydrofuran (THF)	**1.1**	4.1	0.69	0.27	**J**
107-06-2	1,2-Dichloroethane	0.69	2.1	0.69	0.24	**U**
71-43-2	Benzene	**2.0**	2.1	0.69	0.31	**J**
56-23-5	Carbon Tetrachloride	**42**	2.1	0.69	0.30	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-006

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00709

Initial Pressure (psig): -2.31 Final Pressure (psig): 5.44

Container Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**500**	4.1	1.4	0.61	
75-27-4	Bromodichloromethane	0.69	2.1	0.69	0.31	**U**
79-01-6	Trichloroethene	**66**	2.1	0.69	0.29	
123-91-1	1,4-Dioxane	0.69	2.1	0.69	0.26	**U**
142-82-5	n-Heptane	**0.36**	2.1	1.3	0.35	**J**
108-10-1	4-Methyl-2-pentanone	0.69	4.1	0.69	0.30	**U**
108-88-3	Toluene	**6.8**	2.1	0.69	0.26	
591-78-6	2-Hexanone	**6.5**	4.1	0.69	0.27	
124-48-1	Dibromochloromethane	0.69	2.1	0.69	0.29	**U**
106-93-4	1,2-Dibromoethane	0.69	2.1	0.69	0.25	**U**
127-18-4	Tetrachloroethene	**17**	2.1	0.69	0.28	
100-41-4	Ethylbenzene	**0.73**	2.1	0.69	0.31	**J**
179601-23-1	m,p-Xylenes	**2.0**	4.1	1.4	0.57	**J**
75-25-2	Bromoform	1.3	2.2	1.3	0.45	**U**
100-42-5	Styrene	1.3	2.1	1.3	0.35	**U**
95-47-6	o-Xylene	**0.65**	2.2	0.69	0.31	**J**
108-67-8	1,3,5-Trimethylbenzene	0.69	2.2	0.69	0.31	**U**
95-63-6	1,2,4-Trimethylbenzene	0.69	2.1	0.69	0.30	**U**
120-82-1	1,2,4-Trichlorobenzene	1.3	4.1	1.3	0.53	**U**
91-20-3	Naphthalene	1.3	2.1	1.3	0.53	**U**
1330-20-7	Xylenes, Total	**2.7**	4.1	1.4	0.57	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01269

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.38

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**78**	2.3	1.4	0.57	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**17**	2.3	1.4	0.38	
74-87-3	Chloromethane	**0.41**	2.3	1.4	0.38	**J**
75-01-4	Vinyl Chloride	**6.5**	2.3	0.74	0.25	
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**450**	23	3.6	1.6	
67-64-1	Acetone	12	23	12	5.3	**U**
75-69-4	Trichlorofluoromethane	**5.3**	2.2	1.4	0.35	
67-63-0	2-Propanol (Isopropyl Alcohol)	**72**	4.4	2.8	0.96	
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.66	**U**
76-13-1	Trichlorotrifluoroethane	**1,200**	23	7.4	3.3	**D**
75-15-0	Carbon Disulfide	2.4	4.4	2.4	0.70	**U**
75-34-3	1,1-Dichloroethane	1.4	2.4	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**9.6**	4.4	1.4	0.48	
141-78-6	Ethyl Acetate	2.8	4.4	2.8	1.2	**U**
110-54-3	n-Hexane	**1,300**	23	14	4.8	**D**
67-66-3	Chloroform	**8.9**	2.3	0.74	0.31	
109-99-9	Tetrahydrofuran (THF)	**1.5**	4.4	0.74	0.29	**J**
107-06-2	1,2-Dichloroethane	0.74	2.3	0.74	0.26	**U**
71-43-2	Benzene	**500**	23	7.4	3.4	**D**
56-23-5	Carbon Tetrachloride	**45**	2.2	0.74	0.32	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-007

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01269

Initial Pressure (psig): -3.25 Final Pressure (psig): 5.38

Container Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**4,300**	44	15	6.6	**D**
75-27-4	Bromodichloromethane	0.74	2.3	0.74	0.34	**U**
79-01-6	Trichloroethene	**93**	2.2	0.74	0.32	
123-91-1	1,4-Dioxane	0.74	2.3	0.74	0.28	**U**
142-82-5	n-Heptane	**100**	2.3	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	**8.6**	4.4	0.74	0.32	
108-88-3	Toluene	**51**	2.3	0.74	0.28	
591-78-6	2-Hexanone	0.74	4.4	0.74	0.29	**U**
124-48-1	Dibromochloromethane	0.74	2.3	0.74	0.31	**U**
106-93-4	1,2-Dibromoethane	0.74	2.3	0.74	0.27	**U**
127-18-4	Tetrachloroethene	**15**	2.3	0.74	0.30	
100-41-4	Ethylbenzene	**1.4**	2.3	0.74	0.33	**J**
179601-23-1	m,p-Xylenes	**3.7**	4.4	1.5	0.61	**J**
75-25-2	Bromoform	1.4	2.3	1.4	0.48	**U**
100-42-5	Styrene	1.4	2.3	1.4	0.38	**U**
95-47-6	o-Xylene	**13**	2.3	0.74	0.34	
108-67-8	1,3,5-Trimethylbenzene	**1.9**	2.3	0.74	0.34	**J**
95-63-6	1,2,4-Trimethylbenzene	0.74	2.3	0.74	0.32	**U**
120-82-1	1,2,4-Trichlorobenzene	1.4	4.4	1.4	0.57	**U**
91-20-3	Naphthalene	1.4	2.3	1.4	0.57	**U**
1330-20-7	Xylenes, Total	**16**	4.4	1.5	0.61	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01281

Initial Pressure (psig): -3.32 Final Pressure (psig): 6.07

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**0.61**	2.4	1.5	0.59	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.0**	2.4	1.5	0.40	**J**
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	**7.2**	2.4	0.78	0.26	
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**25**	24	3.8	1.7	
67-64-1	Acetone	**7.7**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**0.40**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**36**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**3.2**	4.6	2.5	0.73	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**5.3**	4.6	1.5	0.50	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**0.64**	2.4	1.5	0.50	**J**
67-66-3	Chloroform	**0.46**	2.4	0.78	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**1.9**	4.6	0.78	0.31	**J**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**1.7**	2.4	0.78	0.35	**J**
56-23-5	Carbon Tetrachloride	**3.9**	2.3	0.78	0.34	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-008

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01281

Initial Pressure (psig): -3.32 Final Pressure (psig): 6.07

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1.8**	4.6	1.6	0.69	**J**
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**0.52**	2.3	0.78	0.33	**J**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	1.5	2.4	1.5	0.39	**U**
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.33	**U**
108-88-3	Toluene	**1.3**	2.4	0.78	0.30	**J**
591-78-6	2-Hexanone	**0.54**	4.6	0.78	0.30	**J**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**3.2**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	0.78	2.4	0.78	0.34	**U**
179601-23-1	m,p-Xylenes	**0.88**	4.6	1.6	0.64	**J**
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**0.39**	2.4	0.78	0.35	**J**
108-67-8	1,3,5-Trimethylbenzene	0.78	2.4	0.78	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.75**	2.4	0.78	0.34	**J**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	**0.85**	2.4	1.4	0.59	**J**
1330-20-7	Xylenes, Total	**1.3**	4.6	1.6	0.64	**J**

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01280

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.63

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**120**	2.4	1.5	0.59	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.4**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	**2.1**	2.4	0.78	0.26	**J**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**57**	24	3.8	1.7	
67-64-1	Acetone	12	24	12	5.5	**U**
75-69-4	Trichlorofluoromethane	**4.0**	2.3	1.5	0.37	
67-63-0	2-Propanol (Isopropyl Alcohol)	**730**	4.6	2.9	1.0	
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**1,100**	24	7.8	3.5	**D**
75-15-0	Carbon Disulfide	2.5	4.6	2.5	0.73	**U**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**4.1**	4.6	1.5	0.50	**J**
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	1.5	2.4	1.5	0.50	**U**
67-66-3	Chloroform	**3.1**	2.4	0.78	0.32	
109-99-9	Tetrahydrofuran (THF)	0.78	4.6	0.78	0.31	**U**
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**11**	2.4	0.78	0.35	
56-23-5	Carbon Tetrachloride	**23**	2.3	0.78	0.34	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.
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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV12-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-009

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao/Topacio Zavala Date Analyzed: 5/14 - 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01280

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.63

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**5.2**	4.6	1.6	0.69	
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	**38**	2.3	0.78	0.33	
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	1.5	2.4	1.5	0.39	**U**
108-10-1	4-Methyl-2-pentanone	**0.70**	4.6	0.78	0.33	**J**
108-88-3	Toluene	**0.79**	2.4	0.78	0.30	**J**
591-78-6	2-Hexanone	**0.38**	4.6	0.78	0.30	**J**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**13**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	0.78	2.4	0.78	0.34	**U**
179601-23-1	m,p-Xylenes	1.6	4.6	1.6	0.64	**U**
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	0.78	2.4	0.78	0.35	**U**
108-67-8	1,3,5-Trimethylbenzene	0.78	2.4	0.78	0.35	**U**
95-63-6	1,2,4-Trimethylbenzene	0.78	2.4	0.78	0.34	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	1.6	4.6	1.6	0.64	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-010

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SS01240

Initial Pressure (psig): -3.28 Final Pressure (psig): 5.50

Container Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**500**	310	190	77	
75-71-8	Dichlorodifluoromethane (CFC 12)	190	310	190	51	**U**
74-87-3	Chloromethane	190	310	190	51	**U**
75-01-4	Vinyl Chloride	100	310	100	34	**U**
106-99-0	1,3-Butadiene	190	310	190	52	**U**
75-00-3	Chloroethane	190	310	190	39	**U**
64-17-5	Ethanol	490	3,100	490	220	**U**
67-64-1	Acetone	1,600	3,100	1,600	710	**U**
75-69-4	Trichlorofluoromethane	190	300	190	48	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	370	590	370	130	**U**
75-09-2	Methylene Chloride	190	310	190	89	**U**
76-13-1	Trichlorotrifluoroethane	100	310	100	45	**U**
75-15-0	Carbon Disulfide	320	590	320	94	**U**
75-34-3	1,1-Dichloroethane	190	320	190	46	**U**
78-93-3	2-Butanone (MEK)	**72**	590	190	65	**J**
141-78-6	Ethyl Acetate	380	590	380	170	**U**
110-54-3	n-Hexane	**2,000**	310	190	65	
67-66-3	Chloroform	100	310	100	42	**U**
109-99-9	Tetrahydrofuran (THF)	**190**	590	100	40	**J**
107-06-2	1,2-Dichloroethane	100	310	100	35	**U**
71-43-2	Benzene	**5,400**	310	100	45	
56-23-5	Carbon Tetrachloride	100	300	100	44	**U**

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-010

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0030 Liter(s)
Test Notes:
Container ID: 1SS01240

Initial Pressure (psig): -3.28 Final Pressure (psig): 5.50

Container Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**46,000**	590	200	89	
75-27-4	Bromodichloromethane	100	310	100	45	**U**
79-01-6	Trichloroethene	100	300	100	42	**U**
123-91-1	1,4-Dioxane	100	310	100	37	**U**
142-82-5	n-Heptane	**1,200**	310	190	50	
108-10-1	4-Methyl-2-pentanone	100	590	100	43	**U**
108-88-3	Toluene	**11,000**	310	100	38	
591-78-6	2-Hexanone	100	590	100	39	**U**
124-48-1	Dibromochloromethane	100	310	100	41	**U**
106-93-4	1,2-Dibromoethane	100	310	100	37	**U**
127-18-4	Tetrachloroethene	100	310	100	41	**U**
100-41-4	Ethylbenzene	**610**	310	100	44	
179601-23-1	m,p-Xylenes	**7,100**	590	200	83	
75-25-2	Bromoform	190	310	190	65	**U**
100-42-5	Styrene	190	310	190	51	**U**
95-47-6	o-Xylene	**7,000**	310	100	45	
108-67-8	1,3,5-Trimethylbenzene	**4,300**	310	100	45	
95-63-6	1,2,4-Trimethylbenzene	**1,900**	310	100	44	
120-82-1	1,2,4-Trichlorobenzene	190	590	190	77	**U**
91-20-3	Naphthalene	180	310	180	77	**U**
1330-20-7	Xylenes, Total	**14,000**	590	200	83	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01226

Initial Pressure (psig): -3.14 Final Pressure (psig): 5.23

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.7**	2.2	1.4	0.56	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.0**	2.2	1.4	0.37	
74-87-3	Chloromethane	1.4	2.2	1.4	0.37	**U**
75-01-4	Vinyl Chloride	**5.2**	2.3	0.73	0.25	
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**19**	23	3.6	1.6	**J**
67-64-1	Acetone	**17**	22	12	5.2	**J**
75-69-4	Trichlorofluoromethane	**2.0**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.4**	4.3	2.7	0.95	**J**
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.65	**U**
76-13-1	Trichlorotrifluoroethane	**12**	2.3	0.73	0.33	
75-15-0	Carbon Disulfide	**4.3**	4.3	2.3	0.69	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**8.3**	4.3	1.4	0.47	
141-78-6	Ethyl Acetate	2.8	4.3	2.8	1.2	**U**
110-54-3	n-Hexane	**0.82**	2.2	1.4	0.47	**J**
67-66-3	Chloroform	0.73	2.3	0.73	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	**1.5**	4.3	0.73	0.29	**J**
107-06-2	1,2-Dichloroethane	0.73	2.2	0.73	0.25	**U**
71-43-2	Benzene	**8.8**	2.2	0.73	0.33	
56-23-5	Carbon Tetrachloride	**2.7**	2.2	0.73	0.32	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-011

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01226

Initial Pressure (psig): -3.14 Final Pressure (psig): 5.23

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**26**	4.3	1.5	0.65	
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	0.73	2.2	0.73	0.31	**U**
123-91-1	1,4-Dioxane	0.73	2.2	0.73	0.27	**U**
142-82-5	n-Heptane	**1.7**	2.2	1.4	0.37	**J**
108-10-1	4-Methyl-2-pentanone	**0.32**	4.3	0.73	0.31	**J**
108-88-3	Toluene	**26**	2.2	0.73	0.28	
591-78-6	2-Hexanone	0.73	4.3	0.73	0.28	**U**
124-48-1	Dibromochloromethane	0.73	2.2	0.73	0.30	**U**
106-93-4	1,2-Dibromoethane	0.73	2.2	0.73	0.27	**U**
127-18-4	Tetrachloroethene	**1.2**	2.2	0.73	0.30	**J**
100-41-4	Ethylbenzene	**3.5**	2.2	0.73	0.32	
179601-23-1	m,p-Xylenes	**44**	4.3	1.5	0.60	
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**51**	2.3	0.73	0.33	
108-67-8	1,3,5-Trimethylbenzene	**74**	2.3	0.73	0.33	
95-63-6	1,2,4-Trimethylbenzene	**39**	2.2	0.73	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**5.3**	2.2	1.3	0.56	
1330-20-7	Xylenes, Total	**96**	4.3	1.5	0.60	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01228

Initial Pressure (psig): -2.72 Final Pressure (psig): 5.21

Container Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**16**	2.2	1.3	0.54	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.4**	2.2	1.3	0.36	
74-87-3	Chloromethane	1.3	2.2	1.3	0.36	**U**
75-01-4	Vinyl Chloride	**4.8**	2.2	0.71	0.24	
106-99-0	1,3-Butadiene	1.3	2.2	1.3	0.37	**U**
75-00-3	Chloroethane	1.3	2.2	1.3	0.27	**U**
64-17-5	Ethanol	**21**	22	3.4	1.5	**J**
67-64-1	Acetone	**28**	22	11	5.0	
75-69-4	Trichlorofluoromethane	**2.4**	2.1	1.3	0.34	
67-63-0	2-Propanol (Isopropyl Alcohol)	**110**	4.2	2.6	0.91	
75-09-2	Methylene Chloride	1.3	2.2	1.3	0.62	**U**
76-13-1	Trichlorotrifluoroethane	**15**	2.2	0.71	0.32	
75-15-0	Carbon Disulfide	**3.0**	4.2	2.2	0.66	**J**
75-34-3	1,1-Dichloroethane	1.4	2.2	1.4	0.32	**U**
78-93-3	2-Butanone (MEK)	**10**	4.2	1.3	0.46	
141-78-6	Ethyl Acetate	2.7	4.2	2.7	1.2	**U**
110-54-3	n-Hexane	1.3	2.2	1.3	0.46	**U**
67-66-3	Chloroform	0.71	2.2	0.71	0.29	**U**
109-99-9	Tetrahydrofuran (THF)	**7.4**	4.2	0.71	0.28	
107-06-2	1,2-Dichloroethane	0.71	2.2	0.71	0.24	**U**
71-43-2	Benzene	**0.88**	2.2	0.71	0.32	**J**
56-23-5	Carbon Tetrachloride	**6.1**	2.1	0.71	0.31	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-012

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01228

Initial Pressure (psig): -2.72 Final Pressure (psig): 5.21

Container Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**11**	4.2	1.4	0.62	
75-27-4	Bromodichloromethane	0.71	2.2	0.71	0.32	**U**
79-01-6	Trichloroethene	0.71	2.1	0.71	0.30	**U**
123-91-1	1,4-Dioxane	0.71	2.2	0.71	0.26	**U**
142-82-5	n-Heptane	**0.50**	2.2	1.3	0.35	**J**
108-10-1	4-Methyl-2-pentanone	0.71	4.2	0.71	0.30	**U**
108-88-3	Toluene	**7.1**	2.2	0.71	0.27	
591-78-6	2-Hexanone	0.71	4.2	0.71	0.27	**U**
124-48-1	Dibromochloromethane	0.71	2.2	0.71	0.29	**U**
106-93-4	1,2-Dibromoethane	0.71	2.2	0.71	0.26	**U**
127-18-4	Tetrachloroethene	**1.3**	2.2	0.71	0.29	**J**
100-41-4	Ethylbenzene	**1.1**	2.2	0.71	0.31	**J**
179601-23-1	m,p-Xylenes	**13**	4.2	1.4	0.58	
75-25-2	Bromoform	1.3	2.2	1.3	0.46	**U**
100-42-5	Styrene	1.3	2.2	1.3	0.36	**U**
95-47-6	o-Xylene	**14**	2.2	0.71	0.32	
108-67-8	1,3,5-Trimethylbenzene	**23**	2.2	0.71	0.32	
95-63-6	1,2,4-Trimethylbenzene	**13**	2.2	0.71	0.31	
120-82-1	1,2,4-Trichlorobenzene	1.3	4.2	1.3	0.54	**U**
91-20-3	Naphthalene	**3.1**	2.2	1.3	0.54	
1330-20-7	Xylenes, Total	**27**	4.2	1.4	0.58	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01272

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.64

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**23**	2.6	1.6	0.64	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.2**	2.6	1.6	0.43	
74-87-3	Chloromethane	1.6	2.6	1.6	0.43	**U**
75-01-4	Vinyl Chloride	**4.4**	2.6	0.84	0.28	
106-99-0	1,3-Butadiene	1.6	2.6	1.6	0.44	**U**
75-00-3	Chloroethane	1.6	2.6	1.6	0.33	**U**
64-17-5	Ethanol	**23**	26	4.1	1.8	**J**
67-64-1	Acetone	13	26	13	5.9	**U**
75-69-4	Trichlorofluoromethane	**2.1**	2.5	1.6	0.40	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	5.0	3.1	1.1	**J**
75-09-2	Methylene Chloride	1.6	2.6	1.6	0.74	**U**
76-13-1	Trichlorotrifluoroethane	**3.1**	2.6	0.84	0.38	
75-15-0	Carbon Disulfide	**1.8**	5.0	2.7	0.79	**J**
75-34-3	1,1-Dichloroethane	1.6	2.7	1.6	0.39	**U**
78-93-3	2-Butanone (MEK)	**6.8**	5.0	1.6	0.54	
141-78-6	Ethyl Acetate	3.2	5.0	3.2	1.4	**U**
110-54-3	n-Hexane	**54**	2.6	1.6	0.54	
67-66-3	Chloroform	0.84	2.6	0.84	0.35	**U**
109-99-9	Tetrahydrofuran (THF)	**0.55**	5.0	0.84	0.33	**J**
107-06-2	1,2-Dichloroethane	0.84	2.6	0.84	0.29	**U**
71-43-2	Benzene	**91**	2.6	0.84	0.38	
56-23-5	Carbon Tetrachloride	**3.4**	2.5	0.84	0.37	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV13-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-013

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01272

Initial Pressure (psig): -4.41 Final Pressure (psig): 5.64

Container Dilution Factor: 1.98

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**680**	5.0	1.7	0.74	
75-27-4	Bromodichloromethane	0.84	2.6	0.84	0.38	**U**
79-01-6	Trichloroethene	**0.57**	2.5	0.84	0.36	**J**
123-91-1	1,4-Dioxane	0.84	2.6	0.84	0.31	**U**
142-82-5	n-Heptane	**0.48**	2.6	1.6	0.42	**J**
108-10-1	4-Methyl-2-pentanone	0.84	5.0	0.84	0.36	**U**
108-88-3	Toluene	**4.5**	2.6	0.84	0.32	
591-78-6	2-Hexanone	0.84	5.0	0.84	0.33	**U**
124-48-1	Dibromochloromethane	0.84	2.6	0.84	0.35	**U**
106-93-4	1,2-Dibromoethane	0.84	2.6	0.84	0.31	**U**
127-18-4	Tetrachloroethene	**0.78**	2.6	0.84	0.34	**J**
100-41-4	Ethylbenzene	**0.92**	2.6	0.84	0.37	**J**
179601-23-1	m,p-Xylenes	**7.3**	5.0	1.7	0.69	
75-25-2	Bromoform	1.6	2.6	1.6	0.54	**U**
100-42-5	Styrene	1.6	2.6	1.6	0.43	**U**
95-47-6	o-Xylene	**10**	2.6	0.84	0.38	
108-67-8	1,3,5-Trimethylbenzene	**13**	2.6	0.84	0.38	
95-63-6	1,2,4-Trimethylbenzene	**5.1**	2.6	0.84	0.37	
120-82-1	1,2,4-Trichlorobenzene	1.6	5.0	1.6	0.64	**U**
91-20-3	Naphthalene	**1.9**	2.6	1.5	0.64	**J**
1330-20-7	Xylenes, Total	**17**	5.0	1.7	0.69	

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01267

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.69

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**1.0**	2.4	1.5	0.59	**J, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**9.0**	2.4	1.5	0.40	
74-87-3	Chloromethane	1.5	2.4	1.5	0.39	**U**
75-01-4	Vinyl Chloride	0.78	2.4	0.78	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.40	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.30	**U**
64-17-5	Ethanol	**28**	24	3.8	1.7	
67-64-1	Acetone	**12**	24	12	5.5	**J**
75-69-4	Trichlorofluoromethane	**1.6**	2.3	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.3**	4.6	2.9	1.0	**J**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**11**	2.4	0.78	0.35	
75-15-0	Carbon Disulfide	**2.4**	4.6	2.5	0.73	**J**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**10**	4.6	1.5	0.50	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**65**	2.4	1.5	0.50	
67-66-3	Chloroform	**0.82**	2.4	0.78	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	**13**	4.6	0.78	0.31	
107-06-2	1,2-Dichloroethane	0.78	2.4	0.78	0.27	**U**
71-43-2	Benzene	**14**	2.4	0.78	0.35	
56-23-5	Carbon Tetrachloride	**2.6**	2.3	0.78	0.34	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-150-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-014

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01267

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.69

Container Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**160**	4.6	1.6	0.69	
75-27-4	Bromodichloromethane	0.78	2.4	0.78	0.35	**U**
79-01-6	Trichloroethene	0.78	2.3	0.78	0.33	**U**
123-91-1	1,4-Dioxane	0.78	2.4	0.78	0.29	**U**
142-82-5	n-Heptane	**210**	2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	0.78	4.6	0.78	0.33	**U**
108-88-3	Toluene	**46**	2.4	0.78	0.30	
591-78-6	2-Hexanone	0.78	4.6	0.78	0.30	**U**
124-48-1	Dibromochloromethane	0.78	2.4	0.78	0.32	**U**
106-93-4	1,2-Dibromoethane	0.78	2.4	0.78	0.28	**U**
127-18-4	Tetrachloroethene	**2.4**	2.4	0.78	0.32	
100-41-4	Ethylbenzene	**6.5**	2.4	0.78	0.34	
179601-23-1	m,p-Xylenes	**15**	4.6	1.6	0.64	
75-25-2	Bromoform	1.5	2.4	1.5	0.50	**U**
100-42-5	Styrene	1.5	2.4	1.5	0.39	**U**
95-47-6	o-Xylene	**24**	2.4	0.78	0.35	
108-67-8	1,3,5-Trimethylbenzene	**13**	2.4	0.78	0.35	
95-63-6	1,2,4-Trimethylbenzene	0.78	2.4	0.78	0.34	**U**
120-82-1	1,2,4-Trichlorobenzene	1.5	4.6	1.5	0.59	**U**
91-20-3	Naphthalene	1.4	2.4	1.4	0.59	**U**
1330-20-7	Xylenes, Total	**39**	4.6	1.6	0.64	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01261

Initial Pressure (psig): 0.0 Final Pressure (psig): 5.42

Container Dilution Factor: 1.37

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**8.4**	1.8	1.1	0.45	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.9**	1.8	1.1	0.30	
74-87-3	Chloromethane	1.1	1.8	1.1	0.29	**U**
75-01-4	Vinyl Chloride	**0.34**	1.8	0.58	0.20	**J**
106-99-0	1,3-Butadiene	1.1	1.8	1.1	0.30	**U**
75-00-3	Chloroethane	1.1	1.8	1.1	0.23	**U**
64-17-5	Ethanol	**45**	18	2.8	1.3	
67-64-1	Acetone	9.2	18	9.2	4.1	**U**
75-69-4	Trichlorofluoromethane	**1.2**	1.7	1.1	0.28	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**44**	3.4	2.2	0.75	
75-09-2	Methylene Chloride	**2.7**	1.8	1.1	0.51	
76-13-1	Trichlorotrifluoroethane	**10**	1.8	0.58	0.26	
75-15-0	Carbon Disulfide	1.8	3.4	1.8	0.55	**U**
75-34-3	1,1-Dichloroethane	1.1	1.8	1.1	0.27	**U**
78-93-3	2-Butanone (MEK)	**3.6**	3.4	1.1	0.38	
141-78-6	Ethyl Acetate	**5.9**	3.4	2.2	0.96	
110-54-3	n-Hexane	**15**	1.8	1.1	0.38	
67-66-3	Chloroform	0.58	1.8	0.58	0.24	**U**
109-99-9	Tetrahydrofuran (THF)	**0.36**	3.4	0.58	0.23	**J**
107-06-2	1,2-Dichloroethane	0.58	1.8	0.58	0.20	**U**
71-43-2	Benzene	**230**	1.8	0.58	0.26	
56-23-5	Carbon Tetrachloride	**3.3**	1.7	0.58	0.25	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

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RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-250-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-015

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01261

Initial Pressure (psig): 0.0 Final Pressure (psig): 5.42

Container Dilution Factor: 1.37

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**150**	3.4	1.2	0.51	
75-27-4	Bromodichloromethane	0.58	1.8	0.58	0.26	**U**
79-01-6	Trichloroethene	0.58	1.7	0.58	0.25	**U**
123-91-1	1,4-Dioxane	0.58	1.8	0.58	0.22	**U**
142-82-5	n-Heptane	**17**	1.8	1.1	0.29	
108-10-1	4-Methyl-2-pentanone	0.58	3.4	0.58	0.25	**U**
108-88-3	Toluene	**13**	1.8	0.58	0.22	
591-78-6	2-Hexanone	0.58	3.4	0.58	0.23	**U**
124-48-1	Dibromochloromethane	0.58	1.8	0.58	0.24	**U**
106-93-4	1,2-Dibromoethane	0.58	1.8	0.58	0.21	**U**
127-18-4	Tetrachloroethene	**2.1**	1.8	0.58	0.24	
100-41-4	Ethylbenzene	**1.1**	1.8	0.58	0.26	**J**
179601-23-1	m,p-Xylenes	**4.7**	3.4	1.2	0.48	
75-25-2	Bromoform	1.1	1.8	1.1	0.38	**U**
100-42-5	Styrene	1.1	1.8	1.1	0.29	**U**
95-47-6	o-Xylene	**5.1**	1.8	0.58	0.26	
108-67-8	1,3,5-Trimethylbenzene	**2.0**	1.8	0.58	0.26	
95-63-6	1,2,4-Trimethylbenzene	**0.51**	1.8	0.58	0.25	**J**
120-82-1	1,2,4-Trichlorobenzene	1.1	3.4	1.1	0.45	**U**
91-20-3	Naphthalene	1.1	1.8	1.1	0.45	**U**
1330-20-7	Xylenes, Total	**9.8**	3.4	1.2	0.48	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS01286

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.96

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	120	190	120	48	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**70**	190	120	32	**J**
74-87-3	Chloromethane	120	190	120	32	**U**
75-01-4	Vinyl Chloride	63	200	63	21	**U**
106-99-0	1,3-Butadiene	120	190	120	33	**U**
75-00-3	Chloroethane	120	190	120	25	**U**
64-17-5	Ethanol	310	2,000	310	140	**U**
67-64-1	Acetone	1,000	1,900	1,000	450	**U**
75-69-4	Trichlorofluoromethane	120	190	120	30	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	230	370	230	82	**U**
75-09-2	Methylene Chloride	120	190	120	56	**U**
76-13-1	Trichlorotrifluoroethane	63	200	63	28	**U**
75-15-0	Carbon Disulfide	200	370	200	60	**U**
75-34-3	1,1-Dichloroethane	120	200	120	29	**U**
78-93-3	2-Butanone (MEK)	120	370	120	41	**U**
141-78-6	Ethyl Acetate	240	370	240	100	**U**
110-54-3	n-Hexane	**4,100**	190	120	41	
67-66-3	Chloroform	63	200	63	26	**U**
109-99-9	Tetrahydrofuran (THF)	63	370	63	25	**U**
107-06-2	1,2-Dichloroethane	63	190	63	22	**U**
71-43-2	Benzene	**290**	190	63	29	
56-23-5	Carbon Tetrachloride	63	190	63	28	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-350-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-016

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SS01286

Initial Pressure (psig): -3.57 Final Pressure (psig): 5.96

Container Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**57,000**	370	130	56	
75-27-4	Bromodichloromethane	63	190	63	29	**U**
79-01-6	Trichloroethene	**47**	190	63	27	**J**
123-91-1	1,4-Dioxane	63	190	63	23	**U**
142-82-5	n-Heptane	**51**	190	120	32	**J**
108-10-1	4-Methyl-2-pentanone	63	370	63	27	**U**
108-88-3	Toluene	**160**	190	63	24	**J**
591-78-6	2-Hexanone	63	370	63	25	**U**
124-48-1	Dibromochloromethane	63	190	63	26	**U**
106-93-4	1,2-Dibromoethane	63	190	63	23	**U**
127-18-4	Tetrachloroethene	63	190	63	26	**U**
100-41-4	Ethylbenzene	63	190	63	28	**U**
179601-23-1	m,p-Xylenes	130	370	130	52	**U**
75-25-2	Bromoform	120	200	120	41	**U**
100-42-5	Styrene	120	190	120	32	**U**
95-47-6	o-Xylene	**91**	200	63	29	**J**
108-67-8	1,3,5-Trimethylbenzene	**35**	200	63	29	**J**
95-63-6	1,2,4-Trimethylbenzene	63	190	63	28	**U**
120-82-1	1,2,4-Trichlorobenzene	120	370	120	48	**U**
91-20-3	Naphthalene	120	190	120	48	**U**
1330-20-7	Xylenes, Total	**91**	370	130	52	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17 - 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00040 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01287

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.93

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1,600	2,600	1,600	640	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,600	2,600	1,600	430	**U**
74-87-3	Chloromethane	1,600	2,600	1,600	420	**U**
75-01-4	Vinyl Chloride	840	2,600	840	280	**U**
106-99-0	1,3-Butadiene	1,600	2,600	1,600	430	**U**
75-00-3	Chloroethane	1,600	2,600	1,600	330	**U**
64-17-5	Ethanol	4,100	26,000	4,100	1,800	**U**
67-64-1	Acetone	13,000	26,000	13,000	5,900	**U**
75-69-4	Trichlorofluoromethane	1,600	2,500	1,600	400	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	3,100	4,900	3,100	1,100	**U**
75-09-2	Methylene Chloride	1,600	2,600	1,600	740	**U**
76-13-1	Trichlorotrifluoroethane	840	2,600	840	370	**U**
75-15-0	Carbon Disulfide	2,700	4,900	2,700	790	**U**
75-34-3	1,1-Dichloroethane	1,600	2,700	1,600	380	**U**
78-93-3	2-Butanone (MEK)	1,600	4,900	1,600	540	**U**
141-78-6	Ethyl Acetate	3,200	4,900	3,200	1,400	**U**
110-54-3	n-Hexane	**480,000**	2,600	1,600	540	
67-66-3	Chloroform	840	2,600	840	350	**U**
109-99-9	Tetrahydrofuran (THF)	840	4,900	840	330	**U**
107-06-2	1,2-Dichloroethane	840	2,600	840	290	**U**
71-43-2	Benzene	**57,000**	2,600	840	380	
56-23-5	Carbon Tetrachloride	840	2,500	840	360	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV15-450-212** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102358-017

Test Code: EPA TO-15 Date Collected: 4/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 4/23/21
Analyst: Simon Cao Date Analyzed: 5/17 - 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00040 Liter(s)
Test Notes: 0.00010 Liter(s)
Container ID: 1SS01287

Initial Pressure (psig): -4.23 Final Pressure (psig): 5.93

Container Dilution Factor: 1.97

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**600,000**		4,900	1,700	740	
75-27-4	Bromodichloromethane		840	2,600	840	380	**U**
79-01-6	Trichloroethene		840	2,500	840	350	**U**
123-91-1	1,4-Dioxane		840	2,600	840	310	**U**
142-82-5	n-Heptane	**490,000**		10,000	6,300	1,700	**D**
108-10-1	4-Methyl-2-pentanone		840	4,900	840	360	**U**
108-88-3	Toluene	**160,000**		2,600	840	320	
591-78-6	2-Hexanone		840	4,900	840	330	**U**
124-48-1	Dibromochloromethane		840	2,600	840	340	**U**
106-93-4	1,2-Dibromoethane		840	2,600	840	310	**U**
127-18-4	Tetrachloroethene		840	2,600	840	340	**U**
100-41-4	Ethylbenzene	**8,600**		2,600	840	370	
179601-23-1	m,p-Xylenes	**28,000**		4,900	1,700	690	
75-25-2	Bromoform		1,600	2,600	1,600	540	**U**
100-42-5	Styrene		1,600	2,600	1,600	420	**U**
95-47-6	o-Xylene	**10,000**		2,600	840	380	
108-67-8	1,3,5-Trimethylbenzene	**1,700**		2,600	840	380	**J**
95-63-6	1,2,4-Trimethylbenzene	**1,300**		2,600	840	360	**J**
120-82-1	1,2,4-Trichlorobenzene		1,600	4,900	1,600	640	**U**
91-20-3	Naphthalene		1,500	2,600	1,500	640	**U**
1330-20-7	Xylenes, Total	**38,000**		4,900	1,700	690	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The ending continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U, V**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	0.83	5.3	0.83	0.37	**U**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102358

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 4/19 - 4/20/21
Analyst: Simon Cao/Topacio Zavala Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/14 - 5/18/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210514-MB	**94**	**105**	**104**	70-130	
Method Blank	P210515-MB	**93**	**105**	**106**	70-130	
Method Blank	P210516-MB	**93**	**108**	**114**	70-130	
Method Blank	P210517-MB	**92**	**107**	**106**	70-130	
Lab Control Sample	P210514-LCS	**91**	**101**	**104**	70-130	
Lab Control Sample	P210515-LCS	**91**	**101**	**104**	70-130	
Lab Control Sample	P210516-LCS	**93**	**102**	**112**	70-130	
Lab Control Sample	P210517-LCS	**91**	**102**	**104**	70-130	
Duplicate Lab Control Sample	P210514-DLCS	**91**	**101**	**103**	70-130	
Duplicate Lab Control Sample	P210515-DLCS	**91**	**102**	**105**	70-130	
Duplicate Lab Control Sample	P210516-DLCS	**92**	**103**	**110**	70-130	
Duplicate Lab Control Sample	P210517-DLCS	**92**	**102**	**104**	70-130	
SV10-250-212	P2102358-001	**92**	**103**	**106**	70-130	
SV11-050-212	P2102358-002	**93**	**98**	**108**	70-130	
SV11-100-212	P2102358-003	**91**	**99**	**103**	70-130	
SV11-250-212	P2102358-004	**91**	**102**	**104**	70-130	
SV11-260-212	P2102358-005	**93**	**106**	**107**	70-130	
SV12-150-212	P2102358-006	**92**	**101**	**103**	70-130	
SV12-250-212	P2102358-007	**95**	**91**	**98**	70-130	
SV12-350-212	P2102358-008	**93**	**104**	**107**	70-130	
SV12-450-212	P2102358-009	**93**	**104**	**106**	70-130	
SV13-150-212	P2102358-010	**92**	**101**	**100**	70-130	
SV13-250-212	P2102358-011	**93**	**102**	**103**	70-130	
SV13-350-212	P2102358-012	**92**	**104**	**108**	70-130	
SV13-450-212	P2102358-013	**92**	**93**	**98**	70-130	
SV15-150-212	P2102358-014	**93**	**99**	**102**	70-130	
SV15-250-212	P2102358-015	**93**	**104**	**105**	70-130	
SV15-350-212	P2102358-016	**91**	**104**	**106**	70-130	
SV15-450-212	P2102358-017	**91**	**105**	**106**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	162	157	**77**	**75**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	170	167	**81**	**80**	59-128	1	25	
74-87-3	Chloromethane	206	185	180	**90**	**87**	59-132	3	25	
75-01-4	Vinyl Chloride	208	188	187	**90**	**90**	64-127	0	25	
106-99-0	1,3-Butadiene	210	211	209	**100**	**100**	66-134	0	25	
75-00-3	Chloroethane	204	193	191	**95**	**94**	63-127	1	25	
64-17-5	Ethanol	998	818	815	**82**	**82**	59-125	0	25	
67-64-1	Acetone	1,030	841	842	**82**	**82**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	169	169	**83**	**83**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	325	328	**80**	**80**	52-125	0	25	
75-09-2	Methylene Chloride	208	182	180	**88**	**87**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	185	185	**86**	**86**	66-126	0	25	
75-15-0	Carbon Disulfide	428	377	376	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	175	174	**83**	**82**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	367	367	**89**	**89**	67-130	0	25	
141-78-6	Ethyl Acetate	422	474	476	**112**	**113**	65-128	0.9	25	
110-54-3	n-Hexane	212	161	163	**76**	**77**	63-120	1	25	
67-66-3	Chloroform	214	177	177	**83**	**83**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	337	337	**84**	**84**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	171	172	**82**	**83**	65-128	1	25	
71-43-2	Benzene	204	155	155	**76**	**76**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	177	175	**84**	**83**	68-132	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210514-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	363	363	**87**	**87**	70-117	0	25	
75-27-4	Bromodichloromethane	210	181	181	**86**	**86**	72-128	0	25	
79-01-6	Trichloroethene	206	181	181	**88**	**88**	71-123	0	25	
123-91-1	1,4-Dioxane	208	170	170	**82**	**82**	71-122	0	25	
142-82-5	n-Heptane	210	180	180	**86**	**86**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	371	373	**89**	**90**	67-130	1	25	
108-88-3	Toluene	206	173	173	**84**	**84**	66-119	0	25	
591-78-6	2-Hexanone	404	344	348	**85**	**86**	62-128	1	25	
124-48-1	Dibromochloromethane	210	206	205	**98**	**98**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	202	201	**97**	**97**	74-122	0	25	
127-18-4	Tetrachloroethene	206	182	181	**88**	**88**	66-124	0	25	
100-41-4	Ethylbenzene	206	182	182	**88**	**88**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	362	363	**88**	**88**	61-134	0	25	
75-25-2	Bromoform	208	213	214	**102**	**103**	66-139	1	25	
100-42-5	Styrene	206	178	178	**86**	**86**	73-127	0	25	
95-47-6	o-Xylene	206	180	180	**87**	**87**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	182	182	**88**	**88**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	204	184	185	**90**	**91**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	371	374	**96**	**96**	55-142	0	25	
91-20-3	Naphthalene	198	197	200	**99**	**101**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	163	160	**78**	**76**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	169	169	**80**	**80**	59-128	0	25	
74-87-3	Chloromethane	206	182	180	**88**	**87**	59-132	1	25	
75-01-4	Vinyl Chloride	208	166	161	**80**	**77**	64-127	4	25	
106-99-0	1,3-Butadiene	210	171	189	**81**	**90**	66-134	11	25	
75-00-3	Chloroethane	204	191	189	**94**	**93**	63-127	1	25	
64-17-5	Ethanol	998	823	821	**82**	**82**	59-125	0	25	
67-64-1	Acetone	1,030	856	849	**83**	**82**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	171	171	**84**	**84**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	333	330	**82**	**81**	52-125	1	25	
75-09-2	Methylene Chloride	208	184	183	**88**	**88**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	187	188	**87**	**88**	66-126	1	25	
75-15-0	Carbon Disulfide	428	380	379	**89**	**89**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	177	177	**83**	**83**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	373	371	**91**	**90**	67-130	1	25	
141-78-6	Ethyl Acetate	422	484	482	**115**	**114**	65-128	0.9	25	
110-54-3	n-Hexane	212	166	165	**78**	**78**	63-120	0	25	
67-66-3	Chloroform	214	179	178	**84**	**83**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	342	341	**86**	**85**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	174	174	**84**	**84**	65-128	0	25	
71-43-2	Benzene	204	157	156	**77**	**76**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	178	178	**85**	**85**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210515-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	367	365	**88**	**88**	70-117	0	25	
75-27-4	Bromodichloromethane	210	182	181	**87**	**86**	72-128	1	25	
79-01-6	Trichloroethene	206	183	184	**89**	**89**	71-123	0	25	
123-91-1	1,4-Dioxane	208	173	172	**83**	**83**	71-122	0	25	
142-82-5	n-Heptane	210	182	181	**87**	**86**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	376	374	**90**	**90**	67-130	0	25	
108-88-3	Toluene	206	176	177	**85**	**86**	66-119	1	25	
591-78-6	2-Hexanone	404	352	351	**87**	**87**	62-128	0	25	
124-48-1	Dibromochloromethane	210	208	210	**99**	**100**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	204	206	**98**	**99**	74-122	1	25	
127-18-4	Tetrachloroethene	206	183	186	**89**	**90**	66-124	1	25	
100-41-4	Ethylbenzene	206	185	185	**90**	**90**	70-124	0	25	
179601-23-1	m,p-Xylenes	412	368	369	**89**	**90**	61-134	1	25	
75-25-2	Bromoform	208	218	220	**105**	**106**	66-139	0.9	25	
100-42-5	Styrene	206	181	182	**88**	**88**	73-127	0	25	
95-47-6	o-Xylene	206	182	183	**88**	**89**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	183	185	**89**	**90**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	186	188	**91**	**92**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	374	380	**96**	**98**	55-142	2	25	
91-20-3	Naphthalene	198	197	201	**99**	**102**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	156	157	**74**	**75**	57-136	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	204	199	**97**	**95**	59-128	2	25	
74-87-3	Chloromethane	206	191	192	**93**	**93**	59-132	0	25	
75-01-4	Vinyl Chloride	208	194	200	**93**	**96**	64-127	3	25	
106-99-0	1,3-Butadiene	210	211	217	**100**	**103**	66-134	3	25	
75-00-3	Chloroethane	204	188	199	**92**	**98**	63-127	6	25	
64-17-5	Ethanol	998	760	821	**76**	**82**	59-125	8	25	
67-64-1	Acetone	1,030	850	883	**83**	**86**	58-128	4	25	
75-69-4	Trichlorofluoromethane	204	208	205	**102**	**100**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	327	345	**80**	**85**	52-125	6	25	
75-09-2	Methylene Chloride	208	196	202	**94**	**97**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	214	224	223	**105**	**104**	66-126	1	25	
75-15-0	Carbon Disulfide	428	405	415	**95**	**97**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	182	189	**86**	**89**	68-126	3	25	
78-93-3	2-Butanone (MEK)	412	388	401	**94**	**97**	67-130	3	25	
141-78-6	Ethyl Acetate	422	491	508	**116**	**120**	65-128	3	25	
110-54-3	n-Hexane	212	165	170	**78**	**80**	63-120	3	25	
67-66-3	Chloroform	214	204	205	**95**	**96**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	355	367	**89**	**92**	64-123	3	25	
107-06-2	1,2-Dichloroethane	208	205	203	**99**	**98**	65-128	1	25	
71-43-2	Benzene	204	170	173	**83**	**85**	69-119	2	25	
56-23-5	Carbon Tetrachloride	210	224	221	**107**	**105**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210516-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	395	404	**95**	**97**	70-117	2	25	
75-27-4	Bromodichloromethane	210	211	212	**100**	**101**	72-128	1	25	
79-01-6	Trichloroethene	206	217	215	**105**	**104**	71-123	1	25	
123-91-1	1,4-Dioxane	208	190	194	**91**	**93**	71-122	2	25	
142-82-5	n-Heptane	210	191	195	**91**	**93**	69-123	2	25	
108-10-1	4-Methyl-2-pentanone	416	389	399	**94**	**96**	67-130	2	25	
108-88-3	Toluene	206	206	208	**100**	**101**	66-119	1	25	
591-78-6	2-Hexanone	404	378	392	**94**	**97**	62-128	3	25	
124-48-1	Dibromochloromethane	210	263	262	**125**	**125**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	247	249	**119**	**120**	74-122	0.8	25	
127-18-4	Tetrachloroethene	206	236	233	**115**	**113**	66-124	2	25	
100-41-4	Ethylbenzene	206	221	223	**107**	**108**	70-124	0.9	25	
179601-23-1	m,p-Xylenes	412	446	446	**108**	**108**	61-134	0	25	
75-25-2	Bromoform	208	286	282	**138**	**136**	66-139	1	25	
100-42-5	Styrene	206	223	223	**108**	**108**	73-127	0	25	
95-47-6	o-Xylene	206	223	222	**108**	**108**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	231	228	**112**	**111**	67-130	0.9	25	
95-63-6	1,2,4-Trimethylbenzene	204	235	233	**115**	**114**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	388	445	466	**115**	**120**	55-142	4	25	
91-20-3	Naphthalene	198	221	236	**112**	**119**	57-138	6	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	177	171	**84**	**81**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	198	192	**94**	**91**	59-128	3	25	
74-87-3	Chloromethane	206	217	206	**105**	**100**	59-132	5	25	
75-01-4	Vinyl Chloride	208	217	214	**104**	**103**	64-127	1	25	
106-99-0	1,3-Butadiene	210	239	237	**114**	**113**	66-134	0.9	25	
75-00-3	Chloroethane	204	222	217	**109**	**106**	63-127	3	25	
64-17-5	Ethanol	998	922	918	**92**	**92**	59-125	0	25	
67-64-1	Acetone	1,030	960	953	**93**	**93**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	200	197	**98**	**97**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	374	375	**92**	**92**	52-125	0	25	
75-09-2	Methylene Chloride	208	210	207	**101**	**100**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	219	216	**102**	**101**	66-126	1	25	
75-15-0	Carbon Disulfide	428	433	429	**101**	**100**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	199	198	**94**	**93**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	417	417	**101**	**101**	67-130	0	25	
141-78-6	Ethyl Acetate	422	544	546	**129**	**129**	65-128	0	25	**L**
110-54-3	n-Hexane	212	182	182	**86**	**86**	63-120	0	25	
67-66-3	Chloroform	214	206	205	**96**	**96**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	382	382	**96**	**96**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	201	199	**97**	**96**	65-128	1	25	
71-43-2	Benzene	204	180	177	**88**	**87**	69-119	1	25	
56-23-5	Carbon Tetrachloride	210	208	207	**99**	**99**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210517-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	414	411	**100**	**99**	70-117	1	25	
75-27-4	Bromodichloromethane	210	211	208	**100**	**99**	72-128	1	25	
79-01-6	Trichloroethene	206	213	209	**103**	**101**	71-123	2	25	
123-91-1	1,4-Dioxane	208	197	195	**95**	**94**	71-122	1	25	
142-82-5	n-Heptane	210	203	202	**97**	**96**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	423	420	**102**	**101**	67-130	1	25	
108-88-3	Toluene	206	206	204	**100**	**99**	66-119	1	25	
591-78-6	2-Hexanone	404	405	405	**100**	**100**	62-128	0	25	
124-48-1	Dibromochloromethane	210	248	245	**118**	**117**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	244	240	**117**	**115**	74-122	2	25	
127-18-4	Tetrachloroethene	206	220	217	**107**	**105**	66-124	2	25	
100-41-4	Ethylbenzene	206	217	215	**105**	**104**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	432	428	**105**	**104**	61-134	1	25	
75-25-2	Bromoform	208	261	258	**125**	**124**	66-139	0.8	25	
100-42-5	Styrene	206	215	213	**104**	**103**	73-127	1	25	
95-47-6	o-Xylene	206	215	213	**104**	**103**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	206	217	215	**105**	**104**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	220	218	**108**	**107**	66-132	0.9	25	
120-82-1	1,2,4-Trichlorobenzene	388	441	443	**114**	**114**	55-142	0	25	
91-20-3	Naphthalene	198	228	231	**115**	**117**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05142101.D
Analyst: Simon Cao Date Analyzed: 5/14/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 07:38
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	168384		9.15	755922		11.11		384401		15.45	
	Upper Limit	235738		9.48	1058291		11.44		538161		15.78	
	Lower Limit	101030		8.82	453553		10.78		230641		15.12	
	Client Sample ID											
01	Method Blank	152548		9.12	685169		11.09		338761		15.44	
02	Lab Control Sample	158866		9.15	711714		11.11		360828		15.45	
03	Duplicate Lab Control Sample	158433		9.15	712326		11.11		360454		15.45	
04	SV10-250-212	159379		9.13	709700		11.10		347585		15.45	
05	SV15-250-212	159158		9.13	717464		11.10		353586		15.45	
06	SV12-150-212	157135		9.13	711645		11.10		356907		15.45	
07	SV12-250-212	151409		9.14	601640		11.11		360820		15.45	
08	SV12-350-212	149902		9.12	679214		11.10		340091		15.44	
09	SV12-450-212	155323		9.12	701358		11.09		351300		15.44	
10	SV13-250-212	154010		9.12	698087		11.10		353723		15.45	
11	SV13-350-212	147291		9.12	669991		11.10		333087		15.45	
12	SV13-450-212	148045		9.13	667812		11.10		363357		15.45	
13	SV15-150-212	144891		9.12	658044		11.10		343229		15.45	
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05152101.D
Analyst: Simon Cao Date Analyzed: 5/15/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 00:07
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	156474		9.15	709601		11.11		363487		15.45	
	Upper Limit	219064		9.48	993441		11.44		508882		15.78	
	Lower Limit	93884		8.82	425761		10.78		218092		15.12	
	Client Sample ID											
01	Method Blank	149102		9.12	679790		11.10		335500		15.44	
02	Lab Control Sample	158194		9.15	712329		11.11		359784		15.45	
03	Duplicate Lab Control Sample	156396		9.15	707581		11.11		355267		15.45	
04	SV12-150-212 (Dilution)	149052		9.12	665549		11.10		323161		15.44	
05	SV12-250-212 (Dilution)	145801		9.13	650310		11.10		311774		15.45	
06	SV12-450-212 (Dilution)	144314		9.12	641600		11.09		308032		15.44	
07												
08												
09												
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14												
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16												
17												
18												
19												
20												

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05162101.D
Analyst: Simon Cao Date Analyzed: 5/16/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 22:50
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	114851		9.15	512305		11.11		249659		15.45	
	Upper Limit	160791		9.48	717227		11.44		349523		15.78	
	Lower Limit	68911		8.82	307383		10.78		149795		15.12	
	Client Sample ID											
01	Method Blank	110965		9.12	486721		11.10		224813		15.44	
02	Lab Control Sample	108732		9.15	488874		11.11		239451		15.45	
03	Duplicate Lab Control Sample	117401		9.15	525299		11.11		254701		15.45	
04	SV11-050-212	114100		9.13	509607		11.10		259454		15.45	
05	SV11-100-212	147375		9.13	662601		11.10		322470		15.45	
06	SV11-250-212	139460		9.13	619854		11.10		299016		15.45	
07	SV11-250-212 (Dilution)	144290		9.12	645989		11.10		305684		15.44	
08	SV11-260-212	142743		9.12	641566		11.10		306871		15.44	
09	SV13-150-212	151816		9.12	685041		11.10		339001		15.45	
10	SV15-450-212 (Dilution)	146885		9.12	664137		11.10		316434		15.44	
11	SV15-350-212	145617		9.13	654009		11.10		311975		15.45	
12												
13												
14												
15												
16												
17												
18												
19												
20												

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IS3 (CBZ) = Chlorobenzene-d5

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102358
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 05172101.D
Analyst: Simon Cao Date Analyzed: 5/17/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 22:34
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	154440	9.15	695124	11.11	345332	15.45
	Upper Limit	216216	9.48	973174	11.44	483465	15.78
	Lower Limit	92664	8.82	417074	10.78	207199	15.12
	Client Sample ID						
01	Method Blank	142837	9.12	637095	11.10	303125	15.44
02	Lab Control Sample	142912	9.15	641545	11.11	316060	15.45
03	Duplicate Lab Control Sample	143739	9.15	648644	11.11	319081	15.45
04	SV15-450-212	149849	9.12	675255	11.10	316805	15.45
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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

May 24, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on April 23, 2021. For your reference, these analyses have been assigned our service request number P2102359.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 9:13 am, May 24, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102359
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on April 23, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The spike recovery of ethyl acetate for Laboratory Control Sample (LCS) name was outside the Department of Defense (DoD) upper control criterion. The error associated with reduced recovery equates to a potential high bias. However, the spike recovery of the analytes in question was within laboratory control/method criteria; therefore, the data quality is not significantly affected. No further corrective action was taken.

Manual integrations were performed on the following samples and analytes. Refer to the raw data for additional information.

Sample Identifications	Analytes
P2102359-001,002,003	acetone

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102359

Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 4/23/2021

Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SV3-007-612	P2102359-001	Air	4/20/2021	12:47	1SS01337	-3.99	5.16	X
SV3-007-212	P2102359-002	Air	4/20/2021	12:47	1SS01299	-3.46	5.26	X
SV3-015-212	P2102359-003	Air	4/20/2021	12:52	1SS01164	-2.86	5.61	X
SV3-272-212	P2102359-004	Air	4/20/2021	13:03	1SS01202	-1.12	5.73	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 1

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

COC #: **COC-SV212-04**

Requested Turnaround Time In Business Days
10 Day-Standard

ALS Project No. P2102359

Company Name & Address (Reporting Information)	EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Name	Kirtland AFB Bulk Fuels Faciltiy
Project Number	62735DM02
P.O. # / Billing Information	17682
Project Manager / Project Chemist	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Email Address for Result Reporting	Tara Lamond: Amanda Smith: Pam Moss:
Sampler (Print & Sign)	Tyler Cirley
ALS Contact:	Hayden Akers 1 (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List	Comments e.g. Actual Preservative or specific instructions
SV3-007-612	1	4/20/2021	12:47	1SS01337	NA	-25.5	-4.0	1L	X	None
SV3-007-212	2	4/20/2021	12:47	1SS01299	NA	-27.0	-3.0	1L	X	None
SV3-015-212	3	4/20/2021	12:52	1SS01164	NA	-26.5	-3.0	1L	X	None
SV3-272-212	4	4/20/2021	13:03	1SS01202	NA	-25.0	-4.0	1L	X	None
								1L	X	None
								1L	X	None
								1L	X	None
								1L	X	None
								1L	X	None
								1L	X	None

5 of 42

FedEX Tracking Number: 9719 9695 2044

Shipping information: Box number 7 of 7

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) X

EDD required: **Yes**
Type: ERPIMS / EQuIS

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements: QAPP

Relinquished by: (Signature)	Date: 4-21-21	Time: 1130	Received by: (Signature)	Date: 4-23-21	Time: 0930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102359

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 4/23/2021 Date opened: 4/23/2021 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102359-001.01	1.0 L Source Silonite Canister					
P2102359-002.01	1.0 L Source Silonite Canister					
P2102359-003.01	1.0 L Source Silonite Canister					
P2102359-004.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-612** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/18 - 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01337

Initial Pressure (psig): -3.99 Final Pressure (psig): 5.16

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**97**	1.4	0.86	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.27**	0.49	0.30	0.081	**J**
74-87-3	Chloromethane	0.72	1.2	0.72	0.19	**U**
75-01-4	Vinyl Chloride	0.31	0.96	0.31	0.10	**U**
106-99-0	1,3-Butadiene	0.67	1.1	0.67	0.18	**U**
75-00-3	Chloroethane	0.56	0.91	0.56	0.12	**U**
64-17-5	Ethanol	**17**	13	2.0	0.91	
67-64-1	Acetone	**14**	10	5.3	2.3	
75-69-4	Trichlorofluoromethane	**0.20**	0.42	0.26	0.067	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**640**	19	12	4.1	**D**
75-09-2	Methylene Chloride	0.43	0.69	0.43	0.20	**U**
76-13-1	Trichlorotrifluoroethane	**0.47**	0.32	0.10	0.046	
75-15-0	Carbon Disulfide	0.80	1.5	0.80	0.24	**U**
75-34-3	1,1-Dichloroethane	0.38	0.62	0.38	0.089	**U**
78-93-3	2-Butanone (MEK)	**3.8**	1.6	0.50	0.17	
141-78-6	Ethyl Acetate	0.83	1.3	0.83	0.36	**U**
110-54-3	n-Hexane	**100**	0.68	0.42	0.14	
67-66-3	Chloroform	**0.11**	0.50	0.16	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	0.27	1.6	0.27	0.11	**U**
107-06-2	1,2-Dichloroethane	0.19	0.59	0.19	0.067	**U**
71-43-2	Benzene	**67**	0.75	0.25	0.11	
56-23-5	Carbon Tetrachloride	**0.12**	0.38	0.13	0.054	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-612** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/18 - 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01337

Initial Pressure (psig): -3.99 Final Pressure (psig): 5.16

Container Dilution Factor: 1.85

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**390**	13	4.6	2.0	**D**
75-27-4	Bromodichloromethane	0.12	0.36	0.12	0.053	**U**
79-01-6	Trichloroethene	0.15	0.44	0.15	0.062	**U**
123-91-1	1,4-Dioxane	0.22	0.67	0.22	0.081	**U**
142-82-5	n-Heptane	**45**	0.59	0.36	0.096	
108-10-1	4-Methyl-2-pentanone	**0.14**	1.1	0.19	0.082	**J**
108-88-3	Toluene	**190**	6.4	2.1	0.80	**D**
591-78-6	2-Hexanone	0.19	1.1	0.19	0.075	**U**
124-48-1	Dibromochloromethane	0.092	0.28	0.092	0.038	**U**
106-93-4	1,2-Dibromoethane	**0.86**	0.31	0.10	0.037	
127-18-4	Tetrachloroethene	0.12	0.35	0.12	0.047	**U**
100-41-4	Ethylbenzene	**21**	0.55	0.18	0.080	
179601-23-1	m,p-Xylenes	**39**	1.1	0.36	0.15	
75-25-2	Bromoform	0.14	0.24	0.14	0.049	**U**
100-42-5	Styrene	**0.17**	0.57	0.35	0.093	**J**
95-47-6	o-Xylene	**24**	0.56	0.18	0.082	
108-67-8	1,3,5-Trimethylbenzene	**5.8**	0.50	0.16	0.072	
95-63-6	1,2,4-Trimethylbenzene	**8.0**	0.49	0.16	0.070	
120-82-1	1,2,4-Trichlorobenzene	0.20	0.62	0.20	0.081	**U**
91-20-3	Naphthalene	**1.8**	0.46	0.27	0.11	
1330-20-7	Xylenes, Total	**62**	1.1	0.36	0.15	

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01299

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.26

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.2**	1.3	0.83	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.47**	0.47	0.29	0.078	
74-87-3	Chloromethane	0.69	1.1	0.69	0.19	**U**
75-01-4	Vinyl Chloride	0.30	0.92	0.30	0.099	**U**
106-99-0	1,3-Butadiene	0.64	1.0	0.64	0.18	**U**
75-00-3	Chloroethane	0.54	0.88	0.54	0.11	**U**
64-17-5	Ethanol	**17**	13	2.0	0.87	
67-64-1	Acetone	**10**	9.7	5.1	2.2	
75-69-4	Trichlorofluoromethane	**0.22**	0.40	0.25	0.064	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.2**	1.8	1.1	0.40	
75-09-2	Methylene Chloride	0.41	0.67	0.41	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**0.43**	0.31	0.099	0.044	
75-15-0	Carbon Disulfide	**0.54**	1.4	0.77	0.23	**J**
75-34-3	1,1-Dichloroethane	0.36	0.59	0.36	0.086	**U**
78-93-3	2-Butanone (MEK)	**4.7**	1.5	0.48	0.17	
141-78-6	Ethyl Acetate	0.80	1.2	0.80	0.35	**U**
110-54-3	n-Hexane	**92**	0.66	0.40	0.14	
67-66-3	Chloroform	**0.12**	0.48	0.15	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	0.26	1.5	0.26	0.10	**U**
107-06-2	1,2-Dichloroethane	0.19	0.57	0.19	0.065	**U**
71-43-2	Benzene	**80**	0.72	0.24	0.11	
56-23-5	Carbon Tetrachloride	**0.12**	0.36	0.12	0.052	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01299

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.26

Container Dilution Factor: 1.78

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**360**	13	4.4	1.9	**D**
75-27-4	Bromodichloromethane	0.11	0.35	0.11	0.051	**U**
79-01-6	Trichloroethene	0.14	0.42	0.14	0.060	**U**
123-91-1	1,4-Dioxane	0.21	0.64	0.21	0.078	**U**
142-82-5	n-Heptane	**39**	0.56	0.35	0.092	
108-10-1	4-Methyl-2-pentanone	**0.12**	1.1	0.18	0.079	**J**
108-88-3	Toluene	**220**	6.1	2.0	0.77	**D**
591-78-6	2-Hexanone	0.18	1.1	0.18	0.072	**U**
124-48-1	Dibromochloromethane	0.089	0.27	0.089	0.037	**U**
106-93-4	1,2-Dibromoethane	**0.89**	0.30	0.098	0.036	
127-18-4	Tetrachloroethene	0.11	0.34	0.11	0.045	**U**
100-41-4	Ethylbenzene	**25**	0.53	0.17	0.077	
179601-23-1	m,p-Xylenes	**44**	1.0	0.35	0.14	
75-25-2	Bromoform	0.14	0.23	0.14	0.047	**U**
100-42-5	Styrene	**0.15**	0.54	0.33	0.090	**J**
95-47-6	o-Xylene	**27**	0.54	0.17	0.079	
108-67-8	1,3,5-Trimethylbenzene	**5.8**	0.48	0.15	0.070	
95-63-6	1,2,4-Trimethylbenzene	**5.4**	0.47	0.15	0.067	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.60	0.19	0.078	**U**
91-20-3	Naphthalene	**1.0**	0.44	0.26	0.11	
1330-20-7	Xylenes, Total	**71**	1.0	0.35	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SS01164

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.61

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.3**	1.3	0.80	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	0.28	0.45	0.28	0.076	**U**
74-87-3	Chloromethane	0.67	1.1	0.67	0.18	**U**
75-01-4	Vinyl Chloride	0.29	0.89	0.29	0.096	**U**
106-99-0	1,3-Butadiene	0.62	1.0	0.62	0.17	**U**
75-00-3	Chloroethane	0.52	0.85	0.52	0.11	**U**
64-17-5	Ethanol	**13**	12	1.9	0.84	
67-64-1	Acetone	**4.3**	9.4	4.9	2.2	**J**
75-69-4	Trichlorofluoromethane	**0.17**	0.39	0.24	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**15**	1.8	1.1	0.39	
75-09-2	Methylene Chloride	0.40	0.64	0.40	0.19	**U**
76-13-1	Trichlorotrifluoroethane	**1.0**	0.30	0.095	0.043	
75-15-0	Carbon Disulfide	**0.31**	1.4	0.75	0.22	**J**
75-34-3	1,1-Dichloroethane	0.35	0.57	0.35	0.083	**U**
78-93-3	2-Butanone (MEK)	**2.0**	1.5	0.47	0.16	
141-78-6	Ethyl Acetate	**4.5**	1.2	0.78	0.33	
110-54-3	n-Hexane	**130**	13	7.8	2.7	**D**
67-66-3	Chloroform	0.15	0.47	0.15	0.063	**U**
109-99-9	Tetrahydrofuran (THF)	0.25	1.5	0.25	0.098	**U**
107-06-2	1,2-Dichloroethane	0.18	0.55	0.18	0.063	**U**
71-43-2	Benzene	**50**	0.70	0.23	0.10	
56-23-5	Carbon Tetrachloride	**0.22**	0.35	0.12	0.051	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SS01164

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.61

Container Dilution Factor: 1.72

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**810**	25	8.5	3.7	**D**
75-27-4	Bromodichloromethane	0.11	0.33	0.11	0.049	**U**
79-01-6	Trichloroethene	0.14	0.41	0.14	0.058	**U**
123-91-1	1,4-Dioxane	0.20	0.62	0.20	0.075	**U**
142-82-5	n-Heptane	**78**	0.55	0.34	0.089	
108-10-1	4-Methyl-2-pentanone	0.18	1.0	0.18	0.077	**U**
108-88-3	Toluene	**110**	12	3.9	1.5	**D**
591-78-6	2-Hexanone	0.18	1.1	0.18	0.069	**U**
124-48-1	Dibromochloromethane	0.086	0.26	0.086	0.035	**U**
106-93-4	1,2-Dibromoethane	**1.5**	0.29	0.095	0.035	
127-18-4	Tetrachloroethene	**0.081**	0.33	0.11	0.044	**J**
100-41-4	Ethylbenzene	**13**	0.51	0.17	0.074	
179601-23-1	m,p-Xylenes	**27**	0.99	0.34	0.14	
75-25-2	Bromoform	0.13	0.22	0.13	0.046	**U**
100-42-5	Styrene	0.32	0.53	0.32	0.087	**U**
95-47-6	o-Xylene	**13**	0.52	0.17	0.076	
108-67-8	1,3,5-Trimethylbenzene	**2.7**	0.46	0.15	0.067	
95-63-6	1,2,4-Trimethylbenzene	**3.5**	0.46	0.15	0.065	
120-82-1	1,2,4-Trichlorobenzene	0.19	0.58	0.19	0.075	**U**
91-20-3	Naphthalene	**0.51**	0.43	0.25	0.11	
1330-20-7	Xylenes, Total	**40**	0.99	0.34	0.14	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client:	**EA Engineering, Science, and Technology, Inc.**		
Client Sample ID:	**SV3-272-212**	ALS Project ID:	P2102359
Client Project ID:	**Kirtland AFB Bulk Fuels Facility / 62735DM02**	ALS Sample ID:	P2102359-004
Test Code:	EPA TO-15	Date Collected:	4/20/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	4/23/21
Analyst:	Lusine Hakobyan	Date Analyzed:	5/19/21
Sampling Media:	1.0 L Silonite Summa Canister	Volume(s) Analyzed:	0.40 Liter(s)
Test Notes:			0.040 Liter(s)
Container ID:	1SS01202		

Initial Pressure (psig): -1.12 Final Pressure (psig): 5.73

Container Dilution Factor: 1.50

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**31**	1.1	0.70	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.33**	0.39	0.24	0.066	**J**
74-87-3	Chloromethane	**0.18**	0.94	0.58	0.16	**J**
75-01-4	Vinyl Chloride	0.25	0.78	0.25	0.084	**U**
106-99-0	1,3-Butadiene	0.54	0.88	0.54	0.15	**U**
75-00-3	Chloroethane	0.45	0.74	0.45	0.094	**U**
64-17-5	Ethanol	**15**	11	1.7	0.74	
67-64-1	Acetone	**140**	8.2	4.3	1.9	
75-69-4	Trichlorofluoromethane	**0.15**	0.34	0.21	0.054	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**65**	1.5	0.96	0.34	
75-09-2	Methylene Chloride	0.35	0.56	0.35	0.16	**U**
76-13-1	Trichlorotrifluoroethane	**0.054**	0.26	0.083	0.037	**J**
75-15-0	Carbon Disulfide	**0.83**	1.2	0.65	0.19	**J**
75-34-3	1,1-Dichloroethane	0.31	0.50	0.31	0.072	**U**
78-93-3	2-Butanone (MEK)	**21**	1.3	0.41	0.14	
141-78-6	Ethyl Acetate	0.68	1.0	0.68	0.29	**U**
110-54-3	n-Hexane	**7.7**	0.55	0.34	0.12	
67-66-3	Chloroform	0.13	0.41	0.13	0.055	**U**
109-99-9	Tetrahydrofuran (THF)	**0.089**	1.3	0.22	0.085	**J**
107-06-2	1,2-Dichloroethane	0.16	0.48	0.16	0.055	**U**
71-43-2	Benzene	**63**	0.61	0.20	0.090	
56-23-5	Carbon Tetrachloride	**0.045**	0.30	0.10	0.044	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01202

Initial Pressure (psig): -1.12 Final Pressure (psig): 5.73

Container Dilution Factor: 1.50

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**19**	1.1	0.37	0.16	
75-27-4	Bromodichloromethane	0.095	0.29	0.095	0.043	**U**
79-01-6	Trichloroethene	0.12	0.36	0.12	0.050	**U**
123-91-1	1,4-Dioxane	0.18	0.54	0.18	0.066	**U**
142-82-5	n-Heptane	**22**	0.48	0.29	0.078	
108-10-1	4-Methyl-2-pentanone	**0.76**	0.92	0.16	0.067	**J**
108-88-3	Toluene	**250**	5.2	1.7	0.65	**D**
591-78-6	2-Hexanone	0.16	0.92	0.16	0.060	**U**
124-48-1	Dibromochloromethane	0.075	0.23	0.075	0.031	**U**
106-93-4	1,2-Dibromoethane	**2.2**	0.25	0.083	0.030	
127-18-4	Tetrachloroethene	0.094	0.29	0.094	0.038	**U**
100-41-4	Ethylbenzene	**20**	0.45	0.15	0.065	
179601-23-1	m,p-Xylenes	**58**	0.86	0.29	0.12	
75-25-2	Bromoform	0.12	0.19	0.12	0.040	**U**
100-42-5	Styrene	**0.10**	0.46	0.28	0.076	**J**
95-47-6	o-Xylene	**16**	0.46	0.15	0.067	
108-67-8	1,3,5-Trimethylbenzene	**2.6**	0.40	0.13	0.059	
95-63-6	1,2,4-Trimethylbenzene	**7.5**	0.40	0.13	0.056	
120-82-1	1,2,4-Trichlorobenzene	0.16	0.51	0.16	0.066	**U**
91-20-3	Naphthalene	**2.1**	0.37	0.22	0.093	
1330-20-7	Xylenes, Total	**74**	0.86	0.29	0.12	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	**U**
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	**U**
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	**U**
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	**U**
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	**U**
64-17-5	Ethanol	**0.20**	2.8	0.44	0.20	**J**
67-64-1	Acetone	1.1	2.2	1.1	0.51	**U**
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	**U**
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	**U**
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	**U**
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	**U**
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	**U**
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	**U**
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	**U**
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	**U**
67-66-3	Chloroform	0.035	0.11	0.035	0.015	**U**
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	**U**
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	**U**
71-43-2	Benzene	0.053	0.16	0.053	0.024	**U**
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	**U**
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	**U**
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	**U**
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	**U**
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	**U**
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	**U**
108-88-3	Toluene	0.045	0.14	0.045	0.017	**U**
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	**U**
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	**U**
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	**U**
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	**U**
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	**U**
75-25-2	Bromoform	0.031	0.051	0.031	0.011	**U**
100-42-5	Styrene	0.075	0.12	0.075	0.020	**U**
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	**U**
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	**U**
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	**U**
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102359

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/20/21
Analyst: Lusine Hakobyan Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/18 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210518-MB	**95**	**107**	**103**	70-130	
Method Blank	P210519-MB	**93**	**109**	**105**	70-130	
Lab Control Sample	P210518-LCS	**96**	**106**	**104**	70-130	
Lab Control Sample	P210519-LCS	**92**	**108**	**106**	70-130	
Duplicate Lab Control Sample	P210518-DLCS	**95**	**107**	**105**	70-130	
Duplicate Lab Control Sample	P210519-DLCS	**92**	**109**	**107**	70-130	
SV3-007-612	P2102359-001	**94**	**98**	**103**	70-130	
SV3-007-212	P2102359-002	**93**	**98**	**101**	70-130	
SV3-015-212	P2102359-003	**97**	**93**	**98**	70-130	
SV3-272-212	P2102359-004	**90**	**108**	**109**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	122	118	**100**	**97**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	40.7	39.2	**96**	**92**	59-128	4	25	
74-87-3	Chloromethane	99.8	88.9	81.6	**89**	**82**	59-132	8	25	
75-01-4	Vinyl Chloride	81.4	82.0	81.1	**101**	**100**	64-127	1	25	
106-99-0	1,3-Butadiene	95.0	94.0	91.5	**99**	**96**	66-134	3	25	
75-00-3	Chloroethane	77.3	76.9	76.5	**99**	**99**	63-127	0	25	
64-17-5	Ethanol	530	482	474	**91**	**89**	59-125	2	25	
67-64-1	Acetone	435	399	391	**92**	**90**	58-128	2	25	
75-69-4	Trichlorofluoromethane	36.3	34.7	34.1	**96**	**94**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	150	147	**90**	**89**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	60.0	59.0	**100**	**98**	62-115	2	25	
76-13-1	Trichlorotrifluoroethane	27.9	27.2	27.0	**97**	**97**	66-126	0	25	
75-15-0	Carbon Disulfide	137	140	138	**102**	**101**	57-134	1	25	
75-34-3	1,1-Dichloroethane	52.4	51.1	50.3	**98**	**96**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	144	143	**103**	**102**	67-130	1	25	
141-78-6	Ethyl Acetate	117	156	155	**133**	**132**	65-128	0.8	25	**L**
110-54-3	n-Hexane	60.2	56.2	55.5	**93**	**92**	63-120	1	25	
67-66-3	Chloroform	43.8	42.1	41.6	**96**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	134	134	**99**	**99**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	49.8	49.0	**97**	**95**	65-128	2	25	
71-43-2	Benzene	63.9	61.8	61.6	**97**	**96**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	31.7	31.1	**95**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	120	120	**99**	**99**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	30.8	30.3	**98**	**96**	72-128	2	25	
79-01-6	Trichloroethene	38.3	37.7	37.6	**98**	**98**	71-123	0	25	
123-91-1	1,4-Dioxane	57.7	61.0	60.8	**106**	**105**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	51.0	50.6	**99**	**99**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	104	102	**102**	**100**	67-130	2	25	
108-88-3	Toluene	54.7	55.6	55.5	**102**	**101**	66-119	1	25	
591-78-6	2-Hexanone	98.7	103	102	**104**	**103**	62-128	1	25	
124-48-1	Dibromochloromethane	24.7	27.0	27.0	**109**	**109**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	29.7	29.6	**110**	**109**	74-122	0.9	25	
127-18-4	Tetrachloroethene	30.4	30.4	29.9	**100**	**98**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	49.8	49.3	**105**	**104**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	96.8	95.8	**102**	**101**	61-134	1	25	
75-25-2	Bromoform	20.1	22.9	22.9	**114**	**114**	66-139	0	25	
100-42-5	Styrene	48.4	50.9	50.6	**105**	**105**	73-127	0	25	
95-47-6	o-Xylene	47.4	49.6	49.2	**105**	**104**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.4	43.0	**104**	**103**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	43.5	43.0	**105**	**104**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	53.5	53.2	**102**	**102**	55-142	0	25	
91-20-3	Naphthalene	37.8	39.8	39.8	**105**	**105**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	117	117	**96**	**96**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	38.9	38.7	**92**	**91**	59-128	1	25	
74-87-3	Chloromethane	99.8	81.5	80.3	**82**	**80**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	77.6	77.7	**95**	**95**	64-127	0	25	
106-99-0	1,3-Butadiene	95.0	87.2	87.2	**92**	**92**	66-134	0	25	
75-00-3	Chloroethane	77.3	76.9	78.0	**99**	**101**	63-127	2	25	
64-17-5	Ethanol	530	468	472	**88**	**89**	59-125	1	25	
67-64-1	Acetone	435	395	398	**91**	**91**	58-128	0	25	
75-69-4	Trichlorofluoromethane	36.3	33.1	33.4	**91**	**92**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	145	143	**87**	**86**	52-125	1	25	
75-09-2	Methylene Chloride	59.9	60.3	60.8	**101**	**102**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	26.8	27.1	**96**	**97**	66-126	1	25	
75-15-0	Carbon Disulfide	137	139	141	**101**	**103**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	50.5	50.9	**96**	**97**	68-126	1	25	
78-93-3	2-Butanone (MEK)	140	152	155	**109**	**111**	67-130	2	25	
141-78-6	Ethyl Acetate	117	155	156	**132**	**133**	65-128	0.8	25	**L**
110-54-3	n-Hexane	60.2	55.4	55.7	**92**	**93**	63-120	1	25	
67-66-3	Chloroform	43.8	41.2	41.5	**94**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	136	137	138	**101**	**101**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	47.2	47.8	**92**	**93**	65-128	1	25	
71-43-2	Benzene	63.9	62.2	62.6	**97**	**98**	69-119	1	25	
56-23-5	Carbon Tetrachloride	33.4	30.2	30.2	**90**	**90**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	119	120	**98**	**99**	70-117	1	25	
75-27-4	Bromodichloromethane	31.4	29.9	30.1	**95**	**96**	72-128	1	25	
79-01-6	Trichloroethene	38.3	37.0	37.6	**97**	**98**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	61.4	61.5	**106**	**107**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	50.9	51.3	**99**	**100**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	102	102	102	**100**	**100**	67-130	0	25	
108-88-3	Toluene	54.7	56.5	57.4	**103**	**105**	66-119	2	25	
591-78-6	2-Hexanone	98.7	106	108	**107**	**109**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	26.8	27.2	**109**	**110**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	27.1	29.7	30.3	**110**	**112**	74-122	2	25	
127-18-4	Tetrachloroethene	30.4	30.2	30.6	**99**	**101**	66-124	2	25	
100-41-4	Ethylbenzene	47.4	49.9	50.9	**105**	**107**	70-124	2	25	
179601-23-1	m,p-Xylenes	94.9	96.7	98.8	**102**	**104**	61-134	2	25	
75-25-2	Bromoform	20.1	22.8	23.2	**113**	**115**	66-139	2	25	
100-42-5	Styrene	48.4	53.9	55.0	**111**	**114**	73-127	3	25	
95-47-6	o-Xylene	47.4	49.6	50.5	**105**	**107**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	43.0	43.6	**103**	**104**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	42.6	43.2	**103**	**104**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	59.6	60.8	**114**	**116**	55-142	2	25	
91-20-3	Naphthalene	37.8	45.3	46.1	**120**	**122**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-612** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/18 - 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01337

Initial Pressure (psig): -3.99 Final Pressure (psig): 5.16

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**170**	2.4	1.5	0.60	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.3**	2.4	1.5	0.40	**J**
74-87-3	Chloromethane	1.5	2.4	1.5	0.40	**U**
75-01-4	Vinyl Chloride	0.79	2.5	0.79	0.26	**U**
106-99-0	1,3-Butadiene	1.5	2.4	1.5	0.41	**U**
75-00-3	Chloroethane	1.5	2.4	1.5	0.31	**U**
64-17-5	Ethanol	**33**	25	3.8	1.7	
67-64-1	Acetone	**32**	24	12	5.6	
75-69-4	Trichlorofluoromethane	**1.1**	2.4	1.5	0.37	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,600**	46	29	10	**D**
75-09-2	Methylene Chloride	1.5	2.4	1.5	0.69	**U**
76-13-1	Trichlorotrifluoroethane	**3.6**	2.5	0.79	0.35	
75-15-0	Carbon Disulfide	2.5	4.6	2.5	0.74	**U**
75-34-3	1,1-Dichloroethane	1.5	2.5	1.5	0.36	**U**
78-93-3	2-Butanone (MEK)	**11**	4.6	1.5	0.51	
141-78-6	Ethyl Acetate	3.0	4.6	3.0	1.3	**U**
110-54-3	n-Hexane	**360**	2.4	1.5	0.51	
67-66-3	Chloroform	**0.54**	2.5	0.79	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	0.79	4.6	0.79	0.31	**U**
107-06-2	1,2-Dichloroethane	0.79	2.4	0.79	0.27	**U**
71-43-2	Benzene	**210**	2.4	0.79	0.36	
56-23-5	Carbon Tetrachloride	**0.76**	2.4	0.79	0.34	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-612** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-001

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/18 - 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01337

Initial Pressure (psig): -3.99 Final Pressure (psig): 5.16

Container Dilution Factor: 1.85

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,300**		46	16	6.9	**D**
75-27-4	Bromodichloromethane		0.79	2.4	0.79	0.36	**U**
79-01-6	Trichloroethene		0.79	2.4	0.79	0.33	**U**
123-91-1	1,4-Dioxane		0.79	2.4	0.79	0.29	**U**
142-82-5	n-Heptane	**180**		2.4	1.5	0.39	
108-10-1	4-Methyl-2-pentanone	**0.59**		4.6	0.79	0.34	**J**
108-88-3	Toluene	**700**		24	7.9	3.0	**D**
591-78-6	2-Hexanone		0.79	4.6	0.79	0.31	**U**
124-48-1	Dibromochloromethane		0.79	2.4	0.79	0.32	**U**
106-93-4	1,2-Dibromoethane	**6.6**		2.4	0.79	0.29	
127-18-4	Tetrachloroethene		0.79	2.4	0.79	0.32	**U**
100-41-4	Ethylbenzene	**91**		2.4	0.79	0.35	
179601-23-1	m,p-Xylenes	**170**		4.6	1.6	0.65	
75-25-2	Bromoform		1.5	2.5	1.5	0.51	**U**
100-42-5	Styrene	**0.73**		2.4	1.5	0.40	**J**
95-47-6	o-Xylene	**100**		2.5	0.79	0.36	
108-67-8	1,3,5-Trimethylbenzene	**28**		2.5	0.79	0.36	
95-63-6	1,2,4-Trimethylbenzene	**39**		2.4	0.79	0.34	
120-82-1	1,2,4-Trichlorobenzene		1.5	4.6	1.5	0.60	**U**
91-20-3	Naphthalene	**9.5**		2.4	1.4	0.60	
1330-20-7	Xylenes, Total	**270**		4.6	1.6	0.65	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01299

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.26

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**5.5**	2.3	1.4	0.58	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.3	1.4	0.39	
74-87-3	Chloromethane	1.4	2.3	1.4	0.38	**U**
75-01-4	Vinyl Chloride	0.76	2.4	0.76	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.3	1.4	0.39	**U**
75-00-3	Chloroethane	1.4	2.3	1.4	0.29	**U**
64-17-5	Ethanol	**32**	24	3.7	1.6	
67-64-1	Acetone	**24**	23	12	5.3	
75-69-4	Trichlorofluoromethane	**1.3**	2.3	1.4	0.36	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.3**	4.5	2.8	0.98	
75-09-2	Methylene Chloride	1.4	2.3	1.4	0.67	**U**
76-13-1	Trichlorotrifluoroethane	**3.3**	2.4	0.76	0.34	
75-15-0	Carbon Disulfide	**1.7**	4.5	2.4	0.71	**J**
75-34-3	1,1-Dichloroethane	1.5	2.4	1.5	0.35	**U**
78-93-3	2-Butanone (MEK)	**14**	4.5	1.4	0.49	
141-78-6	Ethyl Acetate	2.9	4.5	2.9	1.2	**U**
110-54-3	n-Hexane	**320**	2.3	1.4	0.49	
67-66-3	Chloroform	**0.60**	2.4	0.76	0.32	**J**
109-99-9	Tetrahydrofuran (THF)	0.76	4.5	0.76	0.30	**U**
107-06-2	1,2-Dichloroethane	0.76	2.3	0.76	0.26	**U**
71-43-2	Benzene	**260**	2.3	0.76	0.34	
56-23-5	Carbon Tetrachloride	**0.78**	2.3	0.76	0.33	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-002

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01299

Initial Pressure (psig): -3.46 Final Pressure (psig): 5.26

Container Dilution Factor: 1.78

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**1,200**		45	15	6.7	**D**
75-27-4	Bromodichloromethane		0.76	2.3	0.76	0.34	**U**
79-01-6	Trichloroethene		0.76	2.3	0.76	0.32	**U**
123-91-1	1,4-Dioxane		0.76	2.3	0.76	0.28	**U**
142-82-5	n-Heptane	**160**		2.3	1.4	0.38	
108-10-1	4-Methyl-2-pentanone	**0.49**		4.5	0.76	0.32	**J**
108-88-3	Toluene	**840**		23	7.6	2.9	**D**
591-78-6	2-Hexanone		0.76	4.5	0.76	0.29	**U**
124-48-1	Dibromochloromethane		0.76	2.3	0.76	0.31	**U**
106-93-4	1,2-Dibromoethane	**6.8**		2.3	0.76	0.28	
127-18-4	Tetrachloroethene		0.76	2.3	0.76	0.31	**U**
100-41-4	Ethylbenzene	**110**		2.3	0.76	0.33	
179601-23-1	m,p-Xylenes	**190**		4.5	1.5	0.62	
75-25-2	Bromoform		1.4	2.4	1.4	0.49	**U**
100-42-5	Styrene	**0.65**		2.3	1.4	0.38	**J**
95-47-6	o-Xylene	**120**		2.4	0.76	0.34	
108-67-8	1,3,5-Trimethylbenzene	**29**		2.4	0.76	0.34	
95-63-6	1,2,4-Trimethylbenzene	**26**		2.3	0.76	0.33	
120-82-1	1,2,4-Trichlorobenzene		1.4	4.5	1.4	0.58	**U**
91-20-3	Naphthalene	**5.3**		2.3	1.4	0.58	
1330-20-7	Xylenes, Total	**310**		4.5	1.5	0.62	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SS01164

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.61

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**4.0**	2.2	1.4	0.56	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.4	2.2	1.4	0.37	**U**
74-87-3	Chloromethane	1.4	2.2	1.4	0.37	**U**
75-01-4	Vinyl Chloride	0.73	2.3	0.73	0.25	**U**
106-99-0	1,3-Butadiene	1.4	2.2	1.4	0.38	**U**
75-00-3	Chloroethane	1.4	2.2	1.4	0.28	**U**
64-17-5	Ethanol	**24**	23	3.6	1.6	
67-64-1	Acetone	**10**	22	12	5.2	**J**
75-69-4	Trichlorofluoromethane	**0.98**	2.2	1.4	0.35	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**37**	4.3	2.7	0.95	
75-09-2	Methylene Chloride	1.4	2.2	1.4	0.65	**U**
76-13-1	Trichlorotrifluoroethane	**7.9**	2.3	0.73	0.33	
75-15-0	Carbon Disulfide	**0.97**	4.3	2.3	0.69	**J**
75-34-3	1,1-Dichloroethane	1.4	2.3	1.4	0.34	**U**
78-93-3	2-Butanone (MEK)	**6.0**	4.3	1.4	0.47	
141-78-6	Ethyl Acetate	**16**	4.3	2.8	1.2	
110-54-3	n-Hexane	**440**	45	28	9.5	**D**
67-66-3	Chloroform	0.73	2.3	0.73	0.31	**U**
109-99-9	Tetrahydrofuran (THF)	0.73	4.3	0.73	0.29	**U**
107-06-2	1,2-Dichloroethane	0.73	2.2	0.73	0.25	**U**
71-43-2	Benzene	**160**	2.2	0.73	0.33	
56-23-5	Carbon Tetrachloride	**1.4**	2.2	0.73	0.32	**J**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-003

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.020 Liter(s)
Container ID: 1SS01164

Initial Pressure (psig): -2.86 Final Pressure (psig): 5.61

Container Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**2,800**	86	29	13	**D**
75-27-4	Bromodichloromethane	0.73	2.2	0.73	0.33	**U**
79-01-6	Trichloroethene	0.73	2.2	0.73	0.31	**U**
123-91-1	1,4-Dioxane	0.73	2.2	0.73	0.27	**U**
142-82-5	n-Heptane	**320**	2.2	1.4	0.37	
108-10-1	4-Methyl-2-pentanone	0.73	4.3	0.73	0.31	**U**
108-88-3	Toluene	**420**	45	15	5.6	**D**
591-78-6	2-Hexanone	0.73	4.3	0.73	0.28	**U**
124-48-1	Dibromochloromethane	0.73	2.2	0.73	0.30	**U**
106-93-4	1,2-Dibromoethane	**12**	2.2	0.73	0.27	
127-18-4	Tetrachloroethene	**0.55**	2.2	0.73	0.30	**J**
100-41-4	Ethylbenzene	**58**	2.2	0.73	0.32	
179601-23-1	m,p-Xylenes	**120**	4.3	1.5	0.60	
75-25-2	Bromoform	1.4	2.3	1.4	0.47	**U**
100-42-5	Styrene	1.4	2.2	1.4	0.37	**U**
95-47-6	o-Xylene	**56**	2.3	0.73	0.33	
108-67-8	1,3,5-Trimethylbenzene	**13**	2.3	0.73	0.33	
95-63-6	1,2,4-Trimethylbenzene	**17**	2.2	0.73	0.32	
120-82-1	1,2,4-Trichlorobenzene	1.4	4.3	1.4	0.56	**U**
91-20-3	Naphthalene	**2.7**	2.2	1.3	0.56	
1330-20-7	Xylenes, Total	**170**	4.3	1.5	0.60	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01202

Initial Pressure (psig): -1.12 Final Pressure (psig): 5.73

Container Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**53**	2.0	1.2	0.49	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.6**	2.0	1.2	0.33	**J**
74-87-3	Chloromethane	**0.38**	2.0	1.2	0.32	**J**
75-01-4	Vinyl Chloride	0.64	2.0	0.64	0.21	**U**
106-99-0	1,3-Butadiene	1.2	2.0	1.2	0.33	**U**
75-00-3	Chloroethane	1.2	2.0	1.2	0.25	**U**
64-17-5	Ethanol	**28**	20	3.1	1.4	
67-64-1	Acetone	**330**	20	10	4.5	
75-69-4	Trichlorofluoromethane	**0.84**	1.9	1.2	0.30	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**160**	3.8	2.4	0.83	
75-09-2	Methylene Chloride	1.2	2.0	1.2	0.56	**U**
76-13-1	Trichlorotrifluoroethane	**0.41**	2.0	0.64	0.29	**J**
75-15-0	Carbon Disulfide	**2.6**	3.8	2.0	0.60	**J**
75-34-3	1,1-Dichloroethane	1.2	2.0	1.2	0.29	**U**
78-93-3	2-Butanone (MEK)	**62**	3.8	1.2	0.41	
141-78-6	Ethyl Acetate	2.4	3.8	2.4	1.1	**U**
110-54-3	n-Hexane	**27**	2.0	1.2	0.41	
67-66-3	Chloroform	0.64	2.0	0.64	0.27	**U**
109-99-9	Tetrahydrofuran (THF)	**0.26**	3.8	0.64	0.25	**J**
107-06-2	1,2-Dichloroethane	0.64	2.0	0.64	0.22	**U**
71-43-2	Benzene	**200**	2.0	0.64	0.29	
56-23-5	Carbon Tetrachloride	**0.28**	1.9	0.64	0.28	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102359-004

Test Code: EPA TO-15 Date Collected: 4/20/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 4/23/21
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS01202

Initial Pressure (psig): -1.12 Final Pressure (psig): 5.73

Container Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**64**	3.8	1.3	0.56	
75-27-4	Bromodichloromethane	0.64	2.0	0.64	0.29	**U**
79-01-6	Trichloroethene	0.64	1.9	0.64	0.27	**U**
123-91-1	1,4-Dioxane	0.64	2.0	0.64	0.24	**U**
142-82-5	n-Heptane	**89**	2.0	1.2	0.32	
108-10-1	4-Methyl-2-pentanone	**3.1**	3.8	0.64	0.27	**J**
108-88-3	Toluene	**930**	20	6.4	2.4	**D**
591-78-6	2-Hexanone	0.64	3.8	0.64	0.25	**U**
124-48-1	Dibromochloromethane	0.64	2.0	0.64	0.26	**U**
106-93-4	1,2-Dibromoethane	**17**	2.0	0.64	0.23	
127-18-4	Tetrachloroethene	0.64	2.0	0.64	0.26	**U**
100-41-4	Ethylbenzene	**88**	2.0	0.64	0.28	
179601-23-1	m,p-Xylenes	**250**	3.8	1.3	0.53	
75-25-2	Bromoform	1.2	2.0	1.2	0.41	**U**
100-42-5	Styrene	**0.44**	2.0	1.2	0.32	**J**
95-47-6	o-Xylene	**71**	2.0	0.64	0.29	
108-67-8	1,3,5-Trimethylbenzene	**13**	2.0	0.64	0.29	
95-63-6	1,2,4-Trimethylbenzene	**37**	2.0	0.64	0.28	
120-82-1	1,2,4-Trichlorobenzene	1.2	3.8	1.2	0.49	**U**
91-20-3	Naphthalene	**11**	2.0	1.2	0.49	
1330-20-7	Xylenes, Total	**320**	3.8	1.3	0.53	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	**U**
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	**U**
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	**U**
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	**U**
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	**U**
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	**U**
108-88-3	Toluene	0.17	0.52	0.17	0.065	**U**
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	**U**
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	**U**
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	**U**
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	**U**
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	**U**
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	**U**
75-25-2	Bromoform	0.32	0.53	0.32	0.11	**U**
100-42-5	Styrene	0.32	0.52	0.32	0.086	**U**
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	**U**
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	**U**
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	**U**
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	**U**
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	**U**
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	**U**
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	**U**
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	**U**
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	**U**
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	**U**
64-17-5	Ethanol	**0.38**	5.3	0.83	0.37	**J**
67-64-1	Acetone	2.7	5.2	2.7	1.2	**U**
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	**U**
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	**U**
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	**U**
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	**U**
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	**U**
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	**U**
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	**U**
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	**U**
67-66-3	Chloroform	0.17	0.53	0.17	0.071	**U**
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	**U**
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	**U**
71-43-2	Benzene	0.17	0.52	0.17	0.077	**U**
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102359

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 4/20/21
Analyst: Lusine Hakobyan Date(s) Received: 4/23/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 5/18 - 5/19/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210518-MB	**95**	**107**	**103**	70-130	
Method Blank	P210519-MB	**93**	**109**	**105**	70-130	
Lab Control Sample	P210518-LCS	**96**	**106**	**104**	70-130	
Lab Control Sample	P210519-LCS	**93**	**108**	**106**	70-130	
Duplicate Lab Control Sample	P210518-DLCS	**95**	**106**	**105**	70-130	
Duplicate Lab Control Sample	P210519-DLCS	**93**	**109**	**107**	70-130	
SV3-007-612	P2102359-001	**94**	**98**	**103**	70-130	
SV3-007-212	P2102359-002	**93**	**98**	**101**	70-130	
SV3-015-212	P2102359-003	**97**	**93**	**98**	70-130	
SV3-272-212	P2102359-004	**90**	**108**	**109**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	209	204	**100**	**97**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	201	194	**96**	**92**	59-128	4	25	
74-87-3	Chloromethane	206	183	168	**89**	**82**	59-132	8	25	
75-01-4	Vinyl Chloride	208	209	207	**100**	**100**	64-127	0	25	
106-99-0	1,3-Butadiene	210	208	202	**99**	**96**	66-134	3	25	
75-00-3	Chloroethane	204	203	202	**100**	**99**	63-127	1	25	
64-17-5	Ethanol	998	909	893	**91**	**89**	59-125	2	25	
67-64-1	Acetone	1,030	948	927	**92**	**90**	58-128	2	25	
75-69-4	Trichlorofluoromethane	204	195	191	**96**	**94**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	370	361	**91**	**88**	52-125	3	25	
75-09-2	Methylene Chloride	208	208	205	**100**	**99**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	208	207	**97**	**97**	66-126	0	25	
75-15-0	Carbon Disulfide	428	435	431	**102**	**101**	57-134	1	25	
75-34-3	1,1-Dichloroethane	212	207	203	**98**	**96**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	424	421	**103**	**102**	67-130	1	25	
141-78-6	Ethyl Acetate	422	562	560	**133**	**133**	65-128	0	25	**L**
110-54-3	n-Hexane	212	198	196	**93**	**92**	63-120	1	25	
67-66-3	Chloroform	214	206	203	**96**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	396	395	**99**	**99**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	201	198	**97**	**95**	65-128	2	25	
71-43-2	Benzene	204	197	197	**97**	**97**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	199	196	**95**	**93**	68-132	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210518-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	414	412	**100**	**99**	70-117	1	25	
75-27-4	Bromodichloromethane	210	206	203	**98**	**97**	72-128	1	25	
79-01-6	Trichloroethene	206	202	202	**98**	**98**	71-123	0	25	
123-91-1	1,4-Dioxane	208	220	219	**106**	**105**	71-122	0.9	25	
142-82-5	n-Heptane	210	209	207	**100**	**99**	69-123	1	25	
108-10-1	4-Methyl-2-pentanone	416	424	420	**102**	**101**	67-130	1	25	
108-88-3	Toluene	206	210	209	**102**	**101**	66-119	1	25	
591-78-6	2-Hexanone	404	421	417	**104**	**103**	62-128	1	25	
124-48-1	Dibromochloromethane	210	230	230	**110**	**110**	70-130	0	25	
106-93-4	1,2-Dibromoethane	208	229	228	**110**	**110**	74-122	0	25	
127-18-4	Tetrachloroethene	206	206	203	**100**	**99**	66-124	1	25	
100-41-4	Ethylbenzene	206	216	214	**105**	**104**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	420	416	**102**	**101**	61-134	1	25	
75-25-2	Bromoform	208	237	237	**114**	**114**	66-139	0	25	
100-42-5	Styrene	206	216	215	**105**	**104**	73-127	1	25	
95-47-6	o-Xylene	206	215	214	**104**	**104**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	213	211	**103**	**102**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	214	212	**105**	**104**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	397	395	**102**	**102**	55-142	0	25	
91-20-3	Naphthalene	198	208	209	**105**	**106**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	201	202	**96**	**96**	57-136	0	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	192	191	**91**	**91**	59-128	0	25	
74-87-3	Chloromethane	206	168	166	**82**	**81**	59-132	1	25	
75-01-4	Vinyl Chloride	208	198	199	**95**	**96**	64-127	1	25	
106-99-0	1,3-Butadiene	210	193	193	**92**	**92**	66-134	0	25	
75-00-3	Chloroethane	204	203	206	**100**	**101**	63-127	1	25	
64-17-5	Ethanol	998	882	889	**88**	**89**	59-125	1	25	
67-64-1	Acetone	1,030	938	944	**91**	**92**	58-128	1	25	
75-69-4	Trichlorofluoromethane	204	186	187	**91**	**92**	62-126	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	355	353	**87**	**87**	52-125	0	25	
75-09-2	Methylene Chloride	208	209	211	**100**	**101**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	214	205	208	**96**	**97**	66-126	1	25	
75-15-0	Carbon Disulfide	428	433	439	**101**	**103**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	204	206	**96**	**97**	68-126	1	25	
78-93-3	2-Butanone (MEK)	412	449	458	**109**	**111**	67-130	2	25	
141-78-6	Ethyl Acetate	422	557	564	**132**	**134**	65-128	2	25	**L**
110-54-3	n-Hexane	212	195	196	**92**	**92**	63-120	0	25	
67-66-3	Chloroform	214	201	203	**94**	**95**	68-123	1	25	
109-99-9	Tetrahydrofuran (THF)	400	402	408	**101**	**102**	64-123	1	25	
107-06-2	1,2-Dichloroethane	208	191	193	**92**	**93**	65-128	1	25	
71-43-2	Benzene	204	199	200	**98**	**98**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	190	190	**90**	**90**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210519-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	411	413	**99**	**99**	70-117	0	25	
75-27-4	Bromodichloromethane	210	200	202	**95**	**96**	72-128	1	25	
79-01-6	Trichloroethene	206	199	202	**97**	**98**	71-123	1	25	
123-91-1	1,4-Dioxane	208	221	221	**106**	**106**	71-122	0	25	
142-82-5	n-Heptane	210	209	210	**100**	**100**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	417	419	**100**	**101**	67-130	1	25	
108-88-3	Toluene	206	213	216	**103**	**105**	66-119	2	25	
591-78-6	2-Hexanone	404	434	441	**107**	**109**	62-128	2	25	
124-48-1	Dibromochloromethane	210	228	231	**109**	**110**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	228	233	**110**	**112**	74-122	2	25	
127-18-4	Tetrachloroethene	206	205	208	**100**	**101**	66-124	1	25	
100-41-4	Ethylbenzene	206	217	221	**105**	**107**	70-124	2	25	
179601-23-1	m,p-Xylenes	412	420	429	**102**	**104**	61-134	2	25	
75-25-2	Bromoform	208	235	240	**113**	**115**	66-139	2	25	
100-42-5	Styrene	206	229	234	**111**	**114**	73-127	3	25	
95-47-6	o-Xylene	206	215	219	**104**	**106**	67-125	2	25	
108-67-8	1,3,5-Trimethylbenzene	206	211	214	**102**	**104**	67-130	2	25	
95-63-6	1,2,4-Trimethylbenzene	204	209	213	**102**	**104**	66-132	2	25	
120-82-1	1,2,4-Trichlorobenzene	388	443	451	**114**	**116**	55-142	2	25	
91-20-3	Naphthalene	198	238	242	**120**	**122**	57-138	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05182101.D
Analyst: Lusine Hakobyan Date Analyzed: 5/18/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 08:17
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	256969		11.22	1095332		13.34		275259		17.64	
	Upper Limit	359757		11.55	1533465		13.67		385363		17.97	
	Lower Limit	154181		10.89	657199		13.01		165155		17.31	
	Client Sample ID											
01	Method Blank	245980		11.20	1064961		13.32		271298		17.64	
02	Lab Control Sample	252129		11.22	1083700		13.34		278224		17.64	
03	Duplicate Lab Control Sample	257456		11.22	1107516		13.33		283304		17.64	
04	SV3-007-612	266446		11.20	1163749		13.33		323016		17.64	
05	SV3-007-212	268279		11.20	1173337		13.33		322481		17.64	
06	SV3-015-212	240639		11.20	1092854		13.33		319510		17.64	
07	SV3-272-212	275025		11.21	1197996		13.33		300250		17.64	
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102359
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 05192101.D
Analyst: Lusine Hakobyan Date Analyzed: 5/19/21
Sampling Media: 1.0 L Silonite Summa Canister(s) Time Analyzed: 05:43
Test Notes:

		IS1 (BCM)			IS2 (DFB)			IS3 (CBZ)		
		AREA	#	RT	AREA	#	RT	#	AREA	#	RT	#
	24 Hour Standard	279055		11.22	1213020		13.33		298341		17.64	
	Upper Limit	390677		11.55	1698228		13.66		417677		17.97	
	Lower Limit	167433		10.89	727812		13.00		179005		17.31	
	Client Sample ID											
01	Method Blank	265769		11.20	1177113		13.32		290625		17.64	
02	Lab Control Sample	281644		11.22	1216599		13.34		307864		17.64	
03	Duplicate Lab Control Sample	281879		11.22	1222559		13.34		305019		17.64	
04	SV3-007-612 (Dilution)	293203		11.20	1302805		13.32		334665		17.64	
05	SV3-007-212 (Dilution)	288332		11.20	1267978		13.32		327342		17.64	
06	SV3-015-212 (Dilution)	289189		11.20	1278303		13.32		329295		17.64	
07	SV3-272-212 (Dilution)	287362		11.20	1258125		13.32		323408		17.64	
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

June 15, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the sample submitted to our laboratory on May 26, 2021. For your reference, this analysis has been assigned our service request number P2102853.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 2:00 pm, Jun 15, 2021

For Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2102853
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The sample was received intact under chain of custody on May 26, 2021 and was stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

Volatile Organic Compound Analysis

The sample was analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criterion was exceeded for Ethyl Acetate in the Duplicate Laboratory Control Sample (DLCS) analyzed on June 9, 2021. The analyte in question was not detected in the associated field sample. Since the error associated with the elevated recovery equates to a high bias, the sample data has not been significantly affected. The data has been flagged accordingly. No corrective action was required.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2102853

Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 5/24/2021

Time Received: 10:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SV139-250-212	P2102853-001	Air	5/19/2021	12:23	1SC01020	-3.51	5.44	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 1

COC-SV212-04

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Tracking No. (FedEx) 971996962435

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2102853

Company Name & Address (Reporting Information)
EA Engineering, Science, and Technology, Inc., PBC
225 Schilling Circle Suite 400, Hunt Valley, MD
(410) 584-7000

Project Name: Kirtland AFB Bulk Fuels Facility

Project Number: 62735DM02

ALS Contact: Hayden Akers (505) 577-2088

Project Manager: Bernie Bockisch (505)-224-9018 / Pam Moss (303) 590-9143

P.O. # / Billing Information: 17682

Phone | Fax

Email Address for Result Reporting: Tara Lamond Amanda Smith Pam Moss

Sampler (Print & Sign): Aspen Shafer

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project specified list		Comments e.g. Actual Preservative or specific instructions
SV139-250-212		5/19/21	1223	ISC01020	NA	-24.50	-2.50	1L	X		None
				AKS							

5 of 21

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge X

EDD required Yes / No
Type: ERPIMS / EQuIS Units: ____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	5-19-21	1438		5-24-21	1015
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature NA °C

ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2102853

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 5/26/21 Date opened: 5/26/21 by: JEREMY.ANDERSON

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? TOP Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2102853-001.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-250-212** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102853-001

Test Code: EPA TO-15 Date Collected: 5/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/26/21
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0075 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.51 Final Pressure (psig): 5.44

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	**490**	120	77	31	
75-71-8	Dichlorodifluoromethane (CFC 12)	77	120	77	21	**U**
74-87-3	Chloromethane	77	120	77	21	**U**
75-01-4	Vinyl Chloride	41	130	41	14	**U**
106-99-0	1,3-Butadiene	77	120	77	21	**U**
75-00-3	Chloroethane	77	120	77	16	**U**
64-17-5	Ethanol	200	1,300	200	89	**U**
67-64-1	Acetone	650	1,200	650	290	**U**
75-69-4	Trichlorofluoromethane	**49**	120	77	19	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	150	240	150	53	**U**
75-09-2	Methylene Chloride	77	120	77	36	**U**
76-13-1	Trichlorotrifluoroethane	**740**	130	41	18	
75-15-0	Carbon Disulfide	130	240	130	38	**U**
75-34-3	1,1-Dichloroethane	79	130	79	19	**U**
78-93-3	2-Butanone (MEK)	77	240	77	26	**U**
141-78-6	Ethyl Acetate	160	240	160	67	**U**
110-54-3	n-Hexane	**24,000**	120	77	26	
67-66-3	Chloroform	**340**	130	41	17	
109-99-9	Tetrahydrofuran (THF)	41	240	41	16	**U**
107-06-2	1,2-Dichloroethane	41	120	41	14	**U**
71-43-2	Benzene	**370**	120	41	18	
56-23-5	Carbon Tetrachloride	**220**	120	41	18	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-250-212** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102853-001

Test Code: EPA TO-15 Date Collected: 5/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/26/21
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0075 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.51 Final Pressure (psig): 5.44

Container Dilution Factor: 1.80

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**17,000**	240	82	36	
75-27-4	Bromodichloromethane	41	120	41	18	**U**
79-01-6	Trichloroethene	41	120	41	17	**U**
123-91-1	1,4-Dioxane	41	120	41	15	**U**
142-82-5	n-Heptane	**15,000**	120	77	20	
108-10-1	4-Methyl-2-pentanone	41	240	41	18	**U**
108-88-3	Toluene	**370**	120	41	16	
591-78-6	2-Hexanone	41	240	41	16	**U**
124-48-1	Dibromochloromethane	41	120	41	17	**U**
106-93-4	1,2-Dibromoethane	41	120	41	15	**U**
127-18-4	Tetrachloroethene	**28**	120	41	17	**J**
100-41-4	Ethylbenzene	41	120	41	18	**U**
179601-23-1	m,p-Xylenes	82	240	82	34	**U**
75-25-2	Bromoform	77	130	77	26	**U**
100-42-5	Styrene	77	120	77	21	**U**
95-47-6	o-Xylene	41	130	41	18	**U**
108-67-8	1,3,5-Trimethylbenzene	41	130	41	18	**U**
95-63-6	1,2,4-Trimethylbenzene	**41**	120	41	18	**J**
120-82-1	1,2,4-Trichlorobenzene	77	240	77	31	**U**
91-20-3	Naphthalene	74	120	74	31	**U**
1330-20-7	Xylenes, Total	82	240	82	34	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102853

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 5/19/21
Analyst: Simon Cao Date(s) Received: 5/26/21
Sampling Media: 1.0 L Summa Canister(s) Date(s) Analyzed: 6/9/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210609-MB	**109**	**104**	**95**	70-130	
Lab Control Sample	P210609-LCS	**109**	**98**	**93**	70-130	
Duplicate Lab Control Sample	P210609-DLCS	**106**	**98**	**93**	70-130	
SV139-250-212	P2102853-001	**106**	**102**	**101**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	221	214	**105**	**102**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	225	218	**107**	**104**	59-128	3	25	
74-87-3	Chloromethane	206	266	261	**129**	**127**	59-132	2	25	
75-01-4	Vinyl Chloride	208	237	232	**114**	**112**	64-127	2	25	
106-99-0	1,3-Butadiene	210	257	250	**122**	**119**	66-134	2	25	
75-00-3	Chloroethane	204	230	224	**113**	**110**	63-127	3	25	
64-17-5	Ethanol	998	1080	1060	**108**	**106**	59-125	2	25	
67-64-1	Acetone	1,030	1130	1110	**110**	**108**	58-128	2	25	
75-69-4	Trichlorofluoromethane	204	225	219	**110**	**107**	62-126	3	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	498	487	**122**	**119**	52-125	2	25	
75-09-2	Methylene Chloride	208	227	221	**109**	**106**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	214	219	216	**102**	**101**	66-126	1	25	
75-15-0	Carbon Disulfide	428	459	448	**107**	**105**	57-134	2	25	
75-34-3	1,1-Dichloroethane	212	233	229	**110**	**108**	68-126	2	25	
78-93-3	2-Butanone (MEK)	412	462	451	**112**	**109**	67-130	3	25	
141-78-6	Ethyl Acetate	422	625	609	**148**	**144**	65-128	3	25	**L**
110-54-3	n-Hexane	212	229	225	**108**	**106**	63-120	2	25	
67-66-3	Chloroform	214	228	222	**107**	**104**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	400	429	418	**107**	**105**	64-123	2	25	
107-06-2	1,2-Dichloroethane	208	238	233	**114**	**112**	65-128	2	25	
71-43-2	Benzene	204	209	208	**102**	**102**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	226	225	**108**	**107**	68-132	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	436	437	**105**	**105**	70-117	0	25	
75-27-4	Bromodichloromethane	210	229	227	**109**	**108**	72-128	0.9	25	
79-01-6	Trichloroethene	206	209	208	**101**	**101**	71-123	0	25	
123-91-1	1,4-Dioxane	208	237	236	**114**	**113**	71-122	0.9	25	
142-82-5	n-Heptane	210	221	220	**105**	**105**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	481	479	**116**	**115**	67-130	0.9	25	
108-88-3	Toluene	206	206	205	**100**	**100**	66-119	0	25	
591-78-6	2-Hexanone	404	486	481	**120**	**119**	62-128	0.8	25	
124-48-1	Dibromochloromethane	210	228	227	**109**	**108**	70-130	0.9	25	
106-93-4	1,2-Dibromoethane	208	218	216	**105**	**104**	74-122	1	25	
127-18-4	Tetrachloroethene	206	205	204	**100**	**99**	66-124	1	25	
100-41-4	Ethylbenzene	206	209	207	**101**	**100**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	420	416	**102**	**101**	61-134	1	25	
75-25-2	Bromoform	208	225	223	**108**	**107**	66-139	0.9	25	
100-42-5	Styrene	206	210	208	**102**	**101**	73-127	1	25	
95-47-6	o-Xylene	206	211	210	**102**	**102**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	210	208	**102**	**101**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	208	206	**102**	**101**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	388	410	410	**106**	**106**	55-142	0	25	
91-20-3	Naphthalene	198	211	210	**107**	**106**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 06092102.D
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 02:13
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	124529	9.32	539937	11.28	269999	15.63
	Upper Limit	174341	9.65	755912	11.61	377999	15.96
	Lower Limit	74717	8.99	323962	10.95	161999	15.30
	Client Sample ID						
01	Method Blank	112819	9.29	493898	11.27	231549	15.63
02	Lab Control Sample	118680	9.32	516633	11.29	256355	15.63
03	Duplicate Lab Control Sample	122596	9.33	523900	11.29	260938	15.63
04	SV139-250-212	125384	9.30	542874	11.28	257971	15.63
05							
06							
07							
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16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-250-212** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102853-001

Test Code: EPA TO-15 Date Collected: 5/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/26/21
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0075 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.51 Final Pressure (psig): 5.44

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**280**	73	45	18	
75-71-8	Dichlorodifluoromethane (CFC 12)	16	25	16	4.2	**U**
74-87-3	Chloromethane	37	60	37	10	**U**
75-01-4	Vinyl Chloride	16	50	16	5.4	**U**
106-99-0	1,3-Butadiene	35	56	35	9.6	**U**
75-00-3	Chloroethane	29	47	29	6.0	**U**
64-17-5	Ethanol	110	680	110	47	**U**
67-64-1	Acetone	270	530	270	120	**U**
75-69-4	Trichlorofluoromethane	**8.8**	22	14	3.5	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	62	98	62	21	**U**
75-09-2	Methylene Chloride	22	36	22	10	**U**
76-13-1	Trichlorotrifluoroethane	**97**	17	5.3	2.4	
75-15-0	Carbon Disulfide	42	77	42	12	**U**
75-34-3	1,1-Dichloroethane	20	32	20	4.6	**U**
78-93-3	2-Butanone (MEK)	26	81	26	9.0	**U**
141-78-6	Ethyl Acetate	43	67	43	19	**U**
110-54-3	n-Hexane	**6,800**	35	22	7.5	
67-66-3	Chloroform	**69**	26	8.4	3.5	
109-99-9	Tetrahydrofuran (THF)	14	81	14	5.5	**U**
107-06-2	1,2-Dichloroethane	10	31	10	3.5	**U**
71-43-2	Benzene	**110**	39	13	5.8	
56-23-5	Carbon Tetrachloride	**36**	19	6.5	2.8	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV139-250-212** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2102853-001

Test Code: EPA TO-15 Date Collected: 5/19/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/26/21
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.0075 Liter(s)
Test Notes:
Container ID: 1SC01020

Initial Pressure (psig): -3.51 Final Pressure (psig): 5.44

Container Dilution Factor: 1.80

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**5,100**	70	24	10	
75-27-4	Bromodichloromethane	6.1	19	6.1	2.8	**U**
79-01-6	Trichloroethene	7.6	23	7.6	3.2	**U**
123-91-1	1,4-Dioxane	11	35	11	4.2	**U**
142-82-5	n-Heptane	**3,700**	30	19	5.0	
108-10-1	4-Methyl-2-pentanone	10	59	10	4.3	**U**
108-88-3	Toluene	**97**	33	11	4.1	
591-78-6	2-Hexanone	10	59	10	3.9	**U**
124-48-1	Dibromochloromethane	4.8	15	4.8	2.0	**U**
106-93-4	1,2-Dibromoethane	5.3	16	5.3	1.9	**U**
127-18-4	Tetrachloroethene	**4.1**	18	6.0	2.4	**J**
100-41-4	Ethylbenzene	9.4	29	9.4	4.1	**U**
179601-23-1	m,p-Xylenes	19	55	19	7.7	**U**
75-25-2	Bromoform	7.4	12	7.4	2.6	**U**
100-42-5	Styrene	18	29	18	4.8	**U**
95-47-6	o-Xylene	9.4	29	9.4	4.3	**U**
108-67-8	1,3,5-Trimethylbenzene	8.3	26	8.3	3.8	**U**
95-63-6	1,2,4-Trimethylbenzene	**8.3**	25	8.3	3.6	**J**
120-82-1	1,2,4-Trichlorobenzene	10	32	10	4.2	**U**
91-20-3	Naphthalene	14	24	14	6.0	**U**
1330-20-7	Xylenes, Total	19	55	19	7.7	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	U
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	U
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	U
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	U
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	U
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	U
108-88-3	Toluene	0.045	0.14	0.045	0.017	U
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	U
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	U
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	U
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	U
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	U
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	U
75-25-2	Bromoform	0.031	0.051	0.031	0.011	U
100-42-5	Styrene	0.075	0.12	0.075	0.020	U
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	U
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	U
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	U
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	U
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	U
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2102853

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 5/19/21
Analyst: Simon Cao Date(s) Received: 5/26/21
Sampling Media: 1.0 L Summa Canister(s) Date(s) Analyzed: 6/9/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210609-MB	**108**	**104**	**95**	70-130	
Lab Control Sample	P210609-LCS	**108**	**98**	**93**	70-130	
Duplicate Lab Control Sample	P210609-DLCS	**106**	**98**	**93**	70-130	
SV139-250-212	P2102853-001	**105**	**102**	**101**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	129	124	**106**	**102**	57-136	4	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	45.5	44.2	**107**	**104**	59-128	3	25	
74-87-3	Chloromethane	99.8	129	127	**129**	**127**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	92.8	90.6	**114**	**111**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	116	113	**122**	**119**	66-134	2	25	
75-00-3	Chloroethane	77.3	87.1	84.9	**113**	**110**	63-127	3	25	
64-17-5	Ethanol	530	576	563	**109**	**106**	59-125	3	25	
67-64-1	Acetone	435	476	467	**109**	**107**	58-128	2	25	
75-69-4	Trichlorofluoromethane	36.3	40.1	39.1	**110**	**108**	62-126	2	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	203	198	**122**	**119**	52-125	2	25	
75-09-2	Methylene Chloride	59.9	65.3	63.7	**109**	**106**	62-115	3	25	
76-13-1	Trichlorotrifluoroethane	27.9	28.6	28.2	**103**	**101**	66-126	2	25	
75-15-0	Carbon Disulfide	137	147	144	**107**	**105**	57-134	2	25	
75-34-3	1,1-Dichloroethane	52.4	57.6	56.5	**110**	**108**	68-126	2	25	
78-93-3	2-Butanone (MEK)	140	157	153	**112**	**109**	67-130	3	25	
141-78-6	Ethyl Acetate	117	174	169	**149**	**144**	65-128	3	25	**L**
110-54-3	n-Hexane	60.2	65.1	63.8	**108**	**106**	63-120	2	25	
67-66-3	Chloroform	43.8	46.7	45.6	**107**	**104**	68-123	3	25	
109-99-9	Tetrahydrofuran (THF)	136	146	142	**107**	**104**	64-123	3	25	
107-06-2	1,2-Dichloroethane	51.4	58.9	57.5	**115**	**112**	65-128	3	25	
71-43-2	Benzene	63.9	65.4	65.1	**102**	**102**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	35.9	35.8	**107**	**107**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2102853
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210609-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/9/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	127	127	**105**	**105**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	34.1	34.0	**109**	**108**	72-128	0.9	25	
79-01-6	Trichloroethene	38.3	38.9	38.7	**102**	**101**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	65.7	65.4	**114**	**113**	71-122	0.9	25	
142-82-5	n-Heptane	51.3	53.9	53.8	**105**	**105**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	117	117	**115**	**115**	67-130	0	25	
108-88-3	Toluene	54.7	54.7	54.3	**100**	**99**	66-119	1	25	
591-78-6	2-Hexanone	98.7	119	117	**121**	**119**	62-128	2	25	
124-48-1	Dibromochloromethane	24.7	26.7	26.6	**108**	**108**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	28.4	28.2	**105**	**104**	74-122	1	25	
127-18-4	Tetrachloroethene	30.4	30.2	30.1	**99**	**99**	66-124	0	25	
100-41-4	Ethylbenzene	47.4	48.1	47.6	**101**	**100**	70-124	1	25	
179601-23-1	m,p-Xylenes	94.9	96.7	95.9	**102**	**101**	61-134	1	25	
75-25-2	Bromoform	20.1	21.8	21.6	**108**	**107**	66-139	0.9	25	
100-42-5	Styrene	48.4	49.3	48.9	**102**	**101**	73-127	1	25	
95-47-6	o-Xylene	47.4	48.6	48.4	**103**	**102**	67-125	1	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	42.7	42.4	**102**	**101**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	42.3	42.0	**102**	**101**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	55.2	55.2	**106**	**106**	55-142	0	25	
91-20-3	Naphthalene	37.8	40.3	40.1	**107**	**106**	57-138	0.9	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

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LABORATORY REPORT

July 16, 2021

Pamela Moss
EA Engineering, Science, and Technology, Inc.
7995 E. Prentice Ave, Suite 206E
Greenwood Village, CO 80111

RE: Kirtland AFB Bulk Fuels Facility / 62735DM02

Dear Pamela:

Enclosed are the results of the samples submitted to our laboratory on July 1, 2021. For your reference, these analyses have been assigned our service request number P2103567.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 5:04 pm, Jul 16, 2021

Hayden Akers
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: EA Engineering, Science, and Technology, Inc. Service Request No: P2103567
Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

CASE NARRATIVE

The samples were received intact under chain of custody on July 1, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

DETAIL SUMMARY REPORT

Client: EA Engineering, Science, and Technology, Inc. Service Request: P2103567
Project ID: Kirtland AFB Bulk Fuels Facility / 62735DM02

Date Received: 7/1/2021
Time Received: 10:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SV3-007-212	P2103567-001	Air	6/24/2021	11:28	1SC00982	-2.88	7.90	X
SV3-015-212	P2103567-002	Air	6/24/2021	11:36	1SC00496	-2.81	-7.81	X
SV3-272-212	P2103567-003	Air	6/24/2021	12:40	1SS00187	-3.14	-7.07	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 1

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Track. No: 971996975803 COC-SV212-05

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No: R2103567

Company Name & Address (Reporting Information)	EA Engineering, Science, and Tech., Inc., PBC 225 Schilling Circle Suite 400, Hunt Valley, MD (410) 584-7000
Project Manager	Bernie Bockisch (505) 224-9018 / Pam Moss (303) 590-9143
Phone / Fax	
Email Address for Result Reporting	Tara Lamond: tlamond@eaest.com Pam Moss: pmoss@eaest.com Amanda Smith: asmith@eaest.com
Project Name	Kirtland AFB Bulk Fuels Facility
Project Number	62735DM02
P.O. # / Billing Information	17682
Sampler (Print & Sign)	Aspen Shafer
ALS Contact:	Hayden Akers (805) 577-2088

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15 Project Specific List		Comments e.g. Actual Preservative or specific instructions
~~KAFB~~ AS											
SV3-007-212	1	6/24/21	1128	ISC00982	NA	-25" Hg	0" Hg	1L	X		None
SV3-015-212	2	6/24/21	1136	ISC00496	NA	-23" Hg	0" Hg	1L	X		None
SV3-272-212	3	6/24/21	1240	ISS00187	NA	-24" Hg	-1" Hg	1L	X		None
				NWS							

Report Tier Levels - please select

Tier I - Results (Default if not specified) _____
Tier II (Results + QC Summaries) _____
Tier III (Results + QC & Calibration Summaries) _____
Tier IV (Data Validation Package) 10% Surcharge X

EDD required (Yes) / No
Type: ERMS/EQUIS Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 6/24/21	Time: 1445	Received by: (Signature)	Date:	Time:	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 7-1-21	Time: 1000	Cooler / Blank Temperature NA °C

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ALS Environmental

Sample Acceptance Check Form

Client: EA Engineering, Science, and Technology, Inc. Work order: P2103567

Project: Kirtland AFB Bulk Fuels Facility / 62735DM02

Sample(s) received on: 7/1/21 Date opened: 7/1/21 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☒	☐	☐
	Location of seal(s)? Box sealing. Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2103567-001.01	1.0 L Source Can					
P2103567-002.01	1.0 L Source Can					
P2103567-003.01	1.0 L Source Silonite Canister					
P2103567-004.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers):

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-001

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -2.88 Final Pressure (psig): 7.90

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.5	2.5	1.5	0.62	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.5**	2.5	1.5	0.42	
74-87-3	Chloromethane	1.5	2.5	1.5	0.41	U
75-01-4	Vinyl Chloride	0.81	2.5	0.81	0.27	U
106-99-0	1,3-Butadiene	1.5	2.5	1.5	0.42	U
75-00-3	Chloroethane	1.5	2.5	1.5	0.32	U
64-17-5	Ethanol	**9.1**	25	4.0	1.8	J
67-64-1	Acetone	**32**	25	13	5.7	
75-69-4	Trichlorofluoromethane	**1.5**	2.4	1.5	0.39	J
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	4.8	3.0	1.1	J
75-09-2	Methylene Chloride	1.5	2.5	1.5	0.72	U
76-13-1	Trichlorotrifluoroethane	**12**	2.5	0.81	0.36	
75-15-0	Carbon Disulfide	**100**	4.8	2.6	0.76	
75-34-3	1,1-Dichloroethane	1.6	2.6	1.6	0.37	U
78-93-3	2-Butanone (MEK)	**6.2**	4.8	1.5	0.53	
141-78-6	Ethyl Acetate	3.1	4.8	3.1	1.3	U
110-54-3	n-Hexane	**2.9**	2.5	1.5	0.53	
67-66-3	Chloroform	**0.42**	2.5	0.81	0.34	J
109-99-9	Tetrahydrofuran (THF)	0.81	4.8	0.81	0.32	U
107-06-2	1,2-Dichloroethane	0.81	2.5	0.81	0.28	U
71-43-2	Benzene	**1.1**	2.5	0.81	0.37	J
56-23-5	Carbon Tetrachloride	**0.85**	2.4	0.81	0.35	J

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-001

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -2.88 Final Pressure (psig): 7.90

Container Dilution Factor: 1.91

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.6	4.8	1.6	0.72	**U**
75-27-4	Bromodichloromethane	0.81	2.5	0.81	0.37	**U**
79-01-6	Trichloroethene	0.81	2.4	0.81	0.34	**U**
123-91-1	1,4-Dioxane	0.81	2.5	0.81	0.30	**U**
142-82-5	n-Heptane	**3.8**	2.5	1.5	0.41	
108-10-1	4-Methyl-2-pentanone	**0.51**	4.8	0.81	0.35	**J**
108-88-3	Toluene	**8.4**	2.5	0.81	0.31	
591-78-6	2-Hexanone	**2.9**	4.8	0.81	0.32	**J**
124-48-1	Dibromochloromethane	0.81	2.5	0.81	0.33	**U**
106-93-4	1,2-Dibromoethane	0.81	2.5	0.81	0.30	**U**
127-18-4	Tetrachloroethene	**0.35**	2.5	0.81	0.33	**J**
100-41-4	Ethylbenzene	**4.8**	2.5	0.81	0.36	
179601-23-1	m,p-Xylenes	**27**	4.8	1.6	0.67	
75-25-2	Bromoform	1.5	2.5	1.5	0.53	**U**
100-42-5	Styrene	1.5	2.5	1.5	0.41	**U**
95-47-6	o-Xylene	**8.2**	2.5	0.81	0.37	
108-67-8	1,3,5-Trimethylbenzene	**9.6**	2.5	0.81	0.37	
95-63-6	1,2,4-Trimethylbenzene	**46**	2.5	0.81	0.35	
120-82-1	1,2,4-Trichlorobenzene	1.5	4.8	1.5	0.62	**U**
91-20-3	Naphthalene	**22**	2.5	1.5	0.62	
1330-20-7	Xylenes, Total	**35**	4.8	1.6	0.67	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-002

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.15 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.81 Final Pressure (psig): -7.81

Container Dilution Factor: 0.58

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1.2	2.0	1.2	0.50	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	2.0	1.2	0.34	**J**
74-87-3	Chloromethane	1.2	2.0	1.2	0.33	**U**
75-01-4	Vinyl Chloride	0.66	2.0	0.66	0.22	**U**
106-99-0	1,3-Butadiene	1.2	2.0	1.2	0.34	**U**
75-00-3	Chloroethane	1.2	2.0	1.2	0.26	**U**
64-17-5	Ethanol	**3.0**	20	3.2	1.4	**J**
67-64-1	Acetone	**13**	20	10	4.6	**J**
75-69-4	Trichlorofluoromethane	**0.53**	2.0	1.2	0.31	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	2.4	3.9	2.4	0.85	**U**
75-09-2	Methylene Chloride	1.2	2.0	1.2	0.58	**U**
76-13-1	Trichlorotrifluoroethane	**6.8**	2.0	0.66	0.29	
75-15-0	Carbon Disulfide	**3.1**	3.9	2.1	0.62	**J**
75-34-3	1,1-Dichloroethane	1.3	2.1	1.3	0.30	**U**
78-93-3	2-Butanone (MEK)	**2.1**	3.9	1.2	0.43	**J**
141-78-6	Ethyl Acetate	2.5	3.9	2.5	1.1	**U**
110-54-3	n-Hexane	1.2	2.0	1.2	0.43	**U**
67-66-3	Chloroform	**0.46**	2.0	0.66	0.27	**J**
109-99-9	Tetrahydrofuran (THF)	0.66	3.9	0.66	0.26	**U**
107-06-2	1,2-Dichloroethane	0.66	2.0	0.66	0.23	**U**
71-43-2	Benzene	0.66	2.0	0.66	0.30	**U**
56-23-5	Carbon Tetrachloride	**0.47**	2.0	0.66	0.29	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-002

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.15 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.81 Final Pressure (psig): -7.81

Container Dilution Factor: 0.58

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	1.3	3.9	1.3	0.58	**U**
75-27-4	Bromodichloromethane	0.66	2.0	0.66	0.30	**U**
79-01-6	Trichloroethene	0.66	2.0	0.66	0.28	**U**
123-91-1	1,4-Dioxane	0.66	2.0	0.66	0.24	**U**
142-82-5	n-Heptane	1.2	2.0	1.2	0.33	**U**
108-10-1	4-Methyl-2-pentanone	0.66	3.9	0.66	0.28	**U**
108-88-3	Toluene	**2.8**	2.0	0.66	0.25	
591-78-6	2-Hexanone	**0.70**	3.9	0.66	0.26	**J**
124-48-1	Dibromochloromethane	0.66	2.0	0.66	0.27	**U**
106-93-4	1,2-Dibromoethane	0.66	2.0	0.66	0.24	**U**
127-18-4	Tetrachloroethene	0.66	2.0	0.66	0.27	**U**
100-41-4	Ethylbenzene	**1.9**	2.0	0.66	0.29	**J**
179601-23-1	m,p-Xylenes	**8.4**	3.9	1.3	0.54	
75-25-2	Bromoform	1.2	2.0	1.2	0.43	**U**
100-42-5	Styrene	1.2	2.0	1.2	0.33	**U**
95-47-6	o-Xylene	**2.5**	2.0	0.66	0.30	
108-67-8	1,3,5-Trimethylbenzene	**2.3**	2.0	0.66	0.30	
95-63-6	1,2,4-Trimethylbenzene	**12**	2.0	0.66	0.29	
120-82-1	1,2,4-Trichlorobenzene	1.2	3.9	1.2	0.50	**U**
91-20-3	Naphthalene	**1.9**	2.0	1.2	0.50	**J**
1330-20-7	Xylenes, Total	**11**	3.9	1.3	0.54	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-003

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS00187

Initial Pressure (psig): -3.14 Final Pressure (psig): -7.07

Container Dilution Factor: 0.66

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	1,100	1,700	1,100	430	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	1,100	1,700	1,100	290	**U**
74-87-3	Chloromethane	1,100	1,700	1,100	280	**U**
75-01-4	Vinyl Chloride	560	1,700	560	190	**U**
106-99-0	1,3-Butadiene	1,100	1,700	1,100	290	**U**
75-00-3	Chloroethane	1,100	1,700	1,100	220	**U**
64-17-5	Ethanol	**4,000**	17,000	2,700	1,200	**J**
67-64-1	Acetone	**33,000**	17,000	8,900	4,000	
75-69-4	Trichlorofluoromethane	1,100	1,700	1,100	270	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	2,100	3,300	2,100	730	**U**
75-09-2	Methylene Chloride	1,100	1,700	1,100	500	**U**
76-13-1	Trichlorotrifluoroethane	560	1,700	560	250	**U**
75-15-0	Carbon Disulfide	1,800	3,300	1,800	530	**U**
75-34-3	1,1-Dichloroethane	1,100	1,800	1,100	260	**U**
78-93-3	2-Butanone (MEK)	**3,000**	3,300	1,100	360	**J**
141-78-6	Ethyl Acetate	2,100	3,300	2,100	920	**U**
110-54-3	n-Hexane	**140,000**	1,700	1,100	360	
67-66-3	Chloroform	560	1,700	560	230	**U**
109-99-9	Tetrahydrofuran (THF)	560	3,300	560	220	**U**
107-06-2	1,2-Dichloroethane	560	1,700	560	190	**U**
71-43-2	Benzene	**50,000**	1,700	560	250	
56-23-5	Carbon Tetrachloride	560	1,700	560	240	**U**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-003

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS00187

Initial Pressure (psig): -3.14 Final Pressure (psig): -7.07

Container Dilution Factor: 0.66

CAS #	Compound	Result µg/m³		LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	**280,000**		3,300	1,100	500	
75-27-4	Bromodichloromethane		560	1,700	560	250	**U**
79-01-6	Trichloroethene		560	1,700	560	240	**U**
123-91-1	1,4-Dioxane		560	1,700	560	210	**U**
142-82-5	n-Heptane	**270,000**		1,700	1,100	280	
108-10-1	4-Methyl-2-pentanone	**630**		3,300	560	240	**J**
108-88-3	Toluene	**230,000**		1,700	560	210	
591-78-6	2-Hexanone		560	3,300	560	220	**U**
124-48-1	Dibromochloromethane		560	1,700	560	230	**U**
106-93-4	1,2-Dibromoethane	**640**		1,700	560	200	**J**
127-18-4	Tetrachloroethene		560	1,700	560	230	**U**
100-41-4	Ethylbenzene	**20,000**		1,700	560	250	
179601-23-1	m,p-Xylenes	**52,000**		3,300	1,100	460	
75-25-2	Bromoform		1,100	1,700	1,100	360	**U**
100-42-5	Styrene		1,100	1,700	1,100	280	**U**
95-47-6	o-Xylene	**15,000**		1,700	560	250	
108-67-8	1,3,5-Trimethylbenzene	**2,400**		1,700	560	250	
95-63-6	1,2,4-Trimethylbenzene	**4,700**		1,700	560	240	
120-82-1	1,2,4-Trichlorobenzene		1,100	3,300	1,100	430	**U**
91-20-3	Naphthalene		1,000	1,700	1,000	430	**U**
1330-20-7	Xylenes, Total	**67,000**		3,300	1,100	460	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210714-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
115-07-1	Propene	0.32	0.52	0.32	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.32	0.52	0.32	0.087	U
74-87-3	Chloromethane	0.32	0.52	0.32	0.086	U
75-01-4	Vinyl Chloride	0.17	0.53	0.17	0.057	U
106-99-0	1,3-Butadiene	0.32	0.52	0.32	0.088	U
75-00-3	Chloroethane	0.32	0.52	0.32	0.066	U
64-17-5	Ethanol	0.83	5.3	0.83	0.37	U
67-64-1	Acetone	2.7	5.2	2.7	1.2	U
75-69-4	Trichlorofluoromethane	0.32	0.51	0.32	0.081	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.63	1.0	0.63	0.22	U
75-09-2	Methylene Chloride	0.32	0.52	0.32	0.15	U
76-13-1	Trichlorotrifluoroethane	0.17	0.53	0.17	0.076	U
75-15-0	Carbon Disulfide	0.54	1.0	0.54	0.16	U
75-34-3	1,1-Dichloroethane	0.33	0.54	0.33	0.078	U
78-93-3	2-Butanone (MEK)	0.32	1.0	0.32	0.11	U
141-78-6	Ethyl Acetate	0.65	1.0	0.65	0.28	U
110-54-3	n-Hexane	0.32	0.52	0.32	0.11	U
67-66-3	Chloroform	0.17	0.53	0.17	0.071	U
109-99-9	Tetrahydrofuran (THF)	0.17	1.0	0.17	0.067	U
107-06-2	1,2-Dichloroethane	0.17	0.52	0.17	0.059	U
71-43-2	Benzene	0.17	0.52	0.17	0.077	U
56-23-5	Carbon Tetrachloride	0.17	0.51	0.17	0.074	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210714-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
110-82-7	Cyclohexane	0.34	1.0	0.34	0.15	U
75-27-4	Bromodichloromethane	0.17	0.52	0.17	0.077	U
79-01-6	Trichloroethene	0.17	0.51	0.17	0.072	U
123-91-1	1,4-Dioxane	0.17	0.52	0.17	0.063	U
142-82-5	n-Heptane	0.32	0.52	0.32	0.085	U
108-10-1	4-Methyl-2-pentanone	0.17	1.0	0.17	0.073	U
108-88-3	Toluene	0.17	0.52	0.17	0.065	U
591-78-6	2-Hexanone	0.17	1.0	0.17	0.066	U
124-48-1	Dibromochloromethane	0.17	0.52	0.17	0.070	U
106-93-4	1,2-Dibromoethane	0.17	0.52	0.17	0.062	U
127-18-4	Tetrachloroethene	0.17	0.52	0.17	0.069	U
100-41-4	Ethylbenzene	0.17	0.52	0.17	0.075	U
179601-23-1	m,p-Xylenes	0.34	1.0	0.34	0.14	U
75-25-2	Bromoform	0.32	0.53	0.32	0.11	U
100-42-5	Styrene	0.32	0.52	0.32	0.086	U
95-47-6	o-Xylene	0.17	0.53	0.17	0.077	U
108-67-8	1,3,5-Trimethylbenzene	0.17	0.53	0.17	0.077	U
95-63-6	1,2,4-Trimethylbenzene	0.17	0.52	0.17	0.074	U
120-82-1	1,2,4-Trichlorobenzene	0.32	1.0	0.32	0.13	U
91-20-3	Naphthalene	0.31	0.52	0.31	0.13	U
1330-20-7	Xylenes, Total	0.34	1.0	0.34	0.14	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2103567

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/24/21
Analyst: Simon Cao Date(s) Received: 7/1/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 7/14 - 7/15/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210714-MB	**95**	**101**	**113**	70-130	
Lab Control Sample	P210714-LCS	**94**	**96**	**109**	70-130	
Duplicate Lab Control Sample	P210714-DLCS	**94**	**97**	**109**	70-130	
SV3-007-212	P2103567-001	**94**	**105**	**111**	70-130	
SV3-015-212	P2103567-002	**94**	**105**	**111**	70-130	
SV3-272-212	P2103567-003	**93**	**101**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210714-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	165	161	**79**	**77**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	180	179	**86**	**85**	59-128	1	25	
74-87-3	Chloromethane	206	172	170	**83**	**83**	59-132	0	25	
75-01-4	Vinyl Chloride	208	155	153	**75**	**74**	64-127	1	25	
106-99-0	1,3-Butadiene	210	176	176	**84**	**84**	66-134	0	25	
75-00-3	Chloroethane	204	173	171	**85**	**84**	63-127	1	25	
64-17-5	Ethanol	998	766	767	**77**	**77**	59-125	0	25	
67-64-1	Acetone	1,030	876	873	**85**	**85**	58-128	0	25	
75-69-4	Trichlorofluoromethane	204	177	178	**87**	**87**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	353	355	**87**	**87**	52-125	0	25	
75-09-2	Methylene Chloride	208	185	185	**89**	**89**	62-115	0	25	
76-13-1	Trichlorotrifluoroethane	214	193	194	**90**	**91**	66-126	1	25	
75-15-0	Carbon Disulfide	428	378	377	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	212	163	163	**77**	**77**	68-126	0	25	
78-93-3	2-Butanone (MEK)	412	370	371	**90**	**90**	67-130	0	25	
141-78-6	Ethyl Acetate	422	478	481	**113**	**114**	65-128	0.9	25	
110-54-3	n-Hexane	212	178	178	**84**	**84**	63-120	0	25	
67-66-3	Chloroform	214	166	167	**78**	**78**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	400	352	353	**88**	**88**	64-123	0	25	
107-06-2	1,2-Dichloroethane	208	160	162	**77**	**78**	65-128	1	25	
71-43-2	Benzene	204	161	161	**79**	**79**	69-119	0	25	
56-23-5	Carbon Tetrachloride	210	168	169	**80**	**80**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210714-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	416	363	363	**87**	**87**	70-117	0	25	
75-27-4	Bromodichloromethane	210	173	173	**82**	**82**	72-128	0	25	
79-01-6	Trichloroethene	206	165	165	**80**	**80**	71-123	0	25	
123-91-1	1,4-Dioxane	208	192	192	**92**	**92**	71-122	0	25	
142-82-5	n-Heptane	210	181	181	**86**	**86**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	416	376	375	**90**	**90**	67-130	0	25	
108-88-3	Toluene	206	179	181	**87**	**88**	66-119	1	25	
591-78-6	2-Hexanone	404	353	355	**87**	**88**	62-128	1	25	
124-48-1	Dibromochloromethane	210	179	181	**85**	**86**	70-130	1	25	
106-93-4	1,2-Dibromoethane	208	172	174	**83**	**84**	74-122	1	25	
127-18-4	Tetrachloroethene	206	168	169	**82**	**82**	66-124	0	25	
100-41-4	Ethylbenzene	206	182	184	**88**	**89**	70-124	1	25	
179601-23-1	m,p-Xylenes	412	367	369	**89**	**90**	61-134	1	25	
75-25-2	Bromoform	208	205	209	**99**	**100**	66-139	1	25	
100-42-5	Styrene	206	191	192	**93**	**93**	73-127	0	25	
95-47-6	o-Xylene	206	183	184	**89**	**89**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	206	187	189	**91**	**92**	67-130	1	25	
95-63-6	1,2,4-Trimethylbenzene	204	188	188	**92**	**92**	66-132	0	25	
120-82-1	1,2,4-Trichlorobenzene	388	401	399	**103**	**103**	55-142	0	25	
91-20-3	Naphthalene	198	232	232	**117**	**117**	57-138	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02**

Internal Standard Area and RT Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 07142137.D
Analyst: Simon Cao Date Analyzed: 7/14/21
Sampling Media: 1.0 L Summa Canister(s) Time Analyzed: 21:46
Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	197485	7.15	901217	8.51	485159	12.47
	Upper Limit	276479	7.48	1261704	8.84	679223	12.80
	Lower Limit	118491	6.82	540730	8.18	291095	12.14
	Client Sample ID						
01	Method Blank	190545	7.11	866420	8.48	449729	12.46
02	Lab Control Sample	188271	7.15	855588	8.51	463685	12.47
03	Duplicate Lab Control Sample	187463	7.15	855528	8.51	460531	12.47
04	SV3-272-212	189764	7.13	868179	8.50	433493	12.47
05	SV3-007-212	187374	7.12	861036	8.49	421631	12.46
06	SV3-015-212	188244	7.12	860566	8.49	422653	12.46
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.
I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-001

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -2.88 Final Pressure (psig): 7.90

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.89	1.4	0.89	0.36	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.91**	0.50	0.31	0.084	
74-87-3	Chloromethane	0.74	1.2	0.74	0.20	**U**
75-01-4	Vinyl Chloride	0.32	0.99	0.32	0.11	**U**
106-99-0	1,3-Butadiene	0.69	1.1	0.69	0.19	**U**
75-00-3	Chloroethane	0.58	0.94	0.58	0.12	**U**
64-17-5	Ethanol	**4.8**	13	2.1	0.94	**J**
67-64-1	Acetone	**13**	10	5.4	2.4	
75-69-4	Trichlorofluoromethane	**0.26**	0.43	0.27	0.069	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**0.50**	1.9	1.2	0.43	**J**
75-09-2	Methylene Chloride	0.44	0.72	0.44	0.21	**U**
76-13-1	Trichlorotrifluoroethane	**1.6**	0.33	0.11	0.047	
75-15-0	Carbon Disulfide	**33**	1.5	0.83	0.25	
75-34-3	1,1-Dichloroethane	0.39	0.64	0.39	0.092	**U**
78-93-3	2-Butanone (MEK)	**2.1**	1.6	0.52	0.18	
141-78-6	Ethyl Acetate	0.86	1.3	0.86	0.37	**U**
110-54-3	n-Hexane	**0.84**	0.70	0.43	0.15	
67-66-3	Chloroform	**0.086**	0.52	0.17	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	0.28	1.6	0.28	0.11	**U**
107-06-2	1,2-Dichloroethane	0.20	0.61	0.20	0.070	**U**
71-43-2	Benzene	**0.36**	0.78	0.25	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.14**	0.39	0.13	0.056	**J**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-007-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-001

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00982

Initial Pressure (psig): -2.88 Final Pressure (psig): 7.90

Container Dilution Factor: 1.91

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.47	1.4	0.47	0.21	**U**
75-27-4	Bromodichloromethane	0.12	0.37	0.12	0.055	**U**
79-01-6	Trichloroethene	0.15	0.45	0.15	0.064	**U**
123-91-1	1,4-Dioxane	0.23	0.69	0.23	0.084	**U**
142-82-5	n-Heptane	**0.94**	0.61	0.37	0.099	
108-10-1	4-Methyl-2-pentanone	**0.12**	1.2	0.20	0.085	**J**
108-88-3	Toluene	**2.2**	0.66	0.22	0.082	
591-78-6	2-Hexanone	**0.72**	1.2	0.20	0.077	**J**
124-48-1	Dibromochloromethane	0.095	0.29	0.095	0.039	**U**
106-93-4	1,2-Dibromoethane	0.11	0.32	0.11	0.039	**U**
127-18-4	Tetrachloroethene	**0.052**	0.37	0.12	0.049	**J**
100-41-4	Ethylbenzene	**1.1**	0.57	0.19	0.082	
179601-23-1	m,p-Xylenes	**6.1**	1.1	0.37	0.15	
75-25-2	Bromoform	0.15	0.24	0.15	0.051	**U**
100-42-5	Styrene	0.36	0.58	0.36	0.096	**U**
95-47-6	o-Xylene	**1.9**	0.58	0.19	0.085	
108-67-8	1,3,5-Trimethylbenzene	**2.0**	0.51	0.17	0.075	
95-63-6	1,2,4-Trimethylbenzene	**9.4**	0.51	0.17	0.072	
120-82-1	1,2,4-Trichlorobenzene	0.21	0.64	0.21	0.084	**U**
91-20-3	Naphthalene	**4.3**	0.47	0.28	0.12	
1330-20-7	Xylenes, Total	**8.0**	1.1	0.37	0.15	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-002

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.15 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.81 Final Pressure (psig): -7.81

Container Dilution Factor: 0.58

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.72	1.2	0.72	0.29	U
75-71-8	Dichlorodifluoromethane (CFC 12)	**0.38**	0.41	0.25	0.068	J
74-87-3	Chloromethane	0.60	0.97	0.60	0.16	U
75-01-4	Vinyl Chloride	0.26	0.80	0.26	0.086	U
106-99-0	1,3-Butadiene	0.56	0.91	0.56	0.15	U
75-00-3	Chloroethane	0.47	0.76	0.47	0.097	U
64-17-5	Ethanol	**1.6**	11	1.7	0.76	J
67-64-1	Acetone	**5.4**	8.5	4.4	2.0	J
75-69-4	Trichlorofluoromethane	**0.094**	0.35	0.22	0.056	J
67-63-0	2-Propanol (Isopropyl Alcohol)	0.99	1.6	0.99	0.35	U
75-09-2	Methylene Chloride	0.36	0.58	0.36	0.17	U
76-13-1	Trichlorotrifluoroethane	**0.88**	0.27	0.086	0.038	
75-15-0	Carbon Disulfide	**1.0**	1.2	0.67	0.20	J
75-34-3	1,1-Dichloroethane	0.32	0.52	0.32	0.075	U
78-93-3	2-Butanone (MEK)	**0.70**	1.3	0.42	0.14	J
141-78-6	Ethyl Acetate	0.70	1.1	0.70	0.30	U
110-54-3	n-Hexane	0.35	0.57	0.35	0.12	U
67-66-3	Chloroform	**0.095**	0.42	0.13	0.056	J
109-99-9	Tetrahydrofuran (THF)	0.22	1.3	0.22	0.088	U
107-06-2	1,2-Dichloroethane	0.16	0.50	0.16	0.056	U
71-43-2	Benzene	0.21	0.63	0.21	0.093	U
56-23-5	Carbon Tetrachloride	**0.074**	0.31	0.10	0.046	J

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-015-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-002

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.15 Liter(s)
Test Notes:
Container ID: 1SC00496

Initial Pressure (psig): -2.81 Final Pressure (psig): -7.81

Container Dilution Factor: 0.58

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.38	1.1	0.38	0.17	**U**
75-27-4	Bromodichloromethane	0.098	0.30	0.098	0.044	**U**
79-01-6	Trichloroethene	0.12	0.37	0.12	0.052	**U**
123-91-1	1,4-Dioxane	0.18	0.56	0.18	0.068	**U**
142-82-5	n-Heptane	0.30	0.49	0.30	0.080	**U**
108-10-1	4-Methyl-2-pentanone	0.16	0.94	0.16	0.069	**U**
108-88-3	Toluene	**0.74**	0.53	0.17	0.067	
591-78-6	2-Hexanone	**0.17**	0.94	0.16	0.062	**J**
124-48-1	Dibromochloromethane	0.077	0.24	0.077	0.032	**U**
106-93-4	1,2-Dibromoethane	0.086	0.26	0.086	0.031	**U**
127-18-4	Tetrachloroethene	0.097	0.30	0.097	0.039	**U**
100-41-4	Ethylbenzene	**0.44**	0.46	0.15	0.067	**J**
179601-23-1	m,p-Xylenes	**1.9**	0.89	0.30	0.12	
75-25-2	Bromoform	0.12	0.20	0.12	0.041	**U**
100-42-5	Styrene	0.29	0.47	0.29	0.078	**U**
95-47-6	o-Xylene	**0.58**	0.47	0.15	0.069	
108-67-8	1,3,5-Trimethylbenzene	**0.47**	0.42	0.13	0.061	
95-63-6	1,2,4-Trimethylbenzene	**2.4**	0.41	0.13	0.058	
120-82-1	1,2,4-Trichlorobenzene	0.17	0.52	0.17	0.068	**U**
91-20-3	Naphthalene	**0.37**	0.38	0.23	0.096	**J**
1330-20-7	Xylenes, Total	**2.5**	0.89	0.30	0.12	

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-003

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS00187

Initial Pressure (psig): -3.14 Final Pressure (psig): -7.07

Container Dilution Factor: 0.66

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	610	1,000	610	250	**U**
75-71-8	Dichlorodifluoromethane (CFC 12)	210	350	210	58	**U**
74-87-3	Chloromethane	510	830	510	140	**U**
75-01-4	Vinyl Chloride	220	680	220	74	**U**
106-99-0	1,3-Butadiene	480	780	480	130	**U**
75-00-3	Chloroethane	400	650	400	83	**U**
64-17-5	Ethanol	**2,100**	9,300	1,500	650	**J**
67-64-1	Acetone	**14,000**	7,200	3,800	1,700	
75-69-4	Trichlorofluoromethane	190	300	190	48	**U**
67-63-0	2-Propanol (Isopropyl Alcohol)	850	1,300	850	300	**U**
75-09-2	Methylene Chloride	300	490	300	140	**U**
76-13-1	Trichlorotrifluoroethane	73	230	73	33	**U**
75-15-0	Carbon Disulfide	570	1,100	570	170	**U**
75-34-3	1,1-Dichloroethane	270	440	270	64	**U**
78-93-3	2-Butanone (MEK)	**1,000**	1,100	360	120	**J**
141-78-6	Ethyl Acetate	600	920	600	260	**U**
110-54-3	n-Hexane	**41,000**	490	300	100	
67-66-3	Chloroform	110	360	110	48	**U**
109-99-9	Tetrahydrofuran (THF)	190	1,100	190	75	**U**
107-06-2	1,2-Dichloroethane	140	420	140	48	**U**
71-43-2	Benzene	**16,000**	540	180	80	
56-23-5	Carbon Tetrachloride	89	270	89	39	**U**

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **SV3-272-212** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P2103567-003

Test Code: EPA TO-15 Date Collected: 6/24/21
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/21
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.00020 Liter(s)
Test Notes:
Container ID: 1SS00187

Initial Pressure (psig): -3.14 Final Pressure (psig): -7.07

Container Dilution Factor: 0.66

CAS #	Compound	Result ppbV		LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	**81,000**		960	330	140	
75-27-4	Bromodichloromethane		84	260	84	38	**U**
79-01-6	Trichloroethene		100	310	100	44	**U**
123-91-1	1,4-Dioxane		160	480	160	58	**U**
142-82-5	n-Heptane	**66,000**		420	260	68	
108-10-1	4-Methyl-2-pentanone	**150**		810	140	59	**J**
108-88-3	Toluene	**60,000**		460	150	57	
591-78-6	2-Hexanone		140	810	140	53	**U**
124-48-1	Dibromochloromethane		66	200	66	27	**U**
106-93-4	1,2-Dibromoethane	**83**		220	73	27	**J**
127-18-4	Tetrachloroethene		83	250	83	34	**U**
100-41-4	Ethylbenzene	**4,600**		400	130	57	
179601-23-1	m,p-Xylenes	**12,000**		760	260	110	
75-25-2	Bromoform		100	170	100	35	**U**
100-42-5	Styrene		250	400	250	67	**U**
95-47-6	o-Xylene	**3,400**		400	130	59	
108-67-8	1,3,5-Trimethylbenzene	**480**		360	110	52	
95-63-6	1,2,4-Trimethylbenzene	**960**		350	110	50	
120-82-1	1,2,4-Trichlorobenzene		140	440	140	58	**U**
91-20-3	Naphthalene		200	330	200	82	**U**
1330-20-7	Xylenes, Total	**15,000**		760	260	110	

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J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210715-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	0.19	0.30	0.19	0.076	U
75-71-8	Dichlorodifluoromethane (CFC 12)	0.065	0.11	0.065	0.018	U
74-87-3	Chloromethane	0.16	0.25	0.16	0.042	U
75-01-4	Vinyl Chloride	0.067	0.21	0.067	0.022	U
106-99-0	1,3-Butadiene	0.14	0.24	0.14	0.040	U
75-00-3	Chloroethane	0.12	0.20	0.12	0.025	U
64-17-5	Ethanol	0.44	2.8	0.44	0.20	U
67-64-1	Acetone	1.1	2.2	1.1	0.51	U
75-69-4	Trichlorofluoromethane	0.057	0.091	0.057	0.014	U
67-63-0	2-Propanol (Isopropyl Alcohol)	0.26	0.41	0.26	0.090	U
75-09-2	Methylene Chloride	0.092	0.15	0.092	0.043	U
76-13-1	Trichlorotrifluoroethane	0.022	0.069	0.022	0.0099	U
75-15-0	Carbon Disulfide	0.17	0.32	0.17	0.051	U
75-34-3	1,1-Dichloroethane	0.082	0.13	0.082	0.019	U
78-93-3	2-Butanone (MEK)	0.11	0.34	0.11	0.037	U
141-78-6	Ethyl Acetate	0.18	0.28	0.18	0.078	U
110-54-3	n-Hexane	0.091	0.15	0.091	0.031	U
67-66-3	Chloroform	0.035	0.11	0.035	0.015	U
109-99-9	Tetrahydrofuran (THF)	0.058	0.34	0.058	0.023	U
107-06-2	1,2-Dichloroethane	0.042	0.13	0.042	0.015	U
71-43-2	Benzene	0.053	0.16	0.053	0.024	U
56-23-5	Carbon Tetrachloride	0.027	0.081	0.027	0.012	U

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LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Method Blank** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210715-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Container Dilution Factor: 1.00

CAS #	Compound	Result ppbV	LOQ ppbV	LOD ppbV	MDL ppbV	Data Qualifier
110-82-7	Cyclohexane	0.099	0.29	0.099	0.044	U
75-27-4	Bromodichloromethane	0.025	0.078	0.025	0.011	U
79-01-6	Trichloroethene	0.032	0.095	0.032	0.013	U
123-91-1	1,4-Dioxane	0.047	0.14	0.047	0.017	U
142-82-5	n-Heptane	0.078	0.13	0.078	0.021	U
108-10-1	4-Methyl-2-pentanone	0.041	0.24	0.041	0.018	U
108-88-3	Toluene	0.045	0.14	0.045	0.017	U
591-78-6	2-Hexanone	0.042	0.24	0.042	0.016	U
124-48-1	Dibromochloromethane	0.020	0.061	0.020	0.0082	U
106-93-4	1,2-Dibromoethane	0.022	0.068	0.022	0.0081	U
127-18-4	Tetrachloroethene	0.025	0.077	0.025	0.010	U
100-41-4	Ethylbenzene	0.039	0.12	0.039	0.017	U
179601-23-1	m,p-Xylenes	0.078	0.23	0.078	0.032	U
75-25-2	Bromoform	0.031	0.051	0.031	0.011	U
100-42-5	Styrene	0.075	0.12	0.075	0.020	U
95-47-6	o-Xylene	0.039	0.12	0.039	0.018	U
108-67-8	1,3,5-Trimethylbenzene	0.035	0.11	0.035	0.016	U
95-63-6	1,2,4-Trimethylbenzene	0.035	0.11	0.035	0.015	U
120-82-1	1,2,4-Trichlorobenzene	0.043	0.13	0.043	0.018	U
91-20-3	Naphthalene	0.059	0.099	0.059	0.025	U
1330-20-7	Xylenes, Total	0.078	0.23	0.078	0.032	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
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ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: **EA Engineering, Science, and Technology, Inc.**
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Project ID: P2103567

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/24/21
Analyst: Simon Cao Date(s) Received: 7/1/21
Sampling Media: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 7/15/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210715-MB	**95**	**105**	**110**	70-130	
Lab Control Sample	P210715-LCS	**94**	**99**	**106**	70-130	
Duplicate Lab Control Sample	P210715-DLCS	**94**	**99**	**106**	70-130	
SV3-007-212	P2103567-001	**94**	**105**	**111**	70-130	
SV3-015-212	P2103567-002	**93**	**105**	**111**	70-130	
SV3-272-212	P2103567-003	**93**	**102**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210715-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	122	93.6	91.7	**77**	**75**	57-136	3	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	42.5	36.4	35.9	**86**	**84**	59-128	2	25	
74-87-3	Chloromethane	99.8	82.5	81.3	**83**	**81**	59-132	2	25	
75-01-4	Vinyl Chloride	81.4	61.4	59.7	**75**	**73**	64-127	3	25	
106-99-0	1,3-Butadiene	95.0	79.8	79.4	**84**	**84**	66-134	0	25	
75-00-3	Chloroethane	77.3	65.7	64.2	**85**	**83**	63-127	2	25	
64-17-5	Ethanol	530	403	400	**76**	**75**	59-125	1	25	
67-64-1	Acetone	435	365	363	**84**	**83**	58-128	1	25	
75-69-4	Trichlorofluoromethane	36.3	31.6	31.5	**87**	**87**	62-126	0	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	166	143	143	**86**	**86**	52-125	0	25	
75-09-2	Methylene Chloride	59.9	53.1	52.9	**89**	**88**	62-115	1	25	
76-13-1	Trichlorotrifluoroethane	27.9	25.3	25.2	**91**	**90**	66-126	1	25	
75-15-0	Carbon Disulfide	137	121	120	**88**	**88**	57-134	0	25	
75-34-3	1,1-Dichloroethane	52.4	40.0	39.8	**76**	**76**	68-126	0	25	
78-93-3	2-Butanone (MEK)	140	124	125	**89**	**89**	67-130	0	25	
141-78-6	Ethyl Acetate	117	131	129	**112**	**110**	65-128	2	25	
110-54-3	n-Hexane	60.2	49.8	49.6	**83**	**82**	63-120	1	25	
67-66-3	Chloroform	43.8	33.9	33.9	**77**	**77**	68-123	0	25	
109-99-9	Tetrahydrofuran (THF)	136	118	118	**87**	**87**	64-123	0	25	
107-06-2	1,2-Dichloroethane	51.4	39.5	39.5	**77**	**77**	65-128	0	25	
71-43-2	Benzene	63.9	49.7	49.6	**78**	**78**	69-119	0	25	
56-23-5	Carbon Tetrachloride	33.4	26.3	26.4	**79**	**79**	68-132	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **EA Engineering, Science, and Technology, Inc.**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2103567
Client Project ID: **Kirtland AFB Bulk Fuels Facility / 62735DM02** ALS Sample ID: P210715-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/21
Sampling Media: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS ppbV	Result LCS ppbV	Result DLCS ppbV	% Recovery LCS	% Recovery DLCS	DOD Acceptance Limits	RPD	RPD Limit	Data Qualifier
110-82-7	Cyclohexane	121	104	104	**86**	**86**	70-117	0	25	
75-27-4	Bromodichloromethane	31.4	25.4	25.4	**81**	**81**	72-128	0	25	
79-01-6	Trichloroethene	38.3	30.4	30.5	**79**	**80**	71-123	1	25	
123-91-1	1,4-Dioxane	57.7	52.4	52.4	**91**	**91**	71-122	0	25	
142-82-5	n-Heptane	51.3	43.4	43.5	**85**	**85**	69-123	0	25	
108-10-1	4-Methyl-2-pentanone	102	89.5	89.5	**88**	**88**	67-130	0	25	
108-88-3	Toluene	54.7	49.6	49.7	**91**	**91**	66-119	0	25	
591-78-6	2-Hexanone	98.7	88.9	88.8	**90**	**90**	62-128	0	25	
124-48-1	Dibromochloromethane	24.7	21.8	21.8	**88**	**88**	70-130	0	25	
106-93-4	1,2-Dibromoethane	27.1	23.3	23.4	**86**	**86**	74-122	0	25	
127-18-4	Tetrachloroethene	30.4	25.8	26.0	**85**	**86**	66-124	1	25	
100-41-4	Ethylbenzene	47.4	43.7	43.7	**92**	**92**	70-124	0	25	
179601-23-1	m,p-Xylenes	94.9	87.7	87.8	**92**	**93**	61-134	1	25	
75-25-2	Bromoform	20.1	20.7	20.8	**103**	**103**	66-139	0	25	
100-42-5	Styrene	48.4	46.6	46.5	**96**	**96**	73-127	0	25	
95-47-6	o-Xylene	47.4	43.8	43.8	**92**	**92**	67-125	0	25	
108-67-8	1,3,5-Trimethylbenzene	41.9	39.5	39.5	**94**	**94**	67-130	0	25	
95-63-6	1,2,4-Trimethylbenzene	41.5	39.2	39.4	**94**	**95**	66-132	1	25	
120-82-1	1,2,4-Trichlorobenzene	52.3	53.3	54.4	**102**	**104**	55-142	2	25	
91-20-3	Naphthalene	37.8	43.0	44.1	**114**	**117**	57-138	3	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

APPENDIX C-3

Soil Vapor Analytical Data

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-001	TO-15-ug/m3	4/23/2021	N	INITIAL	9240
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	DILUTION	20400
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	DILUTION	20400
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	P2101875-007	TO-15-ug/m3	4/20/2021	N	INITIAL	530
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101894-005	TO-15-ug/m3	4/22/2021	N	INITIAL	3270
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/23/2021	N	DILUTION	51
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	4/26/2021	N	INITIAL	4.68
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	P2101896-013	TO-15-ug/m3	5/4/2021	N	DILUTION	59.5
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-002	TO-15-ug/m3	4/23/2021	N	INITIAL	23100

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	P2101897-003	TO-15-ug/m3	4/23/2021	N	INITIAL	22200
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-005	TO-15-ug/m3	4/23/2021	N	INITIAL	21500

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	P2101897-006	TO-15-ug/m3	4/23/2021	N	INITIAL	47200

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-007	TO-15-ug/m3	4/23/2021	N	INITIAL	30400

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	P2101897-008	TO-15-ug/m3	4/23/2021	N	INITIAL	2610
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-009	TO-15-ug/m3	4/23/2021	N	INITIAL	7300
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.68
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-011	TO-15-ug/m3	4/26/2021	N	INITIAL	9240
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-011	TO-15-ug/m3	4/26/2021	N	INITIAL	9240
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-011	TO-15-ug/m3	4/26/2021	N	INITIAL	9240
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-011	TO-15-ug/m3	4/26/2021	N	INITIAL	9240
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-011	TO-15-ug/m3	4/26/2021	N	INITIAL	9240

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-011	TO-15-ug/m3	4/26/2021	N	INITIAL	9240

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101897-012	TO-15-ug/m3	4/26/2021	N	INITIAL	1870

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	P2101897-013	TO-15-ug/m3	4/26/2021	N	INITIAL	24700
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	INITIAL	8160
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	P2101897-014	TO-15-ug/m3	4/26/2021	N	DILUTION	20400
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	P2101897-015	TO-15-ug/m3	4/26/2021	N	INITIAL	33600
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	P2101875-001	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	P2101875-002	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	P2101875-003	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	P2101875-003	TO-15-ug/m3	4/19/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	P2101875-003	TO-15-ug/m3	4/19/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	P2101875-004	TO-15-ug/m3	4/19/2021	N	INITIAL	6
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	P2101875-005	TO-15-ug/m3	4/19/2021	N	INITIAL	141
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	P2101875-006	TO-15-ug/m3	4/20/2021	N	INITIAL	551
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	P2101875-008	TO-15-ug/m3	4/21/2021	N	INITIAL	633
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	P2101875-009	TO-15-ug/m3	4/21/2021	N	INITIAL	1740

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	P2101875-010	TO-15-ug/m3	4/21/2021	N	INITIAL	7370
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	P2101875-011	TO-15-ug/m3	4/21/2021	N	INITIAL	503

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-013	TO-15-ug/m3	4/19/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-014	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	P2101875-016	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	P2101875-015	TO-15-ug/m3	4/19/2021	N	INITIAL	5
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-017	TO-15-ug/m3	4/20/2021	N	INITIAL	51
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	DILUTION	12000
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	P2101875-018	TO-15-ug/m3	4/21/2021	N	INITIAL	3600
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	P2101875-019	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101875-020	TO-15-ug/m3	4/20/2021	N	INITIAL	5
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101875-021	TO-15-ug/m3	4/20/2021	N	INITIAL	6
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101875-022	TO-15-ug/m3	4/21/2021	N	INITIAL	118

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101875-023	TO-15-ug/m3	4/21/2021	N	INITIAL	143
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	P2101875-024	TO-15-ug/m3	4/21/2021	N	INITIAL	370
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-001	TO-15-ug/m3	4/22/2021	N	INITIAL	8120
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101894-002	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101894-003	TO-15-ug/m3	4/22/2021	N	INITIAL	4.68
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101894-003	TO-15-ug/m3	4/22/2021	N	INITIAL	4.68
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101894-003	TO-15-ug/m3	4/22/2021	N	INITIAL	4.68

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101894-003	TO-15-ug/m3	4/22/2021	N	INITIAL	4.68

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101894-004	TO-15-ug/m3	4/22/2021	N	INITIAL	4.58
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101894-006	TO-15-ug/m3	4/22/2021	N	INITIAL	613

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101894-007	TO-15-ug/m3	4/22/2021	N	INITIAL	9400

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	P2101894-009	TO-15-ug/m3	4/22/2021	N	INITIAL	4.93

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	P2101894-010	TO-15-ug/m3	4/22/2021	N	INITIAL	4.83
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	P2101894-011	TO-15-ug/m3	4/22/2021	N	INITIAL	4.78
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	P2101894-012	TO-15-ug/m3	4/22/2021	N	INITIAL	4.53
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	P2101894-013	TO-15-ug/m3	4/22/2021	N	INITIAL	9.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	P2101894-013	TO-15-ug/m3	4/22/2021	N	INITIAL	9.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	P2101894-014	TO-15-ug/m3	4/22/2021	N	INITIAL	32.5
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	INITIAL	5.05
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	P2101894-015	TO-15-ug/m3	4/22/2021	N	DILUTION	50.5
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	P2101894-016	TO-15-ug/m3	4/22/2021	N	INITIAL	5.1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	P2101894-017	TO-15-ug/m3	4/22/2021	N	INITIAL	5.03

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	P2101894-018	TO-15-ug/m3	4/23/2021	N	INITIAL	4.85
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	P2101894-019	TO-15-ug/m3	4/23/2021	N	INITIAL	5.73

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	P2101894-021	TO-15-ug/m3	4/23/2021	N	INITIAL	5.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	P2101894-022	TO-15-ug/m3	4/23/2021	N	INITIAL	5.18

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	P2101894-023	TO-15-ug/m3	4/23/2021	N	INITIAL	4.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	P2101896-001	TO-15-ug/m3	4/26/2021	N	INITIAL	6.55
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	P2101894-024	TO-15-ug/m3	4/23/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	P2101896-002	TO-15-ug/m3	4/26/2021	N	INITIAL	5.18

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	P2101896-003	TO-15-ug/m3	4/26/2021	N	INITIAL	7.27
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/26/2021	N	INITIAL	6.77
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	P2101896-004	TO-15-ug/m3	4/27/2021	N	DILUTION	27.1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	P2101896-005	TO-15-ug/m3	4/26/2021	N	INITIAL	9.4
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	P2101896-006	TO-15-ug/m3	4/26/2021	N	INITIAL	4.95
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	P2101896-006	TO-15-ug/m3	4/26/2021	N	INITIAL	4.95
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	P2101896-006	TO-15-ug/m3	4/26/2021	N	INITIAL	4.95

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	P2101896-006	TO-15-ug/m3	4/26/2021	N	INITIAL	4.95

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	P2101896-007	TO-15-ug/m3	4/26/2021	N	INITIAL	3030
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	P2101896-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5940
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/26/2021	N	INITIAL	7640
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	P2101896-009	TO-15-ug/m3	4/27/2021	N	DILUTION	25500
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5.78

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-011	TO-15-ug/m3	4/26/2021	N	INITIAL	4.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101896-012	TO-15-ug/m3	4/27/2021	N	INITIAL	8.48
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/26/2021	N	INITIAL	4.83
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-014	TO-15-ug/m3	4/27/2021	N	DILUTION	48.3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	P2101896-015	TO-15-ug/m3	4/27/2021	N	INITIAL	5.43
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	P2101896-016	TO-15-ug/m3	5/3/2021	N	INITIAL	67

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	P2101896-016	TO-15-ug/m3	5/3/2021	N	INITIAL	67

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-017	TO-15-ug/m3	5/3/2021	N	INITIAL	7.63
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-018	TO-15-ug/m3	5/3/2021	N	INITIAL	9.88
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101896-019	TO-15-ug/m3	5/3/2021	N	INITIAL	6.45
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101896-020	TO-15-ug/m3	5/3/2021	N	INITIAL	6.18
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101896-021	TO-15-ug/m3	5/3/2021	N	INITIAL	6.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101896-022	TO-15-ug/m3	5/3/2021	N	INITIAL	8.15
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101896-023	TO-15-ug/m3	5/3/2021	N	INITIAL	7.28
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101896-024	TO-15-ug/m3	5/3/2021	N	INITIAL	7.4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	P2102025-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-002	TO-15-ug/m3	5/5/2021	N	INITIAL	4.55

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-003	TO-15-ug/m3	5/5/2021	N	INITIAL	5.58
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	P2102025-004	TO-15-ug/m3	5/5/2021	N	INITIAL	4.13
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	P2102025-005	TO-15-ug/m3	5/5/2021	N	INITIAL	5.45
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.9
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.9
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.9
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	P2102025-006	TO-15-ug/m3	5/5/2021	N	INITIAL	4.33
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102025-008	TO-15-ug/m3	5/5/2021	N	INITIAL	5.1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	P2102025-009	TO-15-ug/m3	5/5/2021	N	INITIAL	4.28
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	P2102025-010	TO-15-ug/m3	5/5/2021	N	INITIAL	2110

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-011	TO-15-ug/m3	5/6/2021	N	INITIAL	17000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	P2102025-012	TO-15-ug/m3	5/6/2021	N	INITIAL	11700
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	P2102025-013	TO-15-ug/m3	5/6/2021	N	INITIAL	1410

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	P2102025-015	TO-15-ug/m3	5/5/2021	N	INITIAL	4.48

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	P2102025-016	TO-15-ug/m3	5/5/2021	N	INITIAL	4.65

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102025-017	TO-15-ug/m3	5/5/2021	N	INITIAL	4.53
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	P2102025-018	TO-15-ug/m3	5/5/2021	N	INITIAL	4.38
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102025-019	TO-15-ug/m3	5/6/2021	N	INITIAL	243
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	P2102025-020	TO-15-ug/m3	5/6/2021	N	INITIAL	1230
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	P2102025-021	TO-15-ug/m3	5/6/2021	N	INITIAL	4.4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	P2102025-022	TO-15-ug/m3	5/6/2021	N	INITIAL	4.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	P2102025-023	TO-15-ug/m3	5/6/2021	N	INITIAL	5.35

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	P2102025-024	TO-15-ug/m3	5/6/2021	N	INITIAL	5.03

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-001	TO-15-ug/m3	5/6/2021	N	INITIAL	5.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102034-002	TO-15-ug/m3	5/6/2021	N	INITIAL	4.8
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-003	TO-15-ug/m3	5/6/2021	N	INITIAL	4.45
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-004	TO-15-ug/m3	5/6/2021	N	INITIAL	3.9
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	P2102034-005	TO-15-ug/m3	5/7/2021	N	INITIAL	4.88
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	P2102034-005	TO-15-ug/m3	5/7/2021	N	INITIAL	4.88
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	P2102034-005	TO-15-ug/m3	5/7/2021	N	INITIAL	4.88
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	P2102034-005	TO-15-ug/m3	5/7/2021	N	INITIAL	4.88
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	P2102034-005	TO-15-ug/m3	5/7/2021	N	INITIAL	4.88

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	P2102034-005	TO-15-ug/m3	5/7/2021	N	INITIAL	4.88

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	P2102034-006	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	P2102034-007	TO-15-ug/m3	5/7/2021	N	INITIAL	4.78
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	P2102034-008	TO-15-ug/m3	5/7/2021	N	INITIAL	4.6
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	P2102034-009	TO-15-ug/m3	5/20/2021	N	DILUTION	46.3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	P2102034-009	TO-15-ug/m3	5/7/2021	N	INITIAL	4.63

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	P2102034-010	TO-15-ug/m3	5/7/2021	N	INITIAL	65
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	P2102034-011	TO-15-ug/m3	5/7/2021	N	INITIAL	910
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-012	TO-15-ug/m3	5/7/2021	N	INITIAL	107
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-013	TO-15-ug/m3	5/7/2021	N	INITIAL	133
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	P2102034-014	TO-15-ug/m3	5/7/2021	N	INITIAL	313
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	P2102034-014	TO-15-ug/m3	5/7/2021	N	INITIAL	313
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	P2102034-014	TO-15-ug/m3	5/7/2021	N	INITIAL	313

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	P2102034-014	TO-15-ug/m3	5/7/2021	N	INITIAL	313

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-015	TO-15-ug/m3	5/7/2021	N	INITIAL	201
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-016	TO-15-ug/m3	5/7/2021	N	INITIAL	5.03
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	DILUTION	54.3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-017	TO-15-ug/m3	5/7/2021	N	INITIAL	5.43
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102034-018	TO-15-ug/m3	5/7/2021	N	INITIAL	5.4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102034-019	TO-15-ug/m3	5/7/2021	N	INITIAL	5.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	P2102034-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.28
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05

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Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102034-021	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
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KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102034-023	TO-15-ug/m3	5/7/2021	N	INITIAL	5.23
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	P2102034-022	TO-15-ug/m3	5/7/2021	N	INITIAL	4.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	P2102034-022	TO-15-ug/m3	5/7/2021	N	INITIAL	4.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102034-024	TO-15-ug/m3	5/7/2021	N	INITIAL	70.3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-001	TO-15-ug/m3	5/5/2021	N	INITIAL	4.83
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-002	TO-15-ug/m3	5/5/2021	N	INITIAL	5.15

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-005	TO-15-ug/m3	5/6/2021	N	INITIAL	4.95

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Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	P2102163-004	TO-15-ug/m3	5/5/2021	N	INITIAL	6.15
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
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KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08

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well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-006	TO-15-ug/m3	5/5/2021	N	INITIAL	5.08
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
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KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
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KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-007	TO-15-ug/m3	5/5/2021	N	INITIAL	4.58
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-008	TO-15-ug/m3	5/5/2021	N	INITIAL	4.35

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-009	TO-15-ug/m3	5/6/2021	N	INITIAL	4.85

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-010	TO-15-ug/m3	5/6/2021	N	INITIAL	4.83
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	P2102163-011	TO-15-ug/m3	5/6/2021	N	INITIAL	4.25
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	P2102163-012	TO-15-ug/m3	5/6/2021	N	INITIAL	4.63
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-013	TO-15-ug/m3	5/7/2021	N	INITIAL	234
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-014	TO-15-ug/m3	5/6/2021	N	INITIAL	5.43
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-015	TO-15-ug/m3	5/6/2021	N	INITIAL	5.6
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	P2102163-016	TO-15-ug/m3	5/6/2021	N	INITIAL	4.48
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102163-017	TO-15-ug/m3	5/8/2021	N	INITIAL	41

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-019	TO-15-ug/m3	5/7/2021	N	INITIAL	4.38

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-020	TO-15-ug/m3	5/7/2021	N	INITIAL	5.83
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102163-021	TO-15-ug/m3	5/7/2021	N	INITIAL	4.28
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102163-022	TO-15-ug/m3	5/7/2021	N	INITIAL	5.75
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	P2102163-023	TO-15-ug/m3	5/7/2021	N	INITIAL	4.83
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	P2102163-023	TO-15-ug/m3	5/7/2021	N	INITIAL	4.83
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	P2102163-023	TO-15-ug/m3	5/7/2021	N	INITIAL	4.83

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	P2102163-023	TO-15-ug/m3	5/7/2021	N	INITIAL	4.83

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102163-024	TO-15-ug/m3	5/7/2021	N	INITIAL	5.45
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102163-025	TO-15-ug/m3	5/8/2021	N	INITIAL	4.55
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	P2102163-027	TO-15-ug/m3	5/8/2021	N	INITIAL	10.4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	P2102163-029	TO-15-ug/m3	5/6/2021	N	INITIAL	4.73

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	P2102163-030	TO-15-ug/m3	5/6/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	P2102163-031	TO-15-ug/m3	5/7/2021	N	INITIAL	5.05

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	P2102163-033	TO-15-ug/m3	5/8/2021	N	INITIAL	4.68

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	P2102163-028	TO-15-ug/m3	5/6/2021	N	INITIAL	5.98

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	P2102031-001	TO-15-ug/m3	5/8/2021	N	INITIAL	4.28
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	P2102031-002	TO-15-ug/m3	5/8/2021	N	INITIAL	4.93
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	P2102031-003	TO-15-ug/m3	5/10/2021	N	INITIAL	497
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-004	TO-15-ug/m3	5/10/2021	N	INITIAL	5.15

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	P2102031-005	TO-15-ug/m3	5/8/2021	N	INITIAL	4.18
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/10/2021	N	DILUTION	46
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-006	TO-15-ug/m3	5/8/2021	N	INITIAL	4.6
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-007	TO-15-ug/m3	5/8/2021	N	INITIAL	5.63
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-008	TO-15-ug/m3	5/8/2021	N	INITIAL	4.23

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-009	TO-15-ug/m3	5/10/2021	N	INITIAL	13.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-010	TO-15-ug/m3	5/10/2021	N	INITIAL	147
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-011	TO-15-ug/m3	5/10/2021	N	INITIAL	6.35
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-012	TO-15-ug/m3	5/9/2021	N	INITIAL	6.52
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	P2102031-014	TO-15-ug/m3	5/9/2021	N	INITIAL	4.23
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	P2102031-014	TO-15-ug/m3	5/9/2021	N	INITIAL	4.23
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	P2102031-014	TO-15-ug/m3	5/9/2021	N	INITIAL	4.23
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	P2102031-014	TO-15-ug/m3	5/9/2021	N	INITIAL	4.23

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	P2102031-014	TO-15-ug/m3	5/9/2021	N	INITIAL	4.23

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	P2102031-013	TO-15-ug/m3	5/9/2021	N	INITIAL	5.1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-015	TO-15-ug/m3	5/9/2021	N	INITIAL	4.75
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-016	TO-15-ug/m3	5/9/2021	N	INITIAL	4.48
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-017	TO-15-ug/m3	5/10/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-018	TO-15-ug/m3	5/10/2021	N	INITIAL	4.65
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	P2102031-019	TO-15-ug/m3	5/10/2021	N	INITIAL	4.95
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	P2102031-020	TO-15-ug/m3	5/10/2021	N	INITIAL	4.78
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	P2102031-021	TO-15-ug/m3	5/10/2021	N	INITIAL	4.93
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-022	TO-15-ug/m3	5/10/2021	N	INITIAL	4.75
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-022	TO-15-ug/m3	5/10/2021	N	INITIAL	4.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	P2102031-022	TO-15-ug/m3	5/10/2021	N	INITIAL	4.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	P2102031-023	TO-15-ug/m3	5/10/2021	N	INITIAL	97
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	INITIAL	4.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	P2102031-024	TO-15-ug/m3	5/10/2021	N	DILUTION	46
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	P2102356-001	TO-15-ug/m3	5/17/2021	N	INITIAL	9900
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-002	TO-15-ug/m3	5/17/2021	N	INITIAL	34000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	P2102356-003	TO-15-ug/m3	5/17/2021	N	INITIAL	49300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	INITIAL	38800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	P2102356-004	TO-15-ug/m3	5/18/2021	N	DILUTION	77600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	P2102356-005	TO-15-ug/m3	5/17/2021	N	INITIAL	42000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	P2102356-007	TO-15-ug/m3	5/18/2021	N	INITIAL	643

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	P2102356-008	TO-15-ug/m3	5/18/2021	N	INITIAL	45300
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	INITIAL	4630
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	P2102356-009	TO-15-ug/m3	5/18/2021	N	DILUTION	13900
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/18/2021	N	INITIAL	8400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	P2102356-010	TO-15-ug/m3	5/19/2021	N	DILUTION	21000
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	P2102356-011	TO-15-ug/m3	5/19/2021	N	INITIAL	14.2
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	P2102356-012	TO-15-ug/m3	5/18/2021	N	INITIAL	3580
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	P2102356-012	TO-15-ug/m3	5/18/2021	N	INITIAL	3580
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	P2102356-012	TO-15-ug/m3	5/18/2021	N	INITIAL	3580
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	P2102356-012	TO-15-ug/m3	5/18/2021	N	INITIAL	3580
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	P2102356-012	TO-15-ug/m3	5/18/2021	N	INITIAL	3580

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	P2102356-012	TO-15-ug/m3	5/18/2021	N	INITIAL	3580

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	P2102356-013	TO-15-ug/m3	5/19/2021	N	INITIAL	322
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	P2102356-014	TO-15-ug/m3	5/19/2021	N	INITIAL	263

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	P2102356-015	TO-15-ug/m3	5/19/2021	N	INITIAL	190
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	P2102356-015	TO-15-ug/m3	5/19/2021	N	INITIAL	190
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-017	TO-15-ug/m3	5/19/2021	N	INITIAL	25.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	P2102356-016	TO-15-ug/m3	5/19/2021	N	INITIAL	28.6
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	P2102356-018	TO-15-ug/m3	5/19/2021	N	INITIAL	172
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	P2102356-019	TO-15-ug/m3	5/19/2021	N	INITIAL	189
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	P2102356-020	TO-15-ug/m3	5/18/2021	N	INITIAL	3520
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101902-024	TO-15-ug/m3	4/27/2021	N	INITIAL	3730
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101902-024	TO-15-ug/m3	4/27/2021	N	INITIAL	3730
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101902-024	TO-15-ug/m3	4/27/2021	N	INITIAL	3730

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	P2101902-024	TO-15-ug/m3	4/27/2021	N	INITIAL	3730

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	P2101902-001	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	P2101902-002	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-003	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-005	TO-15-ug/m3	4/26/2021	N	INITIAL	6
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	P2101902-006	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	P2101902-007	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-008	TO-15-ug/m3	4/26/2021	N	INITIAL	5
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-009	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-009	TO-15-ug/m3	4/26/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-010	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-011	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	P2101902-012	TO-15-ug/m3	4/27/2021	N	INITIAL	5
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	P2101902-013	TO-15-ug/m3	4/27/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	P2101902-014	TO-15-ug/m3	4/28/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	P2101902-015	TO-15-ug/m3	4/28/2021	N	INITIAL	6
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	P2101902-016	TO-15-ug/m3	4/28/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	P2101902-017	TO-15-ug/m3	4/28/2021	N	INITIAL	5
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-018	TO-15-ug/m3	4/27/2021	N	DILUTION	1070
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	P2101902-018	TO-15-ug/m3	4/27/2021	N	INITIAL	21

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	P2101902-019	TO-15-ug/m3	4/27/2021	N	INITIAL	9400
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	P2101902-020	TO-15-ug/m3	4/27/2021	N	INITIAL	8430
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	P2101902-021	TO-15-ug/m3	4/27/2021	N	INITIAL	10900
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	P2101902-022	TO-15-ug/m3	4/27/2021	N	INITIAL	832
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	P2101902-023	TO-15-ug/m3	4/27/2021	N	INITIAL	198
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	P2101902-023	TO-15-ug/m3	4/27/2021	N	INITIAL	198
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	P2101902-023	TO-15-ug/m3	4/27/2021	N	INITIAL	198
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	P2101902-023	TO-15-ug/m3	4/27/2021	N	INITIAL	198

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	P2101902-023	TO-15-ug/m3	4/27/2021	N	INITIAL	198

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-001	TO-15-ug/m3	5/14/2021	N	INITIAL	221
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102358-002	TO-15-ug/m3	5/17/2021	N	INITIAL	4200
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	P2102358-003	TO-15-ug/m3	5/17/2021	N	INITIAL	2920
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-004	TO-15-ug/m3	5/17/2021	N	INITIAL	915

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	P2102358-005	TO-15-ug/m3	5/17/2021	N	INITIAL	1960
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/14/2021	N	INITIAL	4.08
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-006	TO-15-ug/m3	5/15/2021	N	DILUTION	40.8
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/14/2021	N	INITIAL	4.38
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/15/2021	N	DILUTION	43.8
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/15/2021	N	DILUTION	43.8
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/15/2021	N	DILUTION	43.8
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-007	TO-15-ug/m3	5/15/2021	N	DILUTION	43.8
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-008	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	P2102358-009	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	P2102358-009	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	P2102358-009	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102358-010	TO-15-ug/m3	5/17/2021	N	INITIAL	590
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	P2102358-011	TO-15-ug/m3	5/14/2021	N	INITIAL	4.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	P2102358-012	TO-15-ug/m3	5/14/2021	N	INITIAL	4.15
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	P2102358-012	TO-15-ug/m3	5/14/2021	N	INITIAL	4.15
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	P2102358-012	TO-15-ug/m3	5/14/2021	N	INITIAL	4.15
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	P2102358-012	TO-15-ug/m3	5/14/2021	N	INITIAL	4.15
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	P2102358-012	TO-15-ug/m3	5/14/2021	N	INITIAL	4.15
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	P2102358-013	TO-15-ug/m3	5/14/2021	N	INITIAL	4.95
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102358-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4.58

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	P2102358-015	TO-15-ug/m3	5/14/2021	N	INITIAL	3.43
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	P2102358-016	TO-15-ug/m3	5/17/2021	N	INITIAL	372

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-001	TO-15-ug/m3	5/13/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	P2102357-002	TO-15-ug/m3	5/13/2021	N	INITIAL	28200

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	P2102357-003	TO-15-ug/m3	5/13/2021	N	INITIAL	11900
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	P2102357-004	TO-15-ug/m3	5/13/2021	N	INITIAL	198
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-005	TO-15-ug/m3	5/13/2021	N	INITIAL	131
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	P2102357-006	TO-15-ug/m3	5/13/2021	N	INITIAL	13800
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	P2102357-006	TO-15-ug/m3	5/13/2021	N	INITIAL	13800
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	P2102357-006	TO-15-ug/m3	5/13/2021	N	INITIAL	13800
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	P2102357-006	TO-15-ug/m3	5/13/2021	N	INITIAL	13800
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	P2102357-006	TO-15-ug/m3	5/13/2021	N	INITIAL	13800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	P2102357-006	TO-15-ug/m3	5/13/2021	N	INITIAL	13800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/13/2021	N	INITIAL	15400
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	P2102357-008	TO-15-ug/m3	5/14/2021	N	DILUTION	30800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/13/2021	N	INITIAL	14800
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	P2102357-007	TO-15-ug/m3	5/14/2021	N	DILUTION	38600
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	P2102357-010	TO-15-ug/m3	5/13/2021	N	INITIAL	5
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	P2102357-009	TO-15-ug/m3	5/13/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	P2102357-011	TO-15-ug/m3	5/14/2021	N	INITIAL	15

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/14/2021	N	INITIAL	11600
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	P2102357-012	TO-15-ug/m3	5/15/2021	N	DILUTION	34800
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	P2102357-013	TO-15-ug/m3	5/14/2021	N	INITIAL	57

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	P2102357-016	TO-15-ug/m3	5/14/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	P2102357-015	TO-15-ug/m3	5/14/2021	N	INITIAL	4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	P2102357-017	TO-15-ug/m3	5/14/2021	N	INITIAL	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	P2102357-018	TO-15-ug/m3	5/15/2021	N	INITIAL	1

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	P2102357-020	TO-15-ug/m3	5/14/2021	N	INITIAL	3100

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	P2102357-021	TO-15-ug/m3	5/15/2021	N	INITIAL	4
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	P2102357-022	TO-15-ug/m3	5/15/2021	N	INITIAL	32000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102357-024	TO-15-ug/m3	5/14/2021	N	INITIAL	960

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	P2102359-002	TO-15-ug/m3	5/19/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/18/2021	N	INITIAL	5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/19/2021	N	DILUTION	46
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/19/2021	N	DILUTION	46
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	P2102359-001	TO-15-ug/m3	5/19/2021	N	DILUTION	46
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	INITIAL	4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	DILUTION	86
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	DILUTION	86
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	P2102359-003	TO-15-ug/m3	5/19/2021	N	DILUTION	86
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	P2102359-004	TO-15-ug/m3	5/19/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	P2102340-023	TO-15-ug/m3	5/14/2021	N	INITIAL	39600

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	P2102340-024	TO-15-ug/m3	5/14/2021	N	INITIAL	40000
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-001	TO-15-ug/m3	5/13/2021	N	INITIAL	3320

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-002	TO-15-ug/m3	5/13/2021	N	INITIAL	2870
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-003	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-004	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	P2102340-005	TO-15-ug/m3	5/13/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	P2102340-006	TO-15-ug/m3	5/13/2021	N	INITIAL	5
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-007	TO-15-ug/m3	5/13/2021	N	INITIAL	4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	P2102340-008	TO-15-ug/m3	5/13/2021	N	INITIAL	35
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	P2102340-008	TO-15-ug/m3	5/13/2021	N	INITIAL	35
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	P2102340-008	TO-15-ug/m3	5/13/2021	N	INITIAL	35
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	P2102340-008	TO-15-ug/m3	5/13/2021	N	INITIAL	35

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	P2102340-008	TO-15-ug/m3	5/13/2021	N	INITIAL	35

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	P2102340-009	TO-15-ug/m3	5/13/2021	N	INITIAL	840
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	P2102340-010	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	P2102340-011	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102340-012	TO-15-ug/m3	5/14/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	P2102340-013	TO-15-ug/m3	5/14/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	P2102340-014	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	P2102340-015	TO-15-ug/m3	5/14/2021	N	INITIAL	95
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102340-016	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102340-017	TO-15-ug/m3	5/14/2021	N	INITIAL	4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102340-017	TO-15-ug/m3	5/14/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102340-017	TO-15-ug/m3	5/14/2021	N	INITIAL	4

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	P2102340-018	TO-15-ug/m3	5/14/2021	N	INITIAL	19
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	P2102340-019	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	P2102340-020	TO-15-ug/m3	5/14/2021	N	INITIAL	5
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	P2102340-022	TO-15-ug/m3	5/14/2021	N	INITIAL	205
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	P2102340-021	TO-15-ug/m3	5/14/2021	N	INITIAL	84

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	P2102243-001	TO-15-ug/m3	5/11/2021	N	INITIAL	4.4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-002	TO-15-ug/m3	5/11/2021	N	INITIAL	5.05
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	INITIAL	370
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	DILUTION	1850
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	P2102243-003	TO-15-ug/m3	5/11/2021	N	DILUTION	1850

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	P2102243-004	TO-15-ug/m3	5/11/2021	N	INITIAL	9150

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	P2102243-006	TO-15-ug/m3	5/12/2021	N	INITIAL	33.8

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	P2102243-005	TO-15-ug/m3	5/12/2021	N	INITIAL	76.8
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-007	TO-15-ug/m3	5/12/2021	N	DILUTION	47.5
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-008	TO-15-ug/m3	5/12/2021	N	INITIAL	4.68
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-009	TO-15-ug/m3	5/11/2021	N	INITIAL	4.78
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-009	TO-15-ug/m3	5/11/2021	N	INITIAL	4.78
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-009	TO-15-ug/m3	5/11/2021	N	INITIAL	4.78
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-009	TO-15-ug/m3	5/11/2021	N	INITIAL	4.78
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-009	TO-15-ug/m3	5/11/2021	N	INITIAL	4.78

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-009	TO-15-ug/m3	5/11/2021	N	INITIAL	4.78

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	P2102243-010	TO-15-ug/m3	5/11/2021	N	INITIAL	4.25
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	P2102243-011	TO-15-ug/m3	5/11/2021	N	INITIAL	4.65
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	P2102243-012	TO-15-ug/m3	5/11/2021	N	INITIAL	4.33
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	P2102243-014	TO-15-ug/m3	5/12/2021	N	DILUTION	3660
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	P2102243-014	TO-15-ug/m3	5/12/2021	N	DILUTION	3660
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	P2102243-014	TO-15-ug/m3	5/12/2021	N	DILUTION	3660
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	P2102243-014	TO-15-ug/m3	5/12/2021	N	INITIAL	915

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	P2102243-013	TO-15-ug/m3	5/12/2021	N	INITIAL	855

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	P2102243-015	TO-15-ug/m3	5/12/2021	N	INITIAL	4.98
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	P2102243-016	TO-15-ug/m3	5/12/2021	N	INITIAL	4.75

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	P2102243-018	TO-15-ug/m3	5/12/2021	N	INITIAL	1790

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	P2102243-019	TO-15-ug/m3	5/12/2021	N	INITIAL	573
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	P2102243-021	TO-15-ug/m3	5/13/2021	N	INITIAL	97
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183

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Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	P2102243-020	TO-15-ug/m3	5/12/2021	N	INITIAL	183
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	P2102243-022	TO-15-ug/m3	5/12/2021	N	INITIAL	4.78
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	P2102243-023	TO-15-ug/m3	5/12/2021	N	INITIAL	4.6

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	P2102243-024	TO-15-ug/m3	5/12/2021	N	INITIAL	8.55
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	P2102853-001	TO-15-ug/m3	6/9/2021	N	INITIAL	240

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	P2103567-002	TO-15-ug/m3	7/15/2021	N	INITIAL	3.87

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	lab_sample_id	analytic_method	analysis_date	fraction	test_type	dilution_factor
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	P2103567-003	TO-15-ug/m3	7/15/2021	N	INITIAL	3300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	270000	270000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	860000	860000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	25000	25000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 6000	6000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	180000	180000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	22000	22000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 7700	7700	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 5800	5800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 25000	25000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	27000	27000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 5000	5000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 2900	2900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	2800	2800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	870	870	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	1000000	1000000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	1500000	1500000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	150000	150000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	9200	9200	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	9900	9900	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	2200000	2200000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	2700000	2700000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	2300000	2300000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	12000	12000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	450000	450000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 22000	22000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	2100000	2100000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	350000	350000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 28000	28000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 21000	21000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 91000	91000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	940000	940000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 5700	5700	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	100-41-4	Ethylbenzene	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	100-42-5	Styrene	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	106-99-0	1,3-Butadiene	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	108-88-3	Toluene	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	109-99-9	Tetrahydrofuran	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	110-54-3	Hexane	69	69	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	110-82-7	Cyclohexane	< 180	180	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	115-07-1	Propylene (propene)	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	123-91-1	1,4-Dioxane	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	124-48-1	Dibromochloromethane	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	127-18-4	Tetrachloroethene	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	1330-20-7	Xylenes, total	90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	141-78-6	Ethyl acetate	160	160	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	142-82-5	n-Heptane	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	179601-23-1	m- & p-Xylenes	90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	56-23-5	Carbon tetrachloride	72	72	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	591-78-6	2-Hexanone	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	64-17-5	Ethanol	3100	3100	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	67-63-0	Isopropyl alcohol	410	410	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	67-64-1	Acetone	650	650	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	67-66-3	Chloroform	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	71-43-2	Benzene	1200	1200	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	74-87-3	Chloromethane	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-00-3	Chloroethane	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-01-4	Vinyl chloride	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-09-2	Methylene chloride	400	400	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-15-0	Carbon disulfide	< 290	290	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-25-2	Bromoform	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-27-4	Bromodichloromethane	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-69-4	Trichlorofluoromethane	< 170	170	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	75-71-8	Dichlorodifluoromethane	83	83	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	98	98	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	78-93-3	2-Butanone	76	76	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	79-01-6	Trichloroethene	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	91-20-3	Naphthalene	< 160	160	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	95-47-6	o-Xylene	< 90	90	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 90	90	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 560	560	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	420	420	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	36000	36000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	200000	200000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	4200	4200	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 2100	2100	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	35000	35000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	1300	1300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	< 2700	2700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 2100	2100	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	< 8800	8800	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	3200	3200	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	< 1800	1800	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1100	1100	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 560	560	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1000	1000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	2900	2900	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 560	560	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	2.7	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	2.2	2.2	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	230	230	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	0.45	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	0.93	0.93	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	2.7	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	1300	1300	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	100-41-4	Ethylbenzene	0.8	0.8	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	100-42-5	Styrene	0.46	0.46	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	108-88-3	Toluene	26	26	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	109-99-9	Tetrahydrofuran	11	11	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	110-54-3	Hexane	2.7	2.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	110-82-7	Cyclohexane	0.95	0.95	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	115-07-1	Propylene (propene)	1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	127-18-4	Tetrachloroethene	16	16	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	1330-20-7	Xylenes, total	3.4	3.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	141-78-6	Ethyl acetate	93	93	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	142-82-5	n-Heptane	1	1	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	179601-23-1	m- & p-Xylenes	2.5	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	56-23-5	Carbon tetrachloride	6.9	6.9	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	591-78-6	2-Hexanone	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	64-17-5	Ethanol	43	43	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	67-63-0	Isopropyl alcohol	8.4	8.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	67-64-1	Acetone	44	44	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	67-66-3	Chloroform	3	3	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	71-43-2	Benzene	3.5	3.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	74-87-3	Chloromethane	0.7	0.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-09-2	Methylene chloride	1.8	1.8	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-15-0	Carbon disulfide	17	17	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-69-4	Trichlorofluoromethane	0.94	0.94	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.2	2.2	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	11	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	78-93-3	2-Butanone	6.5	6.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	95-47-6	o-Xylene	0.91	0.91	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	0.55	0.55	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	NONE	P2101896	79-01-6	Trichloroethene	1400	1400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	160000	160000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	8200	8200	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	19000	19000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	1500000	1500000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	1500000	1500000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	1700000	1700000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	590000	590000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 15000	15000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	1800000	1800000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	450000	450000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 19000	19000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 15000	15000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 62000	62000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	460000	460000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 12000	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 7600	7600	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 7400	7400	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 3900	3900	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 7200	7200	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	140000	140000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	26000	26000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	240000	240000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	6500	6500	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	33000	33000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	1600000	1600000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	1100000	1100000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	1600000	1600000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	3100	3100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	850000	850000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 14000	14000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	1400000	1400000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	650000	650000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 18000	18000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 14000	14000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 60000	60000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	380000	380000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 12000	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 7300	7300	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 7100	7100	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 3800	3800	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 6900	6900	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	200000	200000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	78000	78000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	2500	2500	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	< 7300	7300	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	< 7300	7300	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 14000	14000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	< 7300	7300	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 18000	18000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 14000	14000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 58000	58000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	39000	39000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 6900	6900	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 12000	12000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 7100	7100	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	< 3700	3700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	100-41-4	Ethylbenzene	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	100-42-5	Styrene	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	106-99-0	1,3-Butadiene	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	108-88-3	Toluene	3900	3900	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	109-99-9	Tetrahydrofuran	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	110-54-3	Hexane	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	110-82-7	Cyclohexane	< 7100	7100	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	115-07-1	Propylene (propene)	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	123-91-1	1,4-Dioxane	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	124-48-1	Dibromochloromethane	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	127-18-4	Tetrachloroethene	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	1330-20-7	Xylenes, total	< 7100	7100	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	141-78-6	Ethyl acetate	< 14000	14000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	142-82-5	n-Heptane	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	179601-23-1	m- & p-Xylenes	< 7100	7100	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	56-23-5	Carbon tetrachloride	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	591-78-6	2-Hexanone	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	64-17-5	Ethanol	< 17000	17000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	67-63-0	Isopropyl alcohol	< 13000	13000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	67-64-1	Acetone	< 57000	57000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	67-66-3	Chloroform	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	71-43-2	Benzene	50000	50000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	74-87-3	Chloromethane	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-00-3	Chloroethane	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-01-4	Vinyl chloride	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-09-2	Methylene chloride	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-15-0	Carbon disulfide	< 11000	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-25-2	Bromoform	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-27-4	Bromodichloromethane	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 6900	6900	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	78-93-3	2-Butanone	< 6700	6700	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	79-01-6	Trichloroethene	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	91-20-3	Naphthalene	< 6500	6500	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	95-47-6	o-Xylene	< 3600	3600	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	< 3600	3600	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	180000	180000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	10000	10000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	13000	13000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	2800000	2800000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	2900000	2900000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	2800000	2800000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	670000	670000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 31000	31000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	2800000	2800000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	530000	530000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 39000	39000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 30000	30000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 130000	130000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	1000000	1000000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 25000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 16000	16000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 8000	8000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 15000	15000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	140000	140000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	21000	21000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	11000	11000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	160000	160000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	2800000	2800000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	2300000	2300000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	4700	4700	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	110000	110000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 20000	20000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	2900000	2900000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	78000	78000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 25000	25000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 19000	19000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 82000	82000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	640000	640000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 16000	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 10000	10000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 9700	9700	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 5200	5200	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 9400	9400	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	32000	32000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	< 5200	5200	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	1000	1000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	7200	7200	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	210000	210000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	260000	260000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	830	830	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	8600	8600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 1700	1700	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	220000	220000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	6300	6300	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 2200	2200	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 1600	1600	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 7100	7100	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	85000	85000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 1400	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 860	860	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 840	840	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 440	440	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 810	810	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	2200	2200	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	1100	1100	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	1700	1700	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	1700	1700	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	63000	63000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	530000	530000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	610000	610000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	2500	2500	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	52000	52000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 4700	4700	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	720000	720000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	39000	39000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	5100	5100	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 4600	4600	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 20000	20000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	170000	170000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 3900	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 2400	2400	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 2300	2300	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 1200	1200	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 2300	2300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	13000	13000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	1400	1400	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	7	7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	30	30	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	7.6	7.6	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	47	47	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	28	28	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	13	13	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	2.5	2.5	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	4.5	4.5	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	48	48	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	36	36	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	54	54	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	35	35	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	78	78	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	20	20	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 15	15	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	1.1	1.1	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	14	14	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	0.74	0.74	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	2.9	2.9	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	6.1	6.1	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 1.8	1.8	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	2.7	2.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	3.5	3.5	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.5	7.5	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	9.4	9.4	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 0.96	0.96	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	5.9	5.9	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	12	12	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	28	28	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	55000	55000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	7500	7500	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 1600	1600	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	14000	14000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	860000	860000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	1500000	1500000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	8000	8000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	310000	310000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 6000	6000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	560000	560000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	240000	240000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	7000	7000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 5800	5800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 25000	25000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	570000	570000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 5000	5000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 3000	3000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 1600	1600	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 2900	2900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	75000	75000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	29000	29000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	1100000	1100000	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	< 320	320	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	3400	3400	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 3000	3000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 1600	1600	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	2100	2100	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	4800	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 1600	1600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	210	210	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	< 640	640	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	< 640	640	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 1200	1200	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	< 640	640	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 1600	1600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 1200	1200	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 5000	5000	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 1000	1000	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 620	620	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 600	600	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 580	580	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	< 320	320	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	< 320	320	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	110-54-3	Hexane	2200000	2200000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	98000	98000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	8500	8500	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	9600	9600	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	1300000	1300000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	2500000	2500000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	8500	8500	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	380000	380000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 16000	16000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	142-82-5	n-Heptane	2100000	2100000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	290000	290000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 21000	21000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 16000	16000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 67000	67000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	800000	800000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 13000	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 8200	8200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 7900	7900	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 4200	4200	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 7700	7700	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	90000	90000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	14000	14000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	100-41-4	Ethylbenzene	70000	70000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	100-42-5	Styrene	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	106-93-4	1,2-Dibromoethane	8900	8900	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	106-99-0	1,3-Butadiene	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	107-06-2	1,2-Dichloroethane	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	108-10-1	4-Methyl-2-pentanone	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	108-67-8	1,3,5-Trimethylbenzene	6000	6000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	109-99-9	Tetrahydrofuran	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	110-82-7	Cyclohexane	960000	960000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	115-07-1	Propylene (propene)	9300	9300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	120-82-1	1,2,4-Trichlorobenzene	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	123-91-1	1,4-Dioxane	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	124-48-1	Dibromochloromethane	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	127-18-4	Tetrachloroethene	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	1330-20-7	Xylenes, total	440000	440000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	141-78-6	Ethyl acetate	< 5300	5300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	179601-23-1	m- & p-Xylenes	350000	350000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	56-23-5	Carbon tetrachloride	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	591-78-6	2-Hexanone	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	64-17-5	Ethanol	< 6800	6800	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	67-63-0	Isopropyl alcohol	< 5100	5100	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	67-64-1	Acetone	< 22000	22000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	67-66-3	Chloroform	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	71-43-2	Benzene	300000	300000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	74-87-3	Chloromethane	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-00-3	Chloroethane	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-01-4	Vinyl chloride	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 4400	4400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 2700	2700	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 2600	2600	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 1400	1400	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 2500	2500	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	88000	88000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	7500	7500	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	NONE	P2101897	108-88-3	Toluene	1200000	1200000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-09-2	Methylene chloride	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-15-0	Carbon disulfide	< 18000	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-25-2	Bromoform	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-27-4	Bromodichloromethane	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-34-3	1,1-Dichloroethane	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-69-4	Trichlorofluoromethane	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	75-71-8	Dichlorodifluoromethane	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	78-93-3	2-Butanone	< 11000	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	79-01-6	Trichloroethene	< 5700	5700	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	91-20-3	Naphthalene	< 10000	10000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	95-47-6	o-Xylene	92000	92000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	NONE	P2101897	95-63-6	1,2,4-Trimethylbenzene	17000	17000	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	100-42-5	Styrene	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	108-88-3	Toluene	0.84	0.84	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	24	24	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	110-54-3	Hexane	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 2.1	2.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	0.78	0.78	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	< 2.1	2.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 4	4	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	142-82-5	n-Heptane	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 2.1	2.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	64-17-5	Ethanol	11	11	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 3.9	3.9	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	67-64-1	Acetone	< 17	17	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	67-66-3	Chloroform	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	71-43-2	Benzene	0.89	0.89	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 3.3	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-25-2	Bromoform	< 2	2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	2.1	2.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	6.1	6.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	0.47	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	78-93-3	2-Butanone	< 2	2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.9	1.9	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 1	1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 1	1	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	108-88-3	Toluene	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	6.2	6.2	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	1.2	1.2	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	591-78-6	2-Hexanone	0.37	0.37	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	64-17-5	Ethanol	12	12	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	7.3	7.3	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	67-64-1	Acetone	< 12	12	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	67-66-3	Chloroform	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	71-43-2	Benzene	0.45	0.45	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	3	3	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	8.9	8.9	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.36	0.36	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	78-93-3	2-Butanone	3.1	3.1	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 0.77	0.77	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	1	1	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	108-88-3	Toluene	1.2	1.2	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	2.6	2.6	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	110-54-3	Hexane	4	4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	110-82-7	Cyclohexane	2.4	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	2.1	2.1	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	0.46	0.46	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	0.81	0.81	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	< 1.5	1.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	142-82-5	n-Heptane	0.64	0.64	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 1.5	1.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	0.93	0.93	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	591-78-6	2-Hexanone	0.63	0.63	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	64-17-5	Ethanol	4.8	4.8	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 2.8	2.8	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	67-64-1	Acetone	16	16	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	67-66-3	Chloroform	0.71	0.71	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	71-43-2	Benzene	1.2	1.2	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	74-87-3	Chloromethane	3.4	3.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-00-3	Chloroethane	8	8	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	3.2	3.2	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	1.8	1.8	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	5.1	5.1	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	4.2	4.2	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	5.1	5.1	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	0.38	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	78-93-3	2-Butanone	2.6	2.6	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	95-47-6	o-Xylene	0.43	0.43	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	3.8	3.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	1.6	1.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	108-88-3	Toluene	0.94	0.94	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	0.93	0.93	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	110-54-3	Hexane	2.6	2.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	110-82-7	Cyclohexane	3.8	3.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	6.7	6.7	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 0.95	0.95	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	1.6	1.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	< 1.9	1.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 3.6	3.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 1.9	1.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	0.76	0.76	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	591-78-6	2-Hexanone	0.76	0.76	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	64-17-5	Ethanol	10	10	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 3.5	3.5	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	67-66-3	Chloroform	0.79	0.79	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	71-43-2	Benzene	0.55	0.55	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	74-87-3	Chloromethane	2	2	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-00-3	Chloroethane	15	15	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	2.5	2.5	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 3	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	2.8	2.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	2.6	2.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	3.4	3.4	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	78-93-3	2-Butanone	4.1	4.1	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 0.95	0.95	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.95	0.95	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	14	14	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	130	130	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	39	39	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 48	48	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	55	55	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	50	50	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	19	19	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	40	40	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	69	69	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	1400	1400	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	86	86	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	290	290	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 24	24	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	22	22	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	14	14	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	250	250	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 76	76	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 45	45	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 24	24	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 47	47	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	17	17	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	60	60	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	85	85	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	40	40	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	33	33	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 44	44	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	15	15	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	14	14	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	92	92	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	440	440	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	42	42	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	220	220	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	99	99	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	710	710	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	400	400	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	210	210	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	110	110	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	290	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	100	100	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	7900	7900	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	1600	1600	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	4600	4600	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	1300	1300	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	1000	1000	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 300	300	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 180	180	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	93	93	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	200	200	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	130	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	210	210	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 94	94	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 170	170	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	110	110	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	100	100	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	120	120	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	170	170	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	99	99	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 410	410	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	54	54	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	99	99	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	94	94	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	3300	3300	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	300	300	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	800	800	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	2500	2500	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	350	350	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 340	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 210	210	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	100	100	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 200	200	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 110	110	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 110	110	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	1100	1100	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	25000	25000	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	83000	83000	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	3300	3300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	780	780	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	2900	2900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	550	550	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	230	230	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	12000	12000	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	1200	1200	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 4700	4700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	44000	44000	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	940	940	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 940	940	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 570	570	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	< 560	560	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	200	200	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	230	230	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	290	290	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 300	300	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 540	540	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	2800	2800	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 300	300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	1900	1900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	2100	2100	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	20000	20000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	610000	610000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	730000	730000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	5900	5900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	17000	17000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	3900	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	190000	190000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	4100	4100	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	58000	58000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	5400	5400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 20000	20000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	140000	140000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	3700	3700	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 4000	4000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	< 2400	2400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	950	950	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	1100	1100	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 1300	1300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 2300	2300	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	13000	13000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 1300	1300	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	130	130	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	3100	3100	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	46	46	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	10000	10000	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	13000	13000	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	470	470	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	230	230	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	4300	4300	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	330	330	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	6300	6300	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	290	290	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 1400	1400	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	6900	6900	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	83	83	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	260	260	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	190	190	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 170	170	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	74	74	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	520	520	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	270	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	82	82	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 85	85	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 160	160	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	140	140	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 85	85	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	0.35	0.35	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	0.43	0.43	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	3.8	3.8	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	0.75	0.75	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	3.9	3.9	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	2.9	2.9	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	2	2	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	12	12	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	2.4	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	52	52	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	2.4	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	1.1	1.1	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	40	40	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	20	20	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	3.8	3.8	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	14	14	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	0.94	0.94	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	2.5	2.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	41	41	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	300	300	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	49	49	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	2.2	2.2	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.78	0.78	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	1.3	1.3	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.78	0.78	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	2.9	2.9	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	14	14	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	0.63	0.63	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	1.5	1.5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	1.1	1.1	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	12	12	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	0.55	0.55	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	44	44	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	13	13	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	1.9	1.9	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	9.9	9.9	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	0.85	0.85	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	0.71	0.71	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	1.3	1.3	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	44	44	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	340	340	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	54	54	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	1.6	1.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 0.84	0.84	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	1.3	1.3	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	2.1	2.1	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	0.93	0.93	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	0.48	0.48	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	1	1	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	0.75	0.75	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	0.75	0.75	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	21	21	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	4.9	4.9	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	22	22	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	0.9	0.9	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	0.62	0.62	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	8.2	8.2	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	24	24	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	260	260	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27	27	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	1.1	1.1	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 0.84	0.84	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.84	0.84	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	2.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	0.52	0.52	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	0.38	0.38	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	3.8	3.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	7.2	7.2	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	0.63	0.63	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	2.6	2.6	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	0.3	0.3	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	1	1	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	4.9	4.9	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	5.1	5.1	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	0.55	0.55	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	3.9	3.9	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	72	72	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	0.7	0.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	11	11	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	5.4	5.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	8.5	8.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	5.9	5.9	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	2.6	2.6	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	12	12	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	27	27	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	320	320	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	24	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	13	13	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	0.94	0.94	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	4.7	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	0.95	0.95	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	0.78	0.78	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	100-41-4	Ethylbenzene	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	108-88-3	Toluene	1	1	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	109-99-9	Tetrahydrofuran	2.5	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	110-54-3	Hexane	0.74	0.74	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	115-07-1	Propylene (propene)	2	2	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	123-91-1	1,4-Dioxane	1.2	1.2	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	127-18-4	Tetrachloroethene	0.9	0.9	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	142-82-5	n-Heptane	0.59	0.59	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	56-23-5	Carbon tetrachloride	72	72	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	591-78-6	2-Hexanone	0.49	0.49	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	64-17-5	Ethanol	5.1	5.1	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	67-63-0	Isopropyl alcohol	< 3	3	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	67-64-1	Acetone	11	11	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	67-66-3	Chloroform	6.1	6.1	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	71-43-2	Benzene	0.86	0.86	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-01-4	Vinyl chloride	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-15-0	Carbon disulfide	28	28	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-69-4	Trichlorofluoromethane	28	28	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	75-71-8	Dichlorodifluoromethane	310	310	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	24	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	78-93-3	2-Butanone	2.1	2.1	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	79-01-6	Trichloroethene	0.88	0.88	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	95-47-6	o-Xylene	< 0.8	0.8	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 0.8	0.8	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 17	17	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	19	19	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	5.5	5.5	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	< 17	17	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 33	33	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	< 17	17	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	9.2	9.2	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	< 42	42	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 32	32	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 140	140	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	14	14	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 27	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 17	17	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	420	420	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	2700	2700	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	140	140	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 16	16	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	< 8.6	8.6	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 8.6	8.6	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	480000	480000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	6700	6700	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1200	1200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1200	1200	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	7300	7300	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	80000	80000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	210000	210000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	280000	280000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	14000	14000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1200	1200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	94000	94000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	1300	1300	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	60000	60000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	18000	18000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	2100	2100	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 9700	9700	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	15000	15000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1200	1200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1200	1200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	1800	1800	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 1900	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1200	1200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1200	1200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	630	630	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	3100	3100	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	480	480	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 610	610	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1100	1100	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	35000	35000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	8400	8400	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	1.3	1.3	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	0.45	0.45	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	2.3	2.3	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	3.6	3.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	0.89	0.89	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	5	5	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	2.3	2.3	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	0.55	0.55	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	24	24	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	2.7	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	16	16	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	8.5	8.5	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	8	8	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	1.9	1.9	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	39	39	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	0.52	0.52	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	0.79	0.79	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	0.5	0.5	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	5.8	5.8	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.87	0.87	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	11	11	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	86	86	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	34	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	6	6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	1	1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	1.5	1.5	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	7.2	7.2	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	7.9	7.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	2.4	2.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	0.5	0.5	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	3.2	3.2	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	9.5	9.5	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	140	140	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	3.9	3.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	3.2	3.2	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	1.6	1.6	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	0.43	0.43	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	0.89	0.89	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	45	45	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	13	13	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	32	32	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	16	16	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	9.9	9.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 3.4	3.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	11	11	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	0.57	0.57	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	1.4	1.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	3.4	3.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	13	13	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	110	110	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	54	54	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	2.3	2.3	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.92	0.92	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	1.2	1.2	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	12	12	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	8.8	8.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	0.45	0.45	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	0.63	0.63	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	0.49	0.49	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	2.4	2.4	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	0.66	0.66	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	2	2	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	1.5	1.5	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	6.7	6.7	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 3.6	3.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	4.8	4.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	7.6	7.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	1.3	1.3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	4.6	4.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	< 3.5	3.5	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	22	22	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	1.3	1.3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	0.78	0.78	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	0.86	0.86	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	6.4	6.4	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	6.1	6.1	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	59	59	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	21	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	5.7	5.7	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 0.95	0.95	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	2	2	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	1.3	1.3	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	12	12	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	11	11	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	310	310	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	560	560	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	91	91	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	90	90	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	310	310	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	57	57	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	3000	3000	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	92	92	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 320	320	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	5000	5000	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	170	170	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 64	64	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 38	38	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 39	39	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	16	16	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	91	91	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	40	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	27	27	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	< 20	20	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 37	37	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	34	34	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	17	17	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	100-41-4	Ethylbenzene	11	11	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	100-42-5	Styrene	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	106-99-0	1,3-Butadiene	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	57	57	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	108-88-3	Toluene	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	109-99-9	Tetrahydrofuran	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	110-54-3	Hexane	880	880	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	110-82-7	Cyclohexane	8700	8700	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	115-07-1	Propylene (propene)	150	150	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	123-91-1	1,4-Dioxane	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	124-48-1	Dibromochloromethane	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	127-18-4	Tetrachloroethene	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	1330-20-7	Xylenes, total	78	78	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	141-78-6	Ethyl acetate	< 93	93	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	142-82-5	n-Heptane	180	180	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	179601-23-1	m- & p-Xylenes	35	35	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	56-23-5	Carbon tetrachloride	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	591-78-6	2-Hexanone	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	64-17-5	Ethanol	860	860	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	67-63-0	Isopropyl alcohol	71	71	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	67-64-1	Acetone	< 390	390	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	67-66-3	Chloroform	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	71-43-2	Benzene	420	420	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	74-87-3	Chloromethane	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-00-3	Chloroethane	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-01-4	Vinyl chloride	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-09-2	Methylene chloride	75	75	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-15-0	Carbon disulfide	< 77	77	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-25-2	Bromoform	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-27-4	Bromodichloromethane	< 24	24	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 47	47	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-69-4	Trichlorofluoromethane	37	37	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	75-71-8	Dichlorodifluoromethane	260	260	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	26	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	78-93-3	2-Butanone	< 46	46	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	79-01-6	Trichloroethene	21	21	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	91-20-3	Naphthalene	< 44	44	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	95-47-6	o-Xylene	43	43	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	100-41-4	Ethylbenzene	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	100-42-5	Styrene	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	106-93-4	1,2-Dibromoethane	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	106-99-0	1,3-Butadiene	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	107-06-2	1,2-Dichloroethane	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	108-10-1	4-Methyl-2-pentanone	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	108-67-8	1,3,5-Trimethylbenzene	54	54	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	108-88-3	Toluene	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	109-99-9	Tetrahydrofuran	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	110-54-3	Hexane	830	830	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	110-82-7	Cyclohexane	8100	8100	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	115-07-1	Propylene (propene)	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	120-82-1	1,2,4-Trichlorobenzene	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	123-91-1	1,4-Dioxane	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	124-48-1	Dibromochloromethane	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	127-18-4	Tetrachloroethene	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	1330-20-7	Xylenes, total	110	110	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	141-78-6	Ethyl acetate	< 240	240	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	142-82-5	n-Heptane	180	180	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	179601-23-1	m- & p-Xylenes	55	55	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	56-23-5	Carbon tetrachloride	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	591-78-6	2-Hexanone	< 63	63	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	64-17-5	Ethanol	1700	1700	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	67-63-0	Isopropyl alcohol	120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	67-64-1	Acetone	< 1000	1000	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	67-66-3	Chloroform	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	71-43-2	Benzene	390	390	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	74-87-3	Chloromethane	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-00-3	Chloroethane	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-01-4	Vinyl chloride	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-09-2	Methylene chloride	120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-15-0	Carbon disulfide	< 200	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-25-2	Bromoform	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-27-4	Bromodichloromethane	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-34-3	1,1-Dichloroethane	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-69-4	Trichlorofluoromethane	38	38	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	75-71-8	Dichlorodifluoromethane	250	250	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	78-93-3	2-Butanone	< 120	120	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	79-01-6	Trichloroethene	< 63	63	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	91-20-3	Naphthalene	< 110	110	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	95-47-6	o-Xylene	50	50	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	NONE	P2101875	95-63-6	1,2,4-Trimethylbenzene	< 63	63	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	8000	8000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	6300	6300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	110000	110000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	270000	270000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	640000	640000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	10000	10000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	71000	71000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 5300	5300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	420000	420000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	41000	41000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	4500	4500	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 5100	5100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	< 22000	22000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	48000	48000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	< 4400	4400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 1400	1400	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 2700	2700	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	890	890	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 2600	2600	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 1400	1400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 2500	2500	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	29000	29000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	5100	5100	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	1.4	1.4	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	4.2	4.2	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	6	6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	0.83	0.83	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	1.2	1.2	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	1.1	1.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	4.6	4.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	24	24	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	5.1	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	14	14	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	27	27	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	7.2	7.2	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	1.4	1.4	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	22	22	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	0.67	0.67	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	0.73	0.73	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	1.7	1.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	1	1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	0.62	0.62	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	14	14	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	97	97	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150	150	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	5	5	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 0.86	0.86	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	1.2	1.2	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	9.9	9.9	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	8	8	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	0.71	0.71	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	2.2	2.2	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	3.4	3.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	14	14	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	1.1	1.1	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	2.8	2.8	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	5.1	5.1	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	4.3	4.3	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	6.5	6.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	31	31	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	8.2	8.2	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	2	2	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	30	30	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	0.57	0.57	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	0.96	0.96	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	1.4	1.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	0.36	0.36	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	3.5	3.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	15	15	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	100	100	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	160	160	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	13	13	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 0.79	0.79	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	1.1	1.1	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	4.2	4.2	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	3.6	3.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	0.54	0.54	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	1.3	1.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	3.5	3.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	0.79	0.79	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	4.3	4.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	8.3	8.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	3.7	3.7	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	5.1	5.1	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	35	35	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	2.2	2.2	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	8.3	8.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	5.7	5.7	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	1.4	1.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	13	13	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	16	16	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	120	120	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	170	170	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 1.5	1.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	1.4	1.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	0.89	0.89	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	3.2	3.2	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	2.2	2.2	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	280	280	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	370	370	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	3100	3100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	880	880	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	16000	16000	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	40000	40000	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	1200	1200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	5000	5000	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 400	400	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	28000	28000	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	1100	1100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	< 510	510	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 390	390	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	< 1700	1700	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	410	410	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	< 330	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	130	130	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150	150	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 200	200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 100	100	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 190	190	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	3900	3900	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	2300	2300	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	29000	29000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	100-42-5	Styrene	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	2900	2900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	24000	24000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	108-88-3	Toluene	160000	160000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	110-54-3	Hexane	410000	410000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	110-82-7	Cyclohexane	700000	700000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	20000	20000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	490000	490000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 6100	6100	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	142-82-5	n-Heptane	790000	790000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	360000	360000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	64-17-5	Ethanol	35000	35000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 5900	5900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	67-64-1	Acetone	< 25000	25000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	67-66-3	Chloroform	1400	1400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	71-43-2	Benzene	22000	22000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-09-2	Methylene chloride	3900	3900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	< 5100	5100	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-25-2	Bromoform	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 3100	3100	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 3000	3000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1500	1500	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	1300	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 3000	3000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 1600	1600	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 2900	2900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	95-47-6	o-Xylene	130000	130000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	47000	47000	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	1.9	1.9	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.3	1.3	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	0.82	0.82	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	2.2	2.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	4.7	4.7	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	0.61	0.61	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 2.5	2.5	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	0.61	0.61	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	6.8	6.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	0.38	0.38	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	54	54	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	3.1	3.1	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	24	24	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	0.35	0.35	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	0.36	0.36	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	2.6	2.6	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	2.1	2.1	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	110	110	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	0.45	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	3.2	3.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	3.4	3.4	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.2	1.2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.64	0.64	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	1300	1300	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.56	0.56	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	130	130	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	0.9	0.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	55	55	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	14	14	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	32	32	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	7.1	7.1	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	1.8	1.8	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	33	33	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	2.5	2.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	10	10	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	13	13	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	250	250	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	2.5	2.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.54	0.54	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	7.3	7.3	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	5.9	5.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.84	0.84	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	0.6	0.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	1600	1600	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.67	0.67	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	1.3	1.3	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	1.9	1.9	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	8	8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	37	37	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	2.9	2.9	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 3	3	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	9.5	9.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	220	220	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	2.8	2.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	23	23	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1.8	1.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	0.78	0.78	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	0.72	0.72	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.82	0.82	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	4.8	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	0.41	0.41	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	4.7	4.7	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	3.1	3.1	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 3	3	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	10	10	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	3.7	3.7	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	7.7	7.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1.3	1.3	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	0.95	0.95	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	1.1	1.1	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.81	0.81	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	100-41-4	Ethylbenzene	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	1.3	1.3	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	109-99-9	Tetrahydrofuran	11	11	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	115-07-1	Propylene (propene)	5.3	5.3	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	127-18-4	Tetrachloroethene	0.64	0.64	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	1330-20-7	Xylenes, total	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	142-82-5	n-Heptane	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	56-23-5	Carbon tetrachloride	4.1	4.1	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	591-78-6	2-Hexanone	0.72	0.72	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	64-17-5	Ethanol	10	10	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	67-63-0	Isopropyl alcohol	1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	67-64-1	Acetone	120	120	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	67-66-3	Chloroform	4.4	4.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	71-43-2	Benzene	0.51	0.51	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	74-87-3	Chloromethane	2.1	2.1	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-15-0	Carbon disulfide	13	13	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-27-4	Bromodichloromethane	0.35	0.35	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1.3	1.3	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	78-93-3	2-Butanone	36	36	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	95-47-6	o-Xylene	< 0.77	0.77	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.71	0.71	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	6.3	6.3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	2.9	2.9	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	17	17	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	3.3	3.3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	20	20	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 3.3	3.3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 6.3	6.3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 3.3	3.3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	5.5	5.5	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 6.1	6.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	< 26	26	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	22	22	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	8.7	8.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 3.2	3.2	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1.6	1.6	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 3.1	3.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	1.6	1.6	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 3	3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 1.7	1.7	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 1.7	1.7	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	48	48	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	19	19	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	15	15	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	140	140	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 10	10	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	6.6	6.6	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 21	21	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	5.4	5.4	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	25	25	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	36	36	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 20	20	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	< 88	88	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	220	220	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	52	52	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	3.6	3.6	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	38	38	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	26	26	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 11	11	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	20	20	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 5.5	5.5	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 10	10	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	5.2	5.2	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 5.5	5.5	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.95	0.95	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	8.3	8.3	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	0.73	0.73	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	1.5	1.5	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	1.1	1.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	9.5	9.5	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	7.1	7.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	21	21	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	2.2	2.2	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	18	18	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	0.42	0.42	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	1.7	1.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	3	3	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	78	78	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	0.48	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	4.5	4.5	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	1.3	1.3	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	760	760	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.47	0.47	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	14	14	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	0.38	0.38	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	7	7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	14	14	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	23	23	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.87	0.87	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	6.4	6.4	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	8.9	8.9	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	6.3	6.3	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	37	37	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	4.4	4.4	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	2.9	2.9	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	12	12	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	77	77	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	4.4	4.4	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	3.1	3.1	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	1.5	1.5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	74	74	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.85	0.85	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	1.5	1.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	8.4	8.4	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	8.9	8.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	22	22	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	1.3	1.3	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	3.6	3.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	0.63	0.63	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	4.2	4.2	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.82	0.82	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.53	0.53	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	8.9	8.9	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	1.3	1.3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	4.6	4.6	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.9	1.9	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.7	3.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.9	1.9	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	16	16	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 3.6	3.6	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	0.62	0.62	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	4.1	4.1	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	1.1	1.1	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	4.2	4.2	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.8	1.8	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.97	0.97	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.97	0.97	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	33	33	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	500	500	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	41	41	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 110	110	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	59	59	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 200	200	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	59	59	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	290	290	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 200	200	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	< 840	840	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	410	410	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	170	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	39	39	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	210	210	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	34	34	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	< 100	100	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 97	97	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 53	53	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 53	53	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	0.87	0.87	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.88	0.88	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.88	0.88	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	0.87	0.87	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	26	26	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	2.2	2.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	3.5	3.5	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	1.1	1.1	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.88	0.88	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	0.77	0.77	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	3.5	3.5	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	5	5	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	1.4	1.4	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	3.7	3.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	11	11	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	1.1	1.1	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	32	32	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	3.8	3.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	0.7	0.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.88	0.88	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	3.5	3.5	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	0.93	0.93	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	59	59	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	0.43	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	3.9	3.9	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	4.4	4.4	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	1.4	1.4	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	0.72	0.72	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	600	600	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	66	66	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	0.89	0.89	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	0.55	0.55	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	19	19	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	7	7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	< 1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.8	1.8	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	23	23	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	1.9	1.9	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	11	11	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	1.4	1.4	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	28	28	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	5.1	5.1	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	2.3	2.3	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	85	85	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	2.5	2.5	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	0.44	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	13	13	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	2.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	590	590	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	100-41-4	Ethylbenzene	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	108-88-3	Toluene	1.9	1.9	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	109-99-9	Tetrahydrofuran	1.1	1.1	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	115-07-1	Propylene (propene)	0.99	0.99	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	127-18-4	Tetrachloroethene	3	3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	1330-20-7	Xylenes, total	1.6	1.6	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	142-82-5	n-Heptane	0.49	0.49	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	179601-23-1	m- & p-Xylenes	1.2	1.2	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	56-23-5	Carbon tetrachloride	19	19	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	591-78-6	2-Hexanone	1.1	1.1	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	64-17-5	Ethanol	8.7	8.7	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	67-63-0	Isopropyl alcohol	< 2.8	2.8	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	67-64-1	Acetone	17	17	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	67-66-3	Chloroform	90	90	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	71-43-2	Benzene	0.83	0.83	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-00-3	Chloroethane	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-15-0	Carbon disulfide	0.82	0.82	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-27-4	Bromodichloromethane	7.4	7.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	78-93-3	2-Butanone	3.1	3.1	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	95-47-6	o-Xylene	0.4	0.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	0.69	0.69	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	1	1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	108-88-3	Toluene	11	11	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	4	4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	110-54-3	Hexane	4.9	4.9	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.2	2.2	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	2.7	2.7	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	0.55	0.55	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	3.3	3.3	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	23	23	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	142-82-5	n-Heptane	1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	2.4	2.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	6.1	6.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	591-78-6	2-Hexanone	2.3	2.3	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	64-17-5	Ethanol	45	45	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	5.5	5.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	67-64-1	Acetone	64	64	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	67-66-3	Chloroform	4.8	4.8	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	71-43-2	Benzene	0.9	0.9	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	74-87-3	Chloromethane	0.58	0.58	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-09-2	Methylene chloride	2.5	2.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	340	340	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.2	2.2	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	3.9	3.9	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.77	0.77	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	78-93-3	2-Butanone	< 2.1	2.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1.1	1.1	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 2	2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	95-47-6	o-Xylene	0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	100-41-4	Ethylbenzene	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	108-67-8	1,3,5-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	108-88-3	Toluene	0.67	0.67	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	109-99-9	Tetrahydrofuran	2	2	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	127-18-4	Tetrachloroethene	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	56-23-5	Carbon tetrachloride	4.1	4.1	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	591-78-6	2-Hexanone	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	64-17-5	Ethanol	2.4	2.4	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	67-64-1	Acetone	9.5	9.5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	67-66-3	Chloroform	4	4	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	71-43-2	Benzene	0.4	0.4	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-15-0	Carbon disulfide	8.1	8.1	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	75-71-8	Dichlorodifluoromethane	1	1	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	78-93-3	2-Butanone	0.98	0.98	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	79-01-6	Trichloroethene	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	95-47-6	o-Xylene	< 0.85	0.85	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	NONE	P2101894	95-63-6	1,2,4-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	110-54-3	Hexane	2	2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	110-82-7	Cyclohexane	5.1	5.1	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	0.65	0.65	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	< 1.8	1.8	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	< 1.8	1.8	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	64-17-5	Ethanol	4.2	4.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	1.6	1.6	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	67-66-3	Chloroform	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	71-43-2	Benzene	2.5	2.5	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	36	36	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	< 1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	0.75	0.75	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	78-93-3	2-Butanone	1.7	1.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	79-01-6	Trichloroethene	1	1	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 0.88	0.88	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	< 0.88	0.88	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	108-88-3	Toluene	2.1	2.1	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	1.9	1.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.5	2.5	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	13	13	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	7	7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	< 2.5	2.5	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4.7	4.7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	< 2.5	2.5	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	21	21	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1.2	1.2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	64-17-5	Ethanol	6.7	6.7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 4.6	4.6	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	67-64-1	Acetone	< 20	20	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	67-66-3	Chloroform	570	570	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	71-43-2	Benzene	1.6	1.6	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	74-87-3	Chloromethane	1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	6	6	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-25-2	Bromoform	1.3	1.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	73	73	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.4	2.4	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	78-93-3	2-Butanone	6.8	6.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	79-01-6	Trichloroethene	2.8	2.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 2.3	2.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1.2	1.2	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	7.4	7.4	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	9.6	9.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	23	23	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	1.7	1.7	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	2	2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	3.2	3.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	46	46	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4.4	4.4	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	3.3	3.3	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	33	33	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	140	140	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	7.3	7.3	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 4.3	4.3	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	21	21	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	5.3	5.3	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	3	3	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.2	1.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	6.1	6.1	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.2	1.2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.2	2.2	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	97	97	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	170	170	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	4.5	4.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	1	1	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	13	13	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	12	12	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	42	42	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	720	720	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	9.2	9.2	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	16	16	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	28	28	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	2	2	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	2.4	2.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	2.1	2.1	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	5.3	5.3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	56	56	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 6.1	6.1	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	4.4	4.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	41	41	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	150	150	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	7.6	7.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	2.3	2.3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	30	30	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	2.8	2.8	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	4.7	4.7	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	9.3	9.3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 3	3	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.6	1.6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 3.1	3.1	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	100	100	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	760	760	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	180	180	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	6.7	6.7	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	3.4	3.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	6	6	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	15	15	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	68	68	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	4.1	4.1	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	6.2	6.2	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	12	12	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	11	11	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	0.96	0.96	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	0.92	0.92	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	0.85	0.85	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	3.5	3.5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	26	26	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	2.2	2.2	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	19	19	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	270	270	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	2.8	2.8	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 13	13	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	94	94	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	2	2	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	10	10	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	79	79	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	180	180	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	1.3	1.3	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	43	43	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	10	10	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	6.5	6.5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	26	26	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	750	750	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	4700	4700	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	1700	1700	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	370	370	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	140000	140000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	300000	300000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	2800	2800	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 510	510	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	9000	9000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 2000	2000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	220000	220000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	9000	9000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	5900	5900	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 1900	1900	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 8200	8200	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	4100	4100	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	< 1600	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1000	1000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	550	550	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	280	280	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	< 970	970	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 940	940	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 510	510	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	2000	2000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	14000	14000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	1300	1300	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	4100	4100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	290000	290000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	440000	440000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	410000	410000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	11000	11000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	190000	190000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 3900	3900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	390000	390000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	140000	140000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	< 4900	4900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 3700	3700	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 16000	16000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	60000	60000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	< 3200	3200	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2000	2000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	1800	1800	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	< 1900	1900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1000	1000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 1800	1800	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	49000	49000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	3400	3400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	17000	17000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	4800	4800	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	5000	5000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	200000	200000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	760000	760000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	1000000	1000000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	29000	29000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	400000	400000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 5000	5000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	310000	310000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	16000	16000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	3000	3000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 21000	21000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	33000	33000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	1400	1400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2500	2500	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2800	2800	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1300	1300	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	1000	1000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 2400	2400	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	83000	83000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	5600	5600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	1900000	1900000	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	1.6	1.6	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	4.6	4.6	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2	2	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	9.1	9.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	1.7	1.7	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 3.8	3.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	1.2	1.2	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	1.5	1.5	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	1.5	1.5	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	16	16	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	2	2	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	31	31	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	1.1	1.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	0.79	0.79	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	2.9	2.9	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	0.56	0.56	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	2.2	2.2	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.98	0.98	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	3.2	3.2	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.8	7.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	11	11	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	180	180	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 1.8	1.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	0.49	0.49	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	0.43	0.43	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	0.85	0.85	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	1.7	1.7	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	0.76	0.76	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	11	11	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	1.9	1.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	5.5	5.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	20	20	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	1	1	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	10	10	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	3.3	3.3	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8.8	8.8	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	3.5	3.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	230	230	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 0.83	0.83	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	< 0.83	0.83	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.9	2.9	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	26	26	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	3.5	3.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 5.5	5.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	1.3	1.3	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	2.2	2.2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	4.6	4.6	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	3.2	3.2	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 5.3	5.3	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 23	23	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	0.85	0.85	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	11	11	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.4	1.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.8	2.8	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.5	1.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	3.7	3.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	16	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	< 2.7	2.7	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	750	750	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 2.6	2.6	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	1.3	1.3	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	0.74	0.74	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	4.6	4.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	18	18	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	11	11	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	8	8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	7.2	7.2	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	5.7	5.7	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	19	19	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	3.4	3.4	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	3.5	3.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	9.7	9.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	0.99	0.99	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.2	2.2	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	13	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	0.87	0.87	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	1600	1600	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	0.93	0.93	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	5.9	5.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	2.3	2.3	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	2.2	2.2	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	< 1.8	1.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	< 1.8	1.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	2	2	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	2.4	2.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	52	52	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	2.9	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	4.8	4.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	5.5	5.5	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	1.4	1.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	12	12	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	0.73	0.73	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	1.6	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	18	18	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	510	510	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 0.92	0.92	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	< 0.92	0.92	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	52	52	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 21	21	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 21	21	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	22	22	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	820	820	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	32	32	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	1500	1500	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	2700	2700	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	310	310	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 21	21	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	8	8	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	200	200	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	250	250	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	810	810	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	110	110	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	2300	2300	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	41	41	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	< 180	180	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	2100	2100	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	17	17	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 21	21	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	130	130	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	94	94	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 21	21	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 22	22	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	10	10	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	20	20	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 11	11	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	150	150	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	200	200	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 21	21	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	81	81	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	13	13	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	1.4	1.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.6	2.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.4	2.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	1.2	1.2	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 5	5	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	1.2	1.2	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	2.7	2.7	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	17	17	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	2.3	2.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	37	37	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	5.8	5.8	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	0.79	0.79	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	< 4.1	4.1	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	1.4	1.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.5	2.5	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	9.6	9.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	1.4	1.4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1.3	1.3	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	1.5	1.5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	1.5	1.5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 3.4	3.4	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	1.5	1.5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 6.4	6.4	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	1.5	1.5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	15	15	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 6.2	6.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	15	15	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	7.1	7.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	< 5.3	5.3	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	1.9	1.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 3.3	3.3	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	1.8	1.8	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	3.2	3.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1.7	1.7	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	2	2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	1	1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	1.6	1.6	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.2	2.2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	0.7	0.7	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	1.2	1.2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4.2	4.2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	1.2	1.2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	2	2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	7.3	7.3	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 4.1	4.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	31	31	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	1.2	1.2	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	5.8	5.8	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.1	2.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	2.5	2.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	3	3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.94	0.94	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	5.7	5.7	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	1.5	1.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1.1	1.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	1.8	1.8	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	0.95	0.95	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	1.9	1.9	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.1	2.1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	0.85	0.85	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	1.2	1.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4	4	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	1.2	1.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	3.1	3.1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	5.5	5.5	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 3.9	3.9	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	8.2	8.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	4.6	4.6	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2	2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	2.7	2.7	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.5	2.5	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	0.99	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	1.6	1.6	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	2.5	2.5	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1	1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	1.8	1.8	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.1	1.1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	0.83	0.83	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	8.2	8.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.2	2.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	< 2.2	2.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4.3	4.3	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	< 2.2	2.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	1.6	1.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	0.76	0.76	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	11	11	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 4.1	4.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	29	29	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	6.3	6.3	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.2	2.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	1.3	1.3	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	4	4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	0.75	0.75	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	2.1	2.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1.1	1.1	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	0.83	0.83	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.6	2.6	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	0.84	0.84	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	1.1	1.1	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	8.7	8.7	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	44	44	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	3.1	3.1	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.8	2.8	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	< 2.6	2.6	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.6	2.6	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	0.55	0.55	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	180	180	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	3.8	3.8	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	2.9	2.9	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	2.9	2.9	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	0.71	0.71	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	96	96	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	3.5	3.5	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	81	81	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	4.2	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	30	30	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	4	4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	7.4	7.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	3.8	3.8	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	140	140	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.6	2.6	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	0.77	0.77	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	1.6	1.6	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	7.6	7.6	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	1.4	1.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	0.94	0.94	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	2.1	2.1	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	1.4	1.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	2.1	2.1	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	4.4	4.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	0.54	0.54	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.5	2.5	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	9.6	9.6	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4.7	4.7	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	0.73	0.73	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	7.5	7.5	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	0.91	0.91	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	11	11	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 4.6	4.6	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	17	17	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	0.61	0.61	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	0.57	0.57	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	1.4	1.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.2	1.2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	29	29	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.3	2.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.4	2.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	9	9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.61	0.61	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	3	3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	< 1.2	1.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	9.4	9.4	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	2.1	2.1	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	100-41-4	Ethylbenzene	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	100-42-5	Styrene	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	106-93-4	1,2-Dibromoethane	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	106-99-0	1,3-Butadiene	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	107-06-2	1,2-Dichloroethane	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	108-10-1	4-Methyl-2-pentanone	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	108-67-8	1,3,5-Trimethylbenzene	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	108-88-3	Toluene	1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	109-99-9	Tetrahydrofuran	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	110-54-3	Hexane	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	110-82-7	Cyclohexane	< 2.5	2.5	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	115-07-1	Propylene (propene)	1.6	1.6	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	120-82-1	1,2,4-Trichlorobenzene	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	123-91-1	1,4-Dioxane	0.93	0.93	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	124-48-1	Dibromochloromethane	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	127-18-4	Tetrachloroethene	1.9	1.9	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	1330-20-7	Xylenes, total	1.5	1.5	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	141-78-6	Ethyl acetate	< 4.8	4.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	142-82-5	n-Heptane	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	179601-23-1	m- & p-Xylenes	1.5	1.5	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	56-23-5	Carbon tetrachloride	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	591-78-6	2-Hexanone	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	64-17-5	Ethanol	12	12	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	67-63-0	Isopropyl alcohol	< 4.7	4.7	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	67-64-1	Acetone	33	33	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	67-66-3	Chloroform	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	71-43-2	Benzene	0.58	0.58	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	74-87-3	Chloromethane	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-00-3	Chloroethane	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-01-4	Vinyl chloride	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-09-2	Methylene chloride	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-15-0	Carbon disulfide	27	27	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-25-2	Bromoform	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-27-4	Bromodichloromethane	< 1.3	1.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-34-3	1,1-Dichloroethane	< 2.4	2.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-69-4	Trichlorofluoromethane	14	14	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	75-71-8	Dichlorodifluoromethane	3	3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.76	0.76	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	78-93-3	2-Butanone	2.3	2.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	79-01-6	Trichloroethene	1	1	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	91-20-3	Naphthalene	< 2.3	2.3	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	95-47-6	o-Xylene	< 1.3	1.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106138-050	SV138-050-212	4/6/2021	N	NONE	P2101896	95-63-6	1,2,4-Trimethylbenzene	1.9	1.9	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	1	1	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	0.82	0.82	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.68	0.68	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	0.67	0.67	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	4	4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	0.67	0.67	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.49	0.49	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	14	14	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	14	14	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	0.4	0.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 2.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	2.3	2.3	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	6.3	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	3.2	3.2	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	0.34	0.34	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 0.77	0.77	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	0.71	0.71	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.38	0.38	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	0.82	0.82	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	3.7	3.7	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	0.82	0.82	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	0.97	0.97	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	3.8	3.8	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 12	12	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	0.46	0.46	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	0.98	0.98	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.9	1.9	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	3.3	3.3	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	23	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 1.5	1.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 0.77	0.77	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	0.38	0.38	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	3.4	3.4	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	1.4	1.4	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	8	8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	15	15	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	< 1.9	1.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	140	140	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	< 1.9	1.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	23	23	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	34	34	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	3.1	3.1	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	8.5	8.5	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	0.82	0.82	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	1.9	1.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	3.7	3.7	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	4.2	4.2	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	48	48	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	140	140	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	1.7	1.7	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	180	180	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 0.95	0.95	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 0.95	0.95	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	1.2	1.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	2.3	2.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	1.4	1.4	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	3.9	3.9	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	13	13	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	1.2	1.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 2.7	2.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	0.87	0.87	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	29	29	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.88	0.88	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	24	24	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	2.4	2.4	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 11	11	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	2.6	2.6	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	2.4	2.4	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	2.4	2.4	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.3	1.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.7	0.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	3.3	3.3	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	26	26	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	250	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	8.7	8.7	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	110	110	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	0.77	0.77	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	0.33	0.33	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	0.55	0.55	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	1.4	1.4	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	9	9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	0.66	0.66	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	6.3	6.3	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	8.1	8.1	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	0.84	0.84	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	5	5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	< 1.9	1.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	< 1.9	1.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	13	13	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.74	0.74	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	21	21	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	9.9	9.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	2	2	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	9.4	9.4	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	9.4	9.4	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	15	15	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	240	240	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	8.1	8.1	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	120	120	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 0.93	0.93	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 0.93	0.93	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	0.61	0.61	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.83	0.83	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	2.6	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	0.56	0.56	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.83	0.83	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	14	14	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	30	30	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	1.4	1.4	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	4.8	4.8	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.83	0.83	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.83	0.83	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.98	0.98	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	3.1	3.1	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	0.88	0.88	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	2.3	2.3	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	1.3	1.3	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.57	0.57	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	44	44	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	30	30	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	0.47	0.47	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	6.1	6.1	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	14	14	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	6	6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	7.9	7.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	1.6	1.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	91	91	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.83	0.83	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	4.6	4.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	0.71	0.71	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	2.8	2.8	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	21	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	3.6	3.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	13	13	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	0.77	0.77	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	0.56	0.56	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	100-41-4	Ethylbenzene	0.44	0.44	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	106-99-0	1,3-Butadiene	0.44	0.44	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	107-06-2	1,2-Dichloroethane	2.8	2.8	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	0.67	0.67	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.74	0.74	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	108-88-3	Toluene	15	15	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	109-99-9	Tetrahydrofuran	48	48	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	110-54-3	Hexane	1.2	1.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	110-82-7	Cyclohexane	0.8	0.8	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	115-07-1	Propylene (propene)	4.6	4.6	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	127-18-4	Tetrachloroethene	0.93	0.93	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	1330-20-7	Xylenes, total	2.1	2.1	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	141-78-6	Ethyl acetate	58	58	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	142-82-5	n-Heptane	0.72	0.72	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	179601-23-1	m- & p-Xylenes	1.6	1.6	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	56-23-5	Carbon tetrachloride	1.8	1.8	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	591-78-6	2-Hexanone	0.67	0.67	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	64-17-5	Ethanol	6	6	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	67-63-0	Isopropyl alcohol	< 2.7	2.7	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	67-64-1	Acetone	20	20	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	67-66-3	Chloroform	0.44	0.44	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	71-43-2	Benzene	6.4	6.4	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	74-87-3	Chloromethane	18	18	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-00-3	Chloroethane	6.7	6.7	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-01-4	Vinyl chloride	8.6	8.6	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-15-0	Carbon disulfide	98	98	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-34-3	1,1-Dichloroethane	5	5	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-69-4	Trichlorofluoromethane	0.38	0.38	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	75-71-8	Dichlorodifluoromethane	2.2	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	23	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	78-93-3	2-Butanone	5.8	5.8	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	79-01-6	Trichloroethene	16	16	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	91-20-3	Naphthalene	< 1.3	1.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	95-47-6	o-Xylene	0.49	0.49	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	0.39	0.39	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	4.7	4.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	1.5	1.5	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	2.3	2.3	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	0.65	0.65	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	2.1	2.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	260	260	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	7.4	7.4	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.89	0.89	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	16	16	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	3.9	3.9	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	18	18	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	1.1	1.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	3.8	3.8	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	5.2	5.2	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.7	9.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	3.8	3.8	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	0.86	0.86	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 0.87	0.87	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 0.87	0.87	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	0.41	0.41	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	6.2	6.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	2.6	2.6	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	1.5	1.5	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	4.5	4.5	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	3	3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	0.74	0.74	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	250	250	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	0.62	0.62	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	0.74	0.74	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	23	23	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	1	1	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	24	24	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	8.5	8.5	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	29	29	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	0.48	0.48	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	1.2	1.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	0.82	0.82	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	1.6	1.6	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	8.7	8.7	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	2.3	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	13	13	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	34	34	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	4.3	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.73	0.73	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 1.3	1.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 0.73	0.73	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 0.73	0.73	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	640	640	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	150000	150000	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	230000	230000	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	3500	3500	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	430	430	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	350	350	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 1400	1400	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	34000	34000	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	< 720	720	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	1900	1900	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 1300	1300	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 5700	5700	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	6700	6700	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 1100	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 700	700	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 360	360	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 680	680	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	180	180	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 650	650	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	350	350	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 360	360	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	69000	69000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 2900	2900	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	1500000	1500000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	1200000	1200000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	10000	10000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	2700	2700	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	20000	20000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 11000	11000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	1200000	1200000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	15000	15000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	9000	9000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 11000	11000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 46000	46000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	93000	93000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 9200	9200	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 5600	5600	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 5400	5400	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 5300	5300	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	4900	4900	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 2900	2900	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	100-41-4	Ethylbenzene	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	100-42-5	Styrene	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	106-99-0	1,3-Butadiene	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	108-88-3	Toluene	60000	60000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	109-99-9	Tetrahydrofuran	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	110-54-3	Hexane	1200000	1200000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	110-82-7	Cyclohexane	1000000	1000000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	115-07-1	Propylene (propene)	8200	8200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	123-91-1	1,4-Dioxane	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	124-48-1	Dibromochloromethane	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	127-18-4	Tetrachloroethene	1900	1900	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	1330-20-7	Xylenes, total	18000	18000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	141-78-6	Ethyl acetate	< 7600	7600	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	142-82-5	n-Heptane	1000000	1000000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	179601-23-1	m- & p-Xylenes	13000	13000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	56-23-5	Carbon tetrachloride	< 2000	2000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	591-78-6	2-Hexanone	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	64-17-5	Ethanol	< 9700	9700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	67-63-0	Isopropyl alcohol	< 7400	7400	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	67-64-1	Acetone	< 32000	32000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	67-66-3	Chloroform	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	71-43-2	Benzene	80000	80000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	74-87-3	Chloromethane	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-00-3	Chloroethane	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-01-4	Vinyl chloride	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-09-2	Methylene chloride	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-15-0	Carbon disulfide	< 6300	6300	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-25-2	Bromoform	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-27-4	Bromodichloromethane	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 3900	3900	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-69-4	Trichlorofluoromethane	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	75-71-8	Dichlorodifluoromethane	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	78-93-3	2-Butanone	< 3700	3700	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	79-01-6	Trichloroethene	< 2000	2000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	91-20-3	Naphthalene	< 3600	3600	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	95-47-6	o-Xylene	4600	4600	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 2000	2000	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	310	310	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	100000	100000	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	150000	150000	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	1700	1700	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	< 480	480	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 910	910	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	6500	6500	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	< 480	480	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	< 1200	1200	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 890	890	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 3800	3800	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 760	760	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 450	450	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 460	460	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	330	330	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	220	220	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 450	450	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 440	440	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	< 240	240	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 240	240	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	34	34	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	840	840	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	71	71	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	11000	11000	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	190	190	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	180	180	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 81	81	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	10000	10000	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	150	150	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	< 100	100	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 79	79	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 340	340	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	560	560	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	44	44	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	8.2	8.2	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	250	250	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 41	41	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	41	41	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29	29	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 40	40	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 39	39	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	32	32	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	< 21	21	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	13000	13000	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	3.2	3.2	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	6.4	6.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	3.8	3.8	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	0.39	0.39	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	6.2	6.2	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	4.6	4.6	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	0.69	0.69	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	1.8	1.8	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	24	24	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	1.9	1.9	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	5.1	5.1	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	19	19	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	2.6	2.6	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	10	10	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 2.8	2.8	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	10	10	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	1.2	1.2	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	0.49	0.49	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	1.7	1.7	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	4.9	4.9	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	1.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	2.7	2.7	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.76	0.76	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	9.5	9.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	5.3	5.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	30	30	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	0.62	0.62	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	1.4	1.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	0.9	0.9	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	0.71	0.71	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	47	47	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	3.1	3.1	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	4.6	4.6	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	0.52	0.52	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	3.6	3.6	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	16	16	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.6	0.6	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	24	24	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	150	150	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	11	11	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	31	31	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	2.7	2.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.5	1.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	11	11	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.5	3.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	6.5	6.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.79	0.79	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	2.3	2.3	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	1	1	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	6.6	6.6	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	0.57	0.57	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	1.2	1.2	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	120	120	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	2.2	2.2	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	4.1	4.1	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	3.2	3.2	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	19	19	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.57	0.57	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	29	29	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	480	480	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	16	16	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	3	3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	0.62	0.62	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	13	13	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.6	1.6	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	18	18	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.6	2.6	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	6.4	6.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	1.8	1.8	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	0.89	0.89	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	5.3	5.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	0.66	0.66	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	0.66	0.66	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	4	4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	3.5	3.5	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	0.52	0.52	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	0.85	0.85	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.39	0.39	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	2.8	2.8	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	0.4	0.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	2.2	2.2	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	24	24	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	0.39	0.39	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	14	14	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	1	1	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 12	12	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	3.1	3.1	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	7.4	7.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	14	14	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	3.6	3.6	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	49	49	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.4	4.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	4.7	4.7	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.74	0.74	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	1.1	1.1	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	0.6	0.6	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	3.1	3.1	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	36	36	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	81	81	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	1000	1000	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	2300	2300	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	8000	8000	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	720	720	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	45	45	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	270	270	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	680	680	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	180	180	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	120	120	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	880	880	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 150	150	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 660	660	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	1700	1700	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	72	72	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 130	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 80	80	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	46	46	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	300	300	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 41	41	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 78	78	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	26	26	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 75	75	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	150	150	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	24	24	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	4900	4900	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	170	170	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	3700	3700	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	69000	69000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	70000	70000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	86000	86000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	6700	6700	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	190	190	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	28000	28000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 800	800	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	71000	71000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	20000	20000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	< 1000	1000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	290	290	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	< 3300	3300	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	38000	38000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	< 660	660	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 400	400	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	620	620	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	< 390	390	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 210	210	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	< 380	380	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	8000	8000	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	4100	4100	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	3	3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	0.55	0.55	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	8.5	8.5	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	15	15	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	1.9	1.9	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	1.6	1.6	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	6.7	6.7	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.74	0.74	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	24	24	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	4.5	4.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	17	17	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	3	3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	34	34	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	14	14	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	19	19	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	0.86	0.86	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	2.5	2.5	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	3.5	3.5	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	2.2	2.2	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	0.55	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	10	10	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.75	0.75	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	4.7	4.7	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	6.5	6.5	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	20	20	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	100-41-4	Ethylbenzene	5.4	5.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	11	11	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	108-88-3	Toluene	27	27	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	109-99-9	Tetrahydrofuran	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	110-54-3	Hexane	3.6	3.6	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	110-82-7	Cyclohexane	2.3	2.3	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	127-18-4	Tetrachloroethene	0.77	0.77	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	1330-20-7	Xylenes, total	40	40	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	142-82-5	n-Heptane	8.9	8.9	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	179601-23-1	m- & p-Xylenes	30	30	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	56-23-5	Carbon tetrachloride	2.9	2.9	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	591-78-6	2-Hexanone	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	64-17-5	Ethanol	28	28	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	67-63-0	Isopropyl alcohol	2.4	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	67-64-1	Acetone	14	14	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	67-66-3	Chloroform	0.85	0.85	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	71-43-2	Benzene	4.5	4.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-01-4	Vinyl chloride	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-15-0	Carbon disulfide	2	2	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	75-71-8	Dichlorodifluoromethane	2.1	2.1	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.56	0.56	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	78-93-3	2-Butanone	11	11	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	79-01-6	Trichloroethene	< 0.8	0.8	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	91-20-3	Naphthalene	8.1	8.1	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	95-47-6	o-Xylene	10	10	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	31	31	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	4.4	4.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	9	9	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	23	23	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	6.7	6.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	3.3	3.3	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	3.7	3.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.9	0.9	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	32	32	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	2.2	2.2	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	9	9	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	24	24	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	3.5	3.5	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	7	7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 3.4	3.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	12	12	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	1.2	1.2	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	3.8	3.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	1.8	1.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	2.1	2.1	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	0.59	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	3.3	3.3	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	< 0.91	0.91	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	3.3	3.3	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	8	8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	24	24	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	100-41-4	Ethylbenzene	2.5	2.5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	108-67-8	1,3,5-Trimethylbenzene	4.4	4.4	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	108-88-3	Toluene	11	11	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	109-99-9	Tetrahydrofuran	2.3	2.3	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	110-54-3	Hexane	1.7	1.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	110-82-7	Cyclohexane	1.2	1.2	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	115-07-1	Propylene (propene)	0.89	0.89	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	127-18-4	Tetrachloroethene	0.82	0.82	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	1330-20-7	Xylenes, total	18	18	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	142-82-5	n-Heptane	3.9	3.9	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	179601-23-1	m- & p-Xylenes	14	14	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	56-23-5	Carbon tetrachloride	4.8	4.8	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	591-78-6	2-Hexanone	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	64-17-5	Ethanol	8.5	8.5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	67-64-1	Acetone	11	11	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	67-66-3	Chloroform	0.82	0.82	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	71-43-2	Benzene	2.1	2.1	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-15-0	Carbon disulfide	7.7	7.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	75-71-8	Dichlorodifluoromethane	1.5	1.5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.64	0.64	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	78-93-3	2-Butanone	1.1	1.1	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	79-01-6	Trichloroethene	0.43	0.43	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	91-20-3	Naphthalene	2	2	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	95-47-6	o-Xylene	4.2	4.2	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	NONE	P2102025	95-63-6	1,2,4-Trimethylbenzene	15	15	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	760	760	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	2	2	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.9	0.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.9	0.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.9	0.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	4.5	4.5	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	3.6	3.6	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 0.9	0.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.9	0.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	48	48	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	7.5	7.5	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	16	16	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	0.98	0.98	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	12	12	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	19	19	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.96	0.96	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	6	6	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 3.3	3.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	0.55	0.55	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.9	0.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	16	16	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	1.2	1.2	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	5.6	5.6	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	410	410	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	6.8	6.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	52	52	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.7	2.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	1.6	1.6	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	3.5	3.5	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	4.7	4.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	4	4	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	19	19	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	3	3	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	3.1	3.1	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	1.7	1.7	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	2.8	2.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	0.95	0.95	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	8.5	8.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	11	11	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.55	0.55	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	3.4	3.4	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 3	3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	9.3	9.3	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	23	23	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	0.49	0.49	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	1.7	1.7	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	4	4	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	2.9	2.9	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	36	36	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	1.6	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	1.6	1.6	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	< 0.82	0.82	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	5.2	5.2	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	2.8	2.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	14	14	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	2.1	2.1	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	2.4	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.39	0.39	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	8.3	8.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	0.51	0.51	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	6.4	6.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	9.4	9.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	< 3.7	3.7	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 2.8	2.8	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	5.9	5.9	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	6.7	6.7	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 2.4	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	2.2	2.2	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	12	12	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	130	130	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	6	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 1.4	1.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	< 0.76	0.76	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	3.8	3.8	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	1.9	1.9	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	9.1	9.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	3.3	3.3	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	0.79	0.79	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.66	0.66	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.66	0.66	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	11	11	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	5.3	5.3	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	0.56	0.56	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.3	1.3	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	0.92	0.92	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.66	0.66	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.66	0.66	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.76	0.76	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	27	27	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	7.9	7.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	1	1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	19	19	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.66	0.66	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	13	13	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	3	3	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	9.8	9.8	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	10	10	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	0.62	0.62	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.66	0.66	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	6.2	6.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	4.7	4.7	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.2	1.2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	0.5	0.5	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.3	1.3	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	39	39	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	300	300	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	11	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	3.4	3.4	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	0.44	0.44	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	4.9	4.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	8	8	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	39	39	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	1.5	1.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.83	0.83	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.83	0.83	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.83	0.83	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	3.6	3.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	4.1	4.1	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	7.8	7.8	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	9.5	9.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	3.2	3.2	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	0.82	0.82	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.83	0.83	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	4.1	4.1	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	2.7	2.7	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	7.7	7.7	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	0.48	0.48	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.83	0.83	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	3.7	3.7	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 13	13	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	14	14	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	3.3	3.3	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.83	0.83	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	2.8	2.8	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	4.1	4.1	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	0.99	0.99	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	13	13	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	48	48	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	370	370	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	13	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	8.2	8.2	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	0.71	0.71	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	0.9	0.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	2.9	2.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	10	10	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	3.6	3.6	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	8.1	8.1	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	108-88-3	Toluene	10	10	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	0.63	0.63	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	110-54-3	Hexane	1	1	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	110-82-7	Cyclohexane	1.1	1.1	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	1.6	1.6	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.85	0.85	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	27	27	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	142-82-5	n-Heptane	3.2	3.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	20	20	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	12	12	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	64-17-5	Ethanol	2.3	2.3	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 3.3	3.3	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	67-64-1	Acetone	15	15	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	67-66-3	Chloroform	2.3	2.3	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	71-43-2	Benzene	1.5	1.5	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-09-2	Methylene chloride	0.93	0.93	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	2.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	17	17	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	140	140	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	32	32	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	78-93-3	2-Butanone	2.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	79-01-6	Trichloroethene	< 0.89	0.89	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	91-20-3	Naphthalene	6.8	6.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	95-47-6	o-Xylene	6.7	6.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	26	26	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	0.77	0.77	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	1.4	1.4	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	108-88-3	Toluene	13	13	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	1.7	1.7	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	110-54-3	Hexane	6.6	6.6	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	110-82-7	Cyclohexane	7.4	7.4	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	3.4	3.4	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.5	0.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	7.1	7.1	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	53	53	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	142-82-5	n-Heptane	7.2	7.2	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	5.2	5.2	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	14	14	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	64-17-5	Ethanol	27	27	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	11	11	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	67-64-1	Acetone	59	59	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	67-66-3	Chloroform	1.3	1.3	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	71-43-2	Benzene	1.7	1.7	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-09-2	Methylene chloride	2.8	2.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	25	25	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	19	19	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	150	150	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	35	35	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	78-93-3	2-Butanone	8.8	8.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	91-20-3	Naphthalene	0.74	0.74	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	95-47-6	o-Xylene	1.9	1.9	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	4.5	4.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	2.3	2.3	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	108-88-3	Toluene	3.4	3.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	8.3	8.3	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	0.65	0.65	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.46	0.46	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	8.7	8.7	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	142-82-5	n-Heptane	1.1	1.1	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	6.7	6.7	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	31	31	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	64-17-5	Ethanol	2.5	2.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	67-64-1	Acetone	14	14	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	67-66-3	Chloroform	1.9	1.9	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	71-43-2	Benzene	1.8	1.8	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	9.5	9.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	53	53	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	470	470	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	45	45	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	78-93-3	2-Butanone	2	2	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	79-01-6	Trichloroethene	0.63	0.63	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	91-20-3	Naphthalene	1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	95-47-6	o-Xylene	2	2	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	8.9	8.9	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	450	450	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	2.2	2.2	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	108-88-3	Toluene	3.1	3.1	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	15	15	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	0.68	0.68	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	0.49	0.49	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	8.5	8.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	142-82-5	n-Heptane	1.1	1.1	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	6.7	6.7	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	38	38	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.66	0.66	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	64-17-5	Ethanol	9.3	9.3	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	67-64-1	Acetone	15	15	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	67-66-3	Chloroform	4.2	4.2	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	71-43-2	Benzene	5.4	5.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	9.7	9.7	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	54	54	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29	29	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	78-93-3	2-Butanone	2.5	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	79-01-6	Trichloroethene	0.44	0.44	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	91-20-3	Naphthalene	2.5	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	95-47-6	o-Xylene	1.9	1.9	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	8.9	8.9	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	100-42-5	Styrene	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	5.5	5.5	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	108-88-3	Toluene	7.5	7.5	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	110-54-3	Hexane	350	350	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	110-82-7	Cyclohexane	3300	3300	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	180	180	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	17	17	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	23	23	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 42	42	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	12	12	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	12	12	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	64-17-5	Ethanol	< 54	54	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 41	41	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	67-64-1	Acetone	< 180	180	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	67-66-3	Chloroform	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	71-43-2	Benzene	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	130	130	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-25-2	Bromoform	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	980	980	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	5600	5600	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	350	350	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 21	21	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	79-01-6	Trichloroethene	< 11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 20	20	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	95-47-6	o-Xylene	11	11	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	13	13	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	140	140	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	100-42-5	Styrene	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	130	130	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	108-88-3	Toluene	2700	2700	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	110-54-3	Hexane	630	630	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	110-82-7	Cyclohexane	1900	1900	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	240	240	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	460	460	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 590	590	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	142-82-5	n-Heptane	940	940	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	320	320	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 150	150	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	64-17-5	Ethanol	< 760	760	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 570	570	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	67-64-1	Acetone	< 2500	2500	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	67-66-3	Chloroform	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	71-43-2	Benzene	4500	4500	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	340	340	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-25-2	Bromoform	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 300	300	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	1100	1100	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	6600	6600	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	390	390	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 290	290	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	79-01-6	Trichloroethene	< 150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 280	280	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	95-47-6	o-Xylene	150	150	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 150	150	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 36	36	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	23	23	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 36	36	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 69	69	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 36	36	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	8.3	8.3	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	< 88	88	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 67	67	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 290	290	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	12	12	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 58	58	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 18	18	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 35	35	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	14	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 34	34	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	7600	7600	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 33	33	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 18	18	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 18	18	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 45	45	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	50	50	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 45	45	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 86	86	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 45	45	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	12	12	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	< 110	110	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 84	84	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 360	360	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	19	19	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 72	72	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 44	44	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	18	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 43	43	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	12000	12000	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 41	41	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 23	23	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 23	23	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 53	53	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 110	110	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 110	110	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 200	200	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 110	110	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	27	27	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	290	290	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 200	200	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 850	850	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 170	170	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28	28	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 100	100	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	30000	30000	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 97	97	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 53	53	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 53	53	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	150	150	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 68	68	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 34	34	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	52	52	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 68	68	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 130	130	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 68	68	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	120	120	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 130	130	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 540	540	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 110	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 66	66	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 64	64	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	19000	19000	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 62	62	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 34	34	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 34	34	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	1.3	1.3	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	4.7	4.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	1.1	1.1	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	0.84	0.84	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.97	0.97	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	32	32	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	6.1	6.1	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	13	13	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	5.7	5.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	2.4	2.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	9.8	9.8	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	0.83	0.83	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	1.7	1.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.62	0.62	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	10	10	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	350	350	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 0.85	0.85	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	660	660	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	1.5	1.5	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	1	1	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	10	10	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	28	28	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	0.94	0.94	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	110	110	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	1.8	1.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	0.91	0.91	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	0.61	0.61	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	0.91	0.91	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	0.73	0.73	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	1.2	1.2	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	46	46	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	410	410	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	47	47	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	1.4	1.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	1.8	1.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	7.8	7.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	3.4	3.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	4.2	4.2	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	0.81	0.81	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	39	39	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	2.9	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.67	0.67	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	15	15	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 0.92	0.92	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	0.42	0.42	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	0.73	0.73	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	0.79	0.79	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.87	0.87	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 1.8	1.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 1.8	1.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.73	0.73	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	22	22	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	1.4	1.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	7.9	7.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	1.8	1.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	2.5	2.5	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	1.3	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	7.5	7.5	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	25	25	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 0.92	0.92	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 0.92	0.92	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	0.45	0.45	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	0.85	0.85	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	1.3	1.3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 1.9	1.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.7	3.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 1.9	1.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	0.45	0.45	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.7	0.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	18	18	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	1.5	1.5	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 3.1	3.1	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	1.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	5.6	5.6	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	42	42	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.8	1.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 0.97	0.97	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 0.97	0.97	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	0.43	0.43	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	2.6	2.6	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	0.84	0.84	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	2.2	2.2	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 1.8	1.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	0.78	0.78	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.88	0.88	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	21	21	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	32	32	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	0.83	0.83	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	0.69	0.69	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	6.2	6.2	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	0.93	0.93	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	2.3	2.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	2.5	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	10	10	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	140	140	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 0.9	0.9	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 0.9	0.9	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	0.77	0.77	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	0.47	0.47	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	140	140	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	3	3	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	2.2	2.2	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	3.9	3.9	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	< 2.7	2.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.86	0.86	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	2	2	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	0.72	0.72	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	0.52	0.52	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	5.3	5.3	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	1.2	1.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	< 1.8	1.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 1.8	1.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	0.6	0.6	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	0.84	0.84	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	23	23	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	1.8	1.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	7.7	7.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	0.96	0.96	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	0.93	0.93	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	11	11	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	0.79	0.79	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	2	2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	9.1	9.1	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	79	79	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 0.89	0.89	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	100-41-4	Ethylbenzene	< 0.83	0.83	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	108-88-3	Toluene	0.81	0.81	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	109-99-9	Tetrahydrofuran	5.4	5.4	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	115-07-1	Propylene (propene)	0.79	0.79	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	123-91-1	1,4-Dioxane	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	124-48-1	Dibromochloromethane	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	127-18-4	Tetrachloroethene	0.85	0.85	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	141-78-6	Ethyl acetate	1.9	1.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	56-23-5	Carbon tetrachloride	0.65	0.65	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	591-78-6	2-Hexanone	0.74	0.74	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	64-17-5	Ethanol	32	32	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	67-63-0	Isopropyl alcohol	1.5	1.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	67-64-1	Acetone	8.6	8.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	67-66-3	Chloroform	1	1	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	71-43-2	Benzene	1	1	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-01-4	Vinyl chloride	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-15-0	Carbon disulfide	13	13	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-27-4	Bromodichloromethane	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-69-4	Trichlorofluoromethane	0.77	0.77	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	75-71-8	Dichlorodifluoromethane	2	2	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	78-93-3	2-Butanone	8	8	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	79-01-6	Trichloroethene	80	80	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	95-47-6	o-Xylene	< 0.83	0.83	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 0.83	0.83	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	100-41-4	Ethylbenzene	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	100-42-5	Styrene	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	106-93-4	1,2-Dibromoethane	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	106-99-0	1,3-Butadiene	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	107-06-2	1,2-Dichloroethane	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	108-10-1	4-Methyl-2-pentanone	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	108-67-8	1,3,5-Trimethylbenzene	35	35	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	108-88-3	Toluene	18	18	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	109-99-9	Tetrahydrofuran	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	110-54-3	Hexane	130	130	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	110-82-7	Cyclohexane	92	92	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	115-07-1	Propylene (propene)	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	120-82-1	1,2,4-Trichlorobenzene	< 23	23	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	123-91-1	1,4-Dioxane	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	124-48-1	Dibromochloromethane	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	127-18-4	Tetrachloroethene	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	1330-20-7	Xylenes, total	18	18	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	141-78-6	Ethyl acetate	< 46	46	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	142-82-5	n-Heptane	16	16	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	179601-23-1	m- & p-Xylenes	< 24	24	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	56-23-5	Carbon tetrachloride	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	591-78-6	2-Hexanone	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	64-17-5	Ethanol	< 58	58	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	67-63-0	Isopropyl alcohol	< 44	44	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	67-64-1	Acetone	< 190	190	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	67-66-3	Chloroform	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	71-43-2	Benzene	130	130	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	74-87-3	Chloromethane	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-00-3	Chloroethane	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-01-4	Vinyl chloride	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-09-2	Methylene chloride	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-15-0	Carbon disulfide	41	41	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-25-2	Bromoform	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-27-4	Bromodichloromethane	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-34-3	1,1-Dichloroethane	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-69-4	Trichlorofluoromethane	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	75-71-8	Dichlorodifluoromethane	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 12	12	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	78-93-3	2-Butanone	< 23	23	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	79-01-6	Trichloroethene	15	15	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	91-20-3	Naphthalene	< 22	22	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	95-47-6	o-Xylene	18	18	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	NONE	P2102034	95-63-6	1,2,4-Trimethylbenzene	< 12	12	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	5.7	5.7	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	0.58	0.58	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	52	52	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	14	14	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	0.34	0.34	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.1	1.1	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	290	290	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	0.51	0.51	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	170	170	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	0.6	0.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	3.6	3.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	1.9	1.9	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	7.7	7.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	0.71	0.71	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	1.1	1.1	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	< 2.6	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.2	2.2	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	1.2	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	1.7	1.7	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	400	400	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	1.8	1.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	120	120	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	68	68	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	2	2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	20	20	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	5.4	5.4	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	14	14	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.85	0.85	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.98	0.98	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	100	100	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	3.7	3.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	2.1	2.1	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	58	58	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	0.7	0.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	11	11	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.4	2.4	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	13	13	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	1	1	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.55	0.55	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.54	0.54	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	3.8	3.8	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.88	0.88	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2	2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	1.4	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	2.8	2.8	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	520	520	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	42	42	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	27	27	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	1.3	1.3	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	14	14	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.87	0.87	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	3.2	3.2	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	7.1	7.1	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	4.3	4.3	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	2.3	2.3	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.99	0.99	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	5.7	5.7	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	27	27	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	2.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.4	0.4	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.64	0.64	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	10	10	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.97	0.97	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	1.8	1.8	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	3.3	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	15	15	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.8	2.8	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	1.8	1.8	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	2500	2500	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	600	600	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	1.1	1.1	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	1.7	1.7	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	2.8	2.8	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.68	0.68	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	1.7	1.7	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	7.9	7.9	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	4.9	4.9	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	24	24	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	11	11	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	2.1	2.1	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.57	0.57	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	19	19	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.61	0.61	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	1.1	1.1	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	1.5	1.5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	3.1	3.1	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	1.8	1.8	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	100-41-4	Ethylbenzene	0.74	0.74	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	100-42-5	Styrene	< 2	2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	106-99-0	1,3-Butadiene	< 2	2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	1.3	1.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	108-88-3	Toluene	6.6	6.6	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	109-99-9	Tetrahydrofuran	3.2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	110-54-3	Hexane	0.69	0.69	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	110-82-7	Cyclohexane	0.92	0.92	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	115-07-1	Propylene (propene)	2.4	2.4	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 2	2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	123-91-1	1,4-Dioxane	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	124-48-1	Dibromochloromethane	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	127-18-4	Tetrachloroethene	1.1	1.1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	1330-20-7	Xylenes, total	14	14	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	141-78-6	Ethyl acetate	16	16	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	142-82-5	n-Heptane	3.5	3.5	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	179601-23-1	m- & p-Xylenes	9.8	9.8	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	56-23-5	Carbon tetrachloride	0.79	0.79	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	591-78-6	2-Hexanone	1.3	1.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	64-17-5	Ethanol	39	39	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	67-63-0	Isopropyl alcohol	8.1	8.1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	67-64-1	Acetone	28	28	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	67-66-3	Chloroform	1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	71-43-2	Benzene	1.6	1.6	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	74-87-3	Chloromethane	0.57	0.57	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-00-3	Chloroethane	< 2	2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-01-4	Vinyl chloride	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-09-2	Methylene chloride	1.8	1.8	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-15-0	Carbon disulfide	7.1	7.1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-25-2	Bromoform	< 2	2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-27-4	Bromodichloromethane	< 1	1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 2	2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.73	0.73	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	75-71-8	Dichlorodifluoromethane	1.3	1.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	1.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	78-93-3	2-Butanone	4.3	4.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	79-01-6	Trichloroethene	480	480	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	91-20-3	Naphthalene	< 1.9	1.9	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	95-47-6	o-Xylene	4.6	4.6	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	1.9	1.9	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	0.53	0.53	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	8.3	8.3	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.94	0.94	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	4	4	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	2.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	0.6	0.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.55	0.55	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	6.2	6.2	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	23	23	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.61	0.61	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.56	0.56	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	8.4	8.4	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.86	0.86	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.44	0.44	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	0.53	0.53	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	0.47	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	3.2	3.2	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	51	51	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	1.4	1.4	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.92	0.92	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	0.95	0.95	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	3.1	3.1	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	4.2	4.2	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	0.62	0.62	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	3.9	3.9	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	36	36	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	0.96	0.96	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	3.9	3.9	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.53	0.53	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	7.9	7.9	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	5.7	5.7	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	3.1	3.1	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	5.6	5.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	0.63	0.63	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	1.8	1.8	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	16	16	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.9	2.9	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	51	51	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	1	1	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	1.6	1.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	26	26	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	5.8	5.8	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	4.7	4.7	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	1.1	1.1	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	57	57	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	0.97	0.97	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.51	0.51	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	0.81	0.81	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.69	0.69	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	10	10	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	210	210	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.3	2.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106135-450	SV135-450-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.99	0.99	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	0.5	0.5	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	4.5	4.5	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	1.1	1.1	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	3	3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	42	42	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	0.54	0.54	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	2.1	2.1	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.85	0.85	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	27	27	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	5.1	5.1	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	26	26	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	0.55	0.55	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.9	0.9	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.44	0.44	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	2.1	2.1	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.5	2.5	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	0.46	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	4.4	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 0.74	0.74	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.3	1.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	0.89	0.89	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.68	0.68	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	0.85	0.85	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	1.3	1.3	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	4.4	4.4	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	8.7	8.7	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	0.37	0.37	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.64	0.64	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	1.3	1.3	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	0.49	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	1.3	1.3	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	0.41	0.41	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 0.82	0.82	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	0.48	0.48	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	5.8	5.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	1.7	1.7	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	0.73	0.73	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	2	2	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.45	0.45	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	2.4	2.4	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	59	59	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	0.65	0.65	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	1.7	1.7	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.44	0.44	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	41	41	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	8.7	8.7	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	22	22	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	0.41	0.41	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	1.1	1.1	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.46	0.46	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	4.5	4.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	54	54	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	3.1	3.1	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	0.47	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	5.1	5.1	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	0.7	0.7	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	0.71	0.71	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.62	0.62	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	0.51	0.51	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	0.31	0.31	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	9.5	9.5	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	18	18	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	2	2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	2.2	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.5	1.5	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.31	0.31	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	4.8	4.8	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	0.75	0.75	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	4	4	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.73	0.73	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	13	13	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.8	2.8	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	25	25	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	4.7	4.7	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.54	0.54	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	82	82	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.8	2.8	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.72	0.72	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	3.3	3.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.53	0.53	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	4.8	4.8	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	1.3	1.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	1.5	1.5	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	0.73	0.73	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.77	0.77	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	0.41	0.41	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	1.6	1.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	5.6	5.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	0.78	0.78	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.33	0.33	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	1.2	1.2	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	1.2	1.2	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	0.8	0.8	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.34	0.34	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	24	24	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	5.6	5.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	13	13	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.89	0.89	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.49	0.49	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.4	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.9	1.9	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	3.1	3.1	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	0.43	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	3.6	3.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	1.7	1.7	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 0.79	0.79	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.41	0.41	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	1600	1600	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 75	75	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	530	530	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 75	75	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	3200	3200	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	18000	18000	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	76	76	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	1800	1800	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	4300	4300	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	140	140	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 75	75	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	120	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	210	210	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 150	150	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	1600	1600	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	38000	38000	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	320	320	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	79	79	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	< 630	630	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	6200	6200	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	57	57	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 75	75	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	42	42	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	130	130	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 75	75	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 40	40	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 77	77	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	< 75	75	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	< 75	75	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	180	180	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	35	35	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	49	49	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 73	73	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	22000	22000	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	3100	3100	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	0.74	0.74	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	1.8	1.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	1.8	1.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1	1	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	3.7	3.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	6.5	6.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	4.2	4.2	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	14	14	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	4.1	4.1	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3.4	3.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	2.6	2.6	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.6	0.6	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	1	1	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	< 2.9	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.92	0.92	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	2.7	2.7	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.3	2.3	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33	33	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	0.84	0.84	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	0.53	0.53	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	0.8	0.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.3	2.3	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	0.54	0.54	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	5.4	5.4	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	8.3	8.3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	0.66	0.66	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	1.8	1.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	0.66	0.66	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.49	0.49	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	3.8	3.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	11	11	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	6.9	6.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	2.7	2.7	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	20	20	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	32	32	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	5.3	5.3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	19	19	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	6.6	6.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.64	0.64	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	0.99	0.99	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	6.1	6.1	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	3.7	3.7	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.3	2.3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	48	48	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	2.9	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 0.95	0.95	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.7	1.7	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	1.2	1.2	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.81	0.81	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	100-41-4	Ethylbenzene	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	0.35	0.35	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	108-88-3	Toluene	1.5	1.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	109-99-9	Tetrahydrofuran	9.9	9.9	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	115-07-1	Propylene (propene)	0.69	0.69	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	123-91-1	1,4-Dioxane	0.9	0.9	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	127-18-4	Tetrachloroethene	0.47	0.47	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	1330-20-7	Xylenes, total	4.6	4.6	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	141-78-6	Ethyl acetate	2.4	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	142-82-5	n-Heptane	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	179601-23-1	m- & p-Xylenes	3.1	3.1	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	56-23-5	Carbon tetrachloride	23	23	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	591-78-6	2-Hexanone	0.38	0.38	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	64-17-5	Ethanol	6.8	6.8	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	67-63-0	Isopropyl alcohol	< 2.8	2.8	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	67-64-1	Acetone	19	19	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	67-66-3	Chloroform	7.6	7.6	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	71-43-2	Benzene	0.48	0.48	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-01-4	Vinyl chloride	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-09-2	Methylene chloride	4	4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-15-0	Carbon disulfide	6.5	6.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.76	0.76	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-69-4	Trichlorofluoromethane	4.1	4.1	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	53	53	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	78-93-3	2-Butanone	3.3	3.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	79-01-6	Trichloroethene	0.59	0.59	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	91-20-3	Naphthalene	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	95-47-6	o-Xylene	1.5	1.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.69	0.69	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	19	19	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	930	930	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	1200	1200	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	40	40	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	< 14	14	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 27	27	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	160	160	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	< 14	14	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	230	230	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	< 34	34	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 26	26	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	< 110	110	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	190	190	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	3.4	3.4	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	< 22	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 14	14	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	36	36	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	5.5	5.5	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	650	650	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 13	13	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 7	7	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 7	7	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	0.49	0.49	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	30	30	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	3.2	3.2	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	4.3	4.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	45	45	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	0.58	0.58	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	3.1	3.1	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	3.5	3.5	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	2.3	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	5	5	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	2.1	2.1	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	130	130	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	11	11	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	1.1	1.1	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	< 12	12	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	66	66	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.4	2.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	11	11	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	53	53	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.8	2.8	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	3.1	3.1	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	3.5	3.5	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	0.84	0.84	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	1.4	1.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.6	0.6	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	530	530	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	500	500	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	3.5	3.5	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.9	1.9	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.99	0.99	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	1.2	1.2	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	4.2	4.2	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	0.65	0.65	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	0.45	0.45	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	2.6	2.6	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	24	24	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	1.3	1.3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 2	2	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	5.8	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.9	1.9	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.99	0.99	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	0.44	0.44	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	4.7	4.7	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	16	16	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.8	3.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.3	1.3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	13	13	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	94	94	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	15	15	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.3	2.3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	65	65	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	50	50	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	2.3	2.3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	50	50	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	8.3	8.3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	6.5	6.5	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.9	1.9	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	61	61	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.9	1.9	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	4.3	4.3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	0.62	0.62	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	9	9	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	1.5	1.5	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110	110	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	10	10	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	12	12	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.8	1.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.9	2.9	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	0.55	0.55	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	3.2	3.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	7.1	7.1	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	4.2	4.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	0.77	0.77	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.62	0.62	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.63	0.63	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	24	24	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.2	1.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	19	19	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	4.9	4.9	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	1	1	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	4.4	4.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 2.7	2.7	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	22	22	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	4.5	4.5	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.36	0.36	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.46	0.46	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	1.3	1.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.73	0.73	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.2	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.57	0.57	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	3.8	3.8	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 0.73	0.73	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	5	5	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	5.6	5.6	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	31	31	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	5	5	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	0.88	0.88	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	2.2	2.2	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	1	1	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	0.47	0.47	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.76	0.76	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	9.6	9.6	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	3	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.4	1.4	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	7.5	7.5	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	5.8	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.8	0.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	34	34	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.7	2.7	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	34	34	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	6.3	6.3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.95	0.95	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.92	0.92	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	2.6	2.6	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	4	4	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.5	1.5	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	3.2	3.2	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.77	0.77	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	3.3	3.3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 0.98	0.98	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.8	1.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.1	2.1	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	7.1	7.1	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	0.41	0.41	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	2.8	2.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	2.6	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	20	20	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.61	0.61	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	2.1	2.1	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	0.69	0.69	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	8.9	8.9	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	7.5	7.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	2.9	2.9	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3	3	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	8.8	8.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	3.1	3.1	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.3	2.3	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.68	0.68	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	2.9	2.9	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	1	1	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 0.82	0.82	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	2.9	2.9	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.6	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	13	13	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	4.7	4.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	9.4	9.4	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	6.5	6.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.91	0.91	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.93	0.93	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	34	34	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.9	1.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	26	26	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	2.6	2.6	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	4	4	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	< 3.4	3.4	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	< 15	15	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	1.4	1.4	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	0.72	0.72	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.75	0.75	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	11	11	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.93	0.93	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.6	1.6	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	16	16	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	0.59	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	1.9	1.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	1.8	1.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	6.1	6.1	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	8.1	8.1	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	40	40	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	1.9	1.9	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	0.87	0.87	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	2.7	2.7	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	2.7	2.7	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	5.5	5.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	0.6	0.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	14	14	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.8	1.8	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	1.3	1.3	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	0.89	0.89	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	8.6	8.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	1.6	1.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	6.4	6.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	1.1	1.1	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	250	250	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	20	20	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.76	0.76	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	5.1	5.1	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	2.4	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	23	23	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	0.48	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	13	13	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	2.7	2.7	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.6	2.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	2.6	2.6	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	100-42-5	Styrene	< 3.3	3.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 3.3	3.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	0.9	0.9	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	3.3	3.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	2	2	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	108-88-3	Toluene	36	36	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	49	49	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	110-54-3	Hexane	3.5	3.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	110-82-7	Cyclohexane	20	20	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 3.3	3.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	2.5	2.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	0.93	0.93	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 6.8	6.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.5	1.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	8.7	8.7	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	2.8	2.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	64-17-5	Ethanol	13	13	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.9	2.9	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	67-64-1	Acetone	180	180	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	67-66-3	Chloroform	1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	71-43-2	Benzene	61	61	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	74-87-3	Chloromethane	7.1	7.1	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-00-3	Chloroethane	1.3	1.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	0.82	0.82	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 3.3	3.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	35	35	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-25-2	Bromoform	< 3.3	3.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 3.4	3.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	8.7	8.7	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	78-93-3	2-Butanone	140	140	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	79-01-6	Trichloroethene	< 1.8	1.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 3.2	3.2	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	95-47-6	o-Xylene	2.8	2.8	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	8	8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	100-41-4	Ethylbenzene	7.6	7.6	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	100-42-5	Styrene	< 3.5	3.5	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 1.9	1.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	106-99-0	1,3-Butadiene	< 3.5	3.5	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	107-06-2	1,2-Dichloroethane	0.91	0.91	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	4.3	4.3	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	10	10	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	108-88-3	Toluene	42	42	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	109-99-9	Tetrahydrofuran	110	110	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	110-54-3	Hexane	4.1	4.1	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	110-82-7	Cyclohexane	20	20	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	115-07-1	Propylene (propene)	2.1	2.1	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 3.5	3.5	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	123-91-1	1,4-Dioxane	< 1.9	1.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	124-48-1	Dibromochloromethane	< 1.9	1.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	127-18-4	Tetrachloroethene	1.7	1.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	1330-20-7	Xylenes, total	46	46	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	141-78-6	Ethyl acetate	< 7.2	7.2	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	142-82-5	n-Heptane	4.1	4.1	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	179601-23-1	m- & p-Xylenes	36	36	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	56-23-5	Carbon tetrachloride	2.8	2.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	591-78-6	2-Hexanone	< 1.9	1.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	64-17-5	Ethanol	30	30	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	67-63-0	Isopropyl alcohol	3.8	3.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	67-64-1	Acetone	390	390	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	67-66-3	Chloroform	1.7	1.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	71-43-2	Benzene	53	53	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	74-87-3	Chloromethane	7.3	7.3	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-00-3	Chloroethane	1.2	1.2	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-01-4	Vinyl chloride	0.75	0.75	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-09-2	Methylene chloride	< 3.5	3.5	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-15-0	Carbon disulfide	15	15	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-25-2	Bromoform	< 3.5	3.5	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-27-4	Bromodichloromethane	< 1.9	1.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 3.6	3.6	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	75-71-8	Dichlorodifluoromethane	8.6	8.6	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.9	1.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	78-93-3	2-Butanone	320	320	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	79-01-6	Trichloroethene	2.2	2.2	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	91-20-3	Naphthalene	4.9	4.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	95-47-6	o-Xylene	10	10	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	42	42	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	108-88-3	Toluene	1.1	1.1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	180	180	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	110-54-3	Hexane	2	2	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	110-82-7	Cyclohexane	44	44	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	18	18	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	89	89	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	142-82-5	n-Heptane	3.6	3.6	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	320	320	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	64-17-5	Ethanol	33	33	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	210	210	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	67-64-1	Acetone	< 13	13	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	67-66-3	Chloroform	1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	71-43-2	Benzene	0.76	0.76	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.99	0.99	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	4.9	4.9	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	8.5	8.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	59	59	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	160	160	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	78-93-3	2-Butanone	6.3	6.3	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	79-01-6	Trichloroethene	110	110	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 0.8	0.8	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 0.8	0.8	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	108-88-3	Toluene	0.99	0.99	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	100	100	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	110-54-3	Hexane	9.8	9.8	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	110-82-7	Cyclohexane	160	160	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	1.9	1.9	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	100	100	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.9	1.9	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	320	320	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	591-78-6	2-Hexanone	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	64-17-5	Ethanol	18	18	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	1.4	1.4	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	67-64-1	Acetone	< 14	14	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	67-66-3	Chloroform	1.8	1.8	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	71-43-2	Benzene	0.62	0.62	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.63	0.63	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	8.5	8.5	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	63	63	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150	150	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	78-93-3	2-Butanone	8.6	8.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	79-01-6	Trichloroethene	140	140	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 0.86	0.86	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	0.44	0.44	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	108-88-3	Toluene	8.8	8.8	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	330	330	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	110-54-3	Hexane	1.2	1.2	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	110-82-7	Cyclohexane	0.77	0.77	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.83	0.83	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	43	43	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	1.9	1.9	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	19	19	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	142-82-5	n-Heptane	2	2	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	1.3	1.3	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	64	64	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	591-78-6	2-Hexanone	1.1	1.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	64-17-5	Ethanol	28	28	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.4	2.4	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	67-64-1	Acetone	440	440	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	67-66-3	Chloroform	3.5	3.5	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	71-43-2	Benzene	4.4	4.4	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	74-87-3	Chloromethane	2.3	2.3	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	0.79	0.79	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	6.3	6.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	2.1	2.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	81	81	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	55	55	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	78-93-3	2-Butanone	260	260	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	79-01-6	Trichloroethene	200	200	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	95-47-6	o-Xylene	0.59	0.59	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 0.86	0.86	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	890	890	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	108-88-3	Toluene	1.9	1.9	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	5	5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	110-54-3	Hexane	0.79	0.79	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	0.76	0.76	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	2.3	2.3	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	1.9	1.9	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.1	1.1	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	1.9	1.9	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.93	0.93	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	64-17-5	Ethanol	25	25	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	2.6	2.6	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	67-64-1	Acetone	8.7	8.7	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	67-66-3	Chloroform	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	71-43-2	Benzene	0.71	0.71	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	74-87-3	Chloromethane	0.41	0.41	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	1.2	1.2	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.52	0.52	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	11	11	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	0.42	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	78-93-3	2-Butanone	8.5	8.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	79-01-6	Trichloroethene	0.76	0.76	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 0.81	0.81	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	100-41-4	Ethylbenzene	< 0.79	0.79	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	108-88-3	Toluene	3.2	3.2	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	109-99-9	Tetrahydrofuran	11	11	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	110-54-3	Hexane	4	4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	110-82-7	Cyclohexane	1.6	1.6	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	115-07-1	Propylene (propene)	0.9	0.9	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	127-18-4	Tetrachloroethene	2.4	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	1330-20-7	Xylenes, total	0.85	0.85	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	141-78-6	Ethyl acetate	< 3	3	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	142-82-5	n-Heptane	6.2	6.2	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	179601-23-1	m- & p-Xylenes	0.85	0.85	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	56-23-5	Carbon tetrachloride	2	2	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	591-78-6	2-Hexanone	1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	64-17-5	Ethanol	27	27	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	67-63-0	Isopropyl alcohol	3.3	3.3	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	67-64-1	Acetone	11	11	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	67-66-3	Chloroform	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	71-43-2	Benzene	1.2	1.2	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	74-87-3	Chloromethane	0.77	0.77	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-01-4	Vinyl chloride	1.8	1.8	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-15-0	Carbon disulfide	4.8	4.8	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-69-4	Trichlorofluoromethane	0.49	0.49	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	75-71-8	Dichlorodifluoromethane	11	11	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	0.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	78-93-3	2-Butanone	9.4	9.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	79-01-6	Trichloroethene	0.83	0.83	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	95-47-6	o-Xylene	< 0.79	0.79	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 0.79	0.79	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	100-42-5	Styrene	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	106-93-4	1,2-Dibromoethane	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	106-99-0	1,3-Butadiene	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	107-06-2	1,2-Dichloroethane	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	108-10-1	4-Methyl-2-pentanone	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	108-67-8	1,3,5-Trimethylbenzene	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	108-88-3	Toluene	3.7	3.7	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	109-99-9	Tetrahydrofuran	1.2	1.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	110-54-3	Hexane	1.5	1.5	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	110-82-7	Cyclohexane	< 2	2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	115-07-1	Propylene (propene)	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	120-82-1	1,2,4-Trichlorobenzene	< 1.9	1.9	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	123-91-1	1,4-Dioxane	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	124-48-1	Dibromochloromethane	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	127-18-4	Tetrachloroethene	32	32	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	1330-20-7	Xylenes, total	< 2	2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	141-78-6	Ethyl acetate	< 3.9	3.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	142-82-5	n-Heptane	1.4	1.4	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	179601-23-1	m- & p-Xylenes	< 2	2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	56-23-5	Carbon tetrachloride	41	41	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	591-78-6	2-Hexanone	0.75	0.75	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	64-17-5	Ethanol	23	23	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	67-63-0	Isopropyl alcohol	3.8	3.8	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	67-64-1	Acetone	17	17	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	67-66-3	Chloroform	1.2	1.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	71-43-2	Benzene	5.7	5.7	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	74-87-3	Chloromethane	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-00-3	Chloroethane	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-01-4	Vinyl chloride	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-09-2	Methylene chloride	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-15-0	Carbon disulfide	2.2	2.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-25-2	Bromoform	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-27-4	Bromodichloromethane	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-34-3	1,1-Dichloroethane	1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-69-4	Trichlorofluoromethane	56	56	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	40	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	78-93-3	2-Butanone	7.5	7.5	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	79-01-6	Trichloroethene	86	86	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	91-20-3	Naphthalene	< 1.9	1.9	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	95-47-6	o-Xylene	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	95-63-6	1,2,4-Trimethylbenzene	< 1	1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	NONE	P2102163	75-71-8	Dichlorodifluoromethane	730	730	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	5.2	5.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	9.1	9.1	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	108-88-3	Toluene	22	22	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	0.37	0.37	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	110-54-3	Hexane	2.9	2.9	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	110-82-7	Cyclohexane	2.6	2.6	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	1.5	1.5	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	38	38	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	142-82-5	n-Heptane	7.5	7.5	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	29	29	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	0.91	0.91	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	64-17-5	Ethanol	3.2	3.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 2.7	2.7	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	67-64-1	Acetone	17	17	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	67-66-3	Chloroform	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	71-43-2	Benzene	3.3	3.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	9.7	9.7	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.73	0.73	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	0.62	0.62	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	0.65	0.65	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	1.4	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	78-93-3	2-Butanone	3	3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	79-01-6	Trichloroethene	0.96	0.96	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	91-20-3	Naphthalene	2.6	2.6	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	95-47-6	o-Xylene	8.6	8.6	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	30	30	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	2.1	2.1	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	3.7	3.7	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	108-88-3	Toluene	8.6	8.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	15	15	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	110-54-3	Hexane	0.92	0.92	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	110-82-7	Cyclohexane	0.89	0.89	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.1	1.1	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	0.92	0.92	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	15	15	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	142-82-5	n-Heptane	2.5	2.5	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	11	11	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	64-17-5	Ethanol	2.9	2.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	67-64-1	Acetone	12	12	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	67-66-3	Chloroform	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	71-43-2	Benzene	2.5	2.5	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	74-87-3	Chloromethane	0.48	0.48	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	33	33	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	< 1.6	1.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.84	0.84	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	78-93-3	2-Butanone	1.7	1.7	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	79-01-6	Trichloroethene	11	11	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	91-20-3	Naphthalene	2	2	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	95-47-6	o-Xylene	3.5	3.5	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	13	13	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	100-42-5	Styrene	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	97	97	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	108-88-3	Toluene	3800	3800	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	110-54-3	Hexane	880	880	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	110-82-7	Cyclohexane	2500	2500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	320	320	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	97	97	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	830	830	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	930	930	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	142-82-5	n-Heptane	140	140	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	550	550	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	64-17-5	Ethanol	< 410	410	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 310	310	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	67-64-1	Acetone	< 1300	1300	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	67-66-3	Chloroform	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	71-43-2	Benzene	2700	2700	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	< 270	270	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-25-2	Bromoform	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	85	85	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	78-93-3	2-Butanone	< 160	160	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 84	84	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	91-20-3	Naphthalene	< 150	150	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	95-47-6	o-Xylene	270	270	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	78	78	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	4.6	4.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.88	0.88	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.88	0.88	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	0.43	0.43	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	10	10	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	9.1	9.1	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	0.96	0.96	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	2.4	2.4	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	1.8	1.8	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	0.79	0.79	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.88	0.88	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	3.6	3.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	3.6	3.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	37	37	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	5.4	5.4	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	28	28	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	3.3	3.3	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	2.6	2.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	7.4	7.4	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	18	18	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	460	460	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	1.1	1.1	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.88	0.88	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	2.2	2.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	40	40	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	120	120	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	4.9	4.9	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.6	0.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	5.9	5.9	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	2.2	2.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	5.9	5.9	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	8.6	8.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	44	44	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	67-66-3	Chloroform	430	430	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	100-41-4	Ethylbenzene	7.2	7.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	100-42-5	Styrene	< 1.3	1.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.71	0.71	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.3	1.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.71	0.71	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	0.31	0.31	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	108-88-3	Toluene	30	30	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	109-99-9	Tetrahydrofuran	1.6	1.6	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	110-54-3	Hexane	2.2	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	110-82-7	Cyclohexane	2	2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	115-07-1	Propylene (propene)	2.3	2.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.3	1.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.71	0.71	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	124-48-1	Dibromochloromethane	3.3	3.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	127-18-4	Tetrachloroethene	3.8	3.8	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	1330-20-7	Xylenes, total	65	65	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	141-78-6	Ethyl acetate	25	25	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	142-82-5	n-Heptane	6.8	6.8	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	179601-23-1	m- & p-Xylenes	49	49	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	56-23-5	Carbon tetrachloride	3.1	3.1	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	591-78-6	2-Hexanone	< 0.71	0.71	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	64-17-5	Ethanol	13	13	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	67-63-0	Isopropyl alcohol	4.4	4.4	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	67-64-1	Acetone	27	27	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	71-43-2	Benzene	5.2	5.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	74-87-3	Chloromethane	0.44	0.44	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-00-3	Chloroethane	< 1.3	1.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-01-4	Vinyl chloride	< 0.71	0.71	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-09-2	Methylene chloride	2.8	2.8	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-15-0	Carbon disulfide	1.9	1.9	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-25-2	Bromoform	< 1.3	1.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-27-4	Bromodichloromethane	110	110	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	75-71-8	Dichlorodifluoromethane	4.8	4.8	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.58	0.58	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	78-93-3	2-Butanone	7.1	7.1	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	79-01-6	Trichloroethene	2.2	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	91-20-3	Naphthalene	5.1	5.1	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	95-47-6	o-Xylene	16	16	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	54	54	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	940	940	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.9	1.9	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	0.36	0.36	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	3.2	3.2	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	5.2	5.2	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	1	1	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	0.72	0.72	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.5	1.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	95	95	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	9.4	9.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	14	14	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	8.9	8.9	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	1.5	1.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	11	11	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	20	20	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	1.3	1.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	11	11	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	3.3	3.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	28	28	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	1.1	1.1	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	0.65	0.65	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	0.3	0.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	7.3	7.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	3.7	3.7	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	1.1	1.1	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	460	460	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	3.3	3.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	1	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	19	19	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	7.7	7.7	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	1.4	1.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	3	3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	14	14	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.96	0.96	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.96	0.96	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.96	0.96	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	4	4	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	3	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	2.4	2.4	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	0.5	0.5	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.96	0.96	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	2.6	2.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.7	3.7	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.7	0.7	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	9.5	9.5	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	16	16	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	0.51	0.51	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	5.9	5.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	7.4	7.4	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	19	19	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	32	32	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	0.84	0.84	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	0.53	0.53	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.96	0.96	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	2	2	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	4.3	4.3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	14	14	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.96	0.96	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	1.6	1.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	4	4	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	2.4	2.4	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	3	3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106120-150	SV120-150-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	18	18	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.9	1.9	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	2.6	2.6	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	6.5	6.5	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	3.1	3.1	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	0.67	0.67	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	0.32	0.32	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	0.37	0.37	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	20	20	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	1.1	1.1	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	9.1	9.1	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	4.7	4.7	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	0.36	0.36	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	26	26	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	4.9	4.9	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	16	16	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	1.9	1.9	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	0.55	0.55	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	0.38	0.38	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	14	14	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	10	10	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	2	2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	23	23	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	1.3	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	7.2	7.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.72	0.72	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	3.2	3.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	3.1	3.1	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	13	13	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	3.4	3.4	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	5.8	5.8	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	22	22	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	62	62	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	11	11	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	1.3	1.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	26	26	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 8.8	8.8	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	2	2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	19	19	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	5.1	5.1	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 8.5	8.5	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	< 36	36	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	24	24	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	96	96	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	< 7.3	7.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 4.3	4.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 4.5	4.5	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	21	21	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	190	190	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	5.8	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	6.3	6.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 2.3	2.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	4.1	4.1	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	7.3	7.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	23	23	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	21	21	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	46	46	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	56	56	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	31	31	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	34	34	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 95	95	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	21	21	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	< 120	120	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 92	92	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	< 400	400	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	85	85	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	190	190	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 48	48	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	22	22	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	200	200	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29	29	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	< 47	47	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 25	25	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	< 45	45	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	13	13	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	< 25	25	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	2.8	2.8	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	14	14	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	3.9	3.9	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	< 1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 2.2	2.2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.6	1.6	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	2.4	2.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	5.3	5.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	25	25	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	10	10	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.97	0.97	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	18	18	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	13	13	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	1.6	1.6	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	10	10	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	3.1	3.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	29	29	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	610	610	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	0.81	0.81	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	< 3.4	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 2	2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	53	53	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 2.1	2.1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	4.4	4.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.74	0.74	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	5.7	5.7	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	2.2	2.2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	1.9	1.9	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	7.3	7.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	56	56	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	2.9	2.9	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	2.5	2.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	1.4	1.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 2.2	2.2	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	0.98	0.98	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	3.3	3.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	7.4	7.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	8.8	8.8	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 4.2	4.2	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	6.5	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	17	17	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	1.4	1.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	4.9	4.9	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 4.1	4.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	20	20	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	660	660	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	< 1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	5.3	5.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 2.1	2.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	59	59	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 2.2	2.2	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	4.8	4.8	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.71	0.71	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	5.1	5.1	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	2.4	2.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	< 2	2	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	2.3	2.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	2.1	2.1	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	4.4	4.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	9.4	9.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	0.9	0.9	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	0.76	0.76	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	2	2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	8.9	8.9	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	7	7	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.85	0.85	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	6.9	6.9	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	13	13	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	0.38	0.38	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	19	19	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	2.1	2.1	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	9.1	9.1	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	34	34	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	0.55	0.55	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	4.6	4.6	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	4	4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	3.2	3.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	2.1	2.1	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	23	23	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	1.1	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	3.6	3.6	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.72	0.72	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	3	3	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	2	2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	9.9	9.9	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	100-41-4	Ethylbenzene	4.4	4.4	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	7.5	7.5	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	108-88-3	Toluene	6.9	6.9	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	109-99-9	Tetrahydrofuran	11	11	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	127-18-4	Tetrachloroethene	3.1	3.1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	1330-20-7	Xylenes, total	32	32	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	142-82-5	n-Heptane	2	2	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	179601-23-1	m- & p-Xylenes	25	25	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	56-23-5	Carbon tetrachloride	14	14	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	591-78-6	2-Hexanone	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	64-17-5	Ethanol	2.1	2.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	67-64-1	Acetone	9.2	9.2	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	67-66-3	Chloroform	37	37	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	71-43-2	Benzene	0.63	0.63	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-01-4	Vinyl chloride	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-15-0	Carbon disulfide	2.9	2.9	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-27-4	Bromodichloromethane	3.5	3.5	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-69-4	Trichlorofluoromethane	2.2	2.2	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	75-71-8	Dichlorodifluoromethane	25	25	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	1.2	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	78-93-3	2-Butanone	2.5	2.5	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	79-01-6	Trichloroethene	< 0.87	0.87	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	91-20-3	Naphthalene	6.1	6.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	95-47-6	o-Xylene	6.7	6.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	35	35	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	2.9	2.9	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	5	5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	5.1	5.1	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	2.6	2.6	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	0.62	0.62	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	0.35	0.35	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	21	21	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	8.2	8.2	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	1.7	1.7	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	17	17	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	3.2	3.2	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	3	3	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 3	3	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	< 13	13	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	1.9	1.9	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	0.62	0.62	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	4.7	4.7	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	4.7	4.7	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	57	57	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	0.87	0.87	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	4.3	4.3	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	4.5	4.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	22	22	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1	1	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	1.5	1.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	2	2	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	1.2	1.2	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	0.64	0.64	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	0.9	0.9	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	7.2	7.2	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.48	0.48	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	5.5	5.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	0.69	0.69	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	1.8	1.8	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 2.8	2.8	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	6.1	6.1	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	1.1	1.1	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	1.2	1.2	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	6.5	6.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.76	0.76	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	24	24	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	200	200	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	6.7	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	0.87	0.87	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.76	0.76	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	2.5	2.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	1.6	1.6	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	7.9	7.9	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	29	29	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	0.6	0.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	2.9	2.9	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	2	2	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	500	500	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	53	53	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	10	10	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	18	18	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	54	54	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	4.3	4.3	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	41	41	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	3.9	3.9	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 3.2	3.2	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	0.8	0.8	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	130	130	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	33	33	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	7.7	7.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	9.4	9.4	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	390	390	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	6.2	6.2	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	27	27	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	230	230	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.5	7.5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	7.2	7.2	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.85	0.85	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	13	13	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	5.2	5.2	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	3.6	3.6	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	2.5	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	0.48	0.48	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	0.59	0.59	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	2.3	2.3	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.51	0.51	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	9.4	9.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	3.8	3.8	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	0.49	0.49	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	20	20	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	6.9	6.9	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	260	260	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	< 0.79	0.79	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	1	1	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	22	22	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	0.45	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	3.5	3.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	1.8	1.8	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	6.5	6.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	3	3	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	16	16	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	2.2	2.2	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	0.44	0.44	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	8.3	8.3	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	3.5	3.5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	< 0.84	0.84	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	0.55	0.55	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.2	1.2	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	2.2	2.2	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	5.5	5.5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	17	17	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.79	0.79	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	13	13	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	14	14	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	1.7	1.7	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	14	14	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	1.8	1.8	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	32	32	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	400	400	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	< 0.84	0.84	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	0.81	0.81	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	2.3	2.3	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	1.1	1.1	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	61	61	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	3.4	3.4	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	0.59	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	7.8	7.8	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	1.3	1.3	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	7.5	7.5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	4.6	4.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	40	40	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.3	1.3	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	0.42	0.42	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	2.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	2	2	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	17	17	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	18	18	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	1.7	1.7	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	9.4	9.4	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	0.55	0.55	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	7.3	7.3	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	14	14	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	0.93	0.93	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	38	38	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	140	140	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	27	27	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	19	19	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	5.6	5.6	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	1.7	1.7	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	9.2	9.2	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	0.59	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	8.3	8.3	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	3.8	3.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	2.2	2.2	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1.8	1.8	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	2.7	2.7	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	3.5	3.5	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	2.8	2.8	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	2.4	2.4	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	4.7	4.7	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	2	2	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	9	9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	4.1	4.1	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	1.5	1.5	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	32	32	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	2.1	2.1	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	9.6	9.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	0.46	0.46	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	0.72	0.72	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	1.1	1.1	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	2.1	2.1	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	23	23	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	2.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	33	33	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	1.3	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	8.6	8.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.84	0.84	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	4.1	4.1	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	2.9	2.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	12	12	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	1	1	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	0.35	0.35	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	17	17	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	14	14	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	5.1	5.1	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	0.62	0.62	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	6.1	6.1	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	5.6	5.6	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	5.5	5.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	0.41	0.41	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	7.2	7.2	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	1.2	1.2	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	27	27	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	0.48	0.48	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	10	10	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	0.86	0.86	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	11	11	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	100	100	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.7	2.7	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	4.1	4.1	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	0.6	0.6	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	0.52	0.52	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	38	38	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 31	31	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 31	31	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	760	760	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	210	210	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	46	46	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	64	64	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	< 31	31	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 31	31	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 16	16	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	93	93	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	< 63	63	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	13	13	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	71	71	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	420	420	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	< 61	61	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	< 260	260	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	9	9	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	180	180	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	61	61	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	11	11	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	12	12	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	< 31	31	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	310	310	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	< 31	31	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 32	32	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	15	15	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	140	140	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	54	54	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	< 16	16	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	< 30	30	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	23	23	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	16	16	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	100-41-4	Ethylbenzene	19	19	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	106-93-4	1,2-Dibromoethane	0.9	0.9	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	108-10-1	4-Methyl-2-pentanone	2.3	2.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	108-67-8	1,3,5-Trimethylbenzene	29	29	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	108-88-3	Toluene	34	34	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	109-99-9	Tetrahydrofuran	0.84	0.84	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	110-54-3	Hexane	2.8	2.8	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	110-82-7	Cyclohexane	4.9	4.9	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	115-07-1	Propylene (propene)	1.9	1.9	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	124-48-1	Dibromochloromethane	28	28	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	127-18-4	Tetrachloroethene	3.3	3.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	1330-20-7	Xylenes, total	140	140	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	141-78-6	Ethyl acetate	2.9	2.9	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	142-82-5	n-Heptane	12	12	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	179601-23-1	m- & p-Xylenes	110	110	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	56-23-5	Carbon tetrachloride	4.7	4.7	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	591-78-6	2-Hexanone	6.6	6.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	64-17-5	Ethanol	11	11	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	67-63-0	Isopropyl alcohol	2.3	2.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	67-64-1	Acetone	51	51	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	71-43-2	Benzene	3.1	3.1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-09-2	Methylene chloride	6.8	6.8	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-25-2	Bromoform	0.78	0.78	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-27-4	Bromodichloromethane	270	270	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	75-71-8	Dichlorodifluoromethane	4.2	4.2	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.65	0.65	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	78-93-3	2-Butanone	12	12	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	79-01-6	Trichloroethene	1.5	1.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	91-20-3	Naphthalene	37	37	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	95-47-6	o-Xylene	35	35	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	95-63-6	1,2,4-Trimethylbenzene	120	120	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	NONE	P2102031	67-66-3	Chloroform	510	510	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	130000	130000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	11000	11000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	700000	700000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	230000	230000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	590000	590000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	4400	4400	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	310000	310000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 6400	6400	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	1000000	1000000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	230000	230000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	67000	67000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	160000	160000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	1100000	1100000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	110000	110000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	2500	2500	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 3300	3300	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 3200	3200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1700	1700	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	36000	36000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 1700	1700	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 3100	3100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	74000	74000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	24000	24000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	140000	140000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	15000	15000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	1500000	1500000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	2700000	2700000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	2400000	2400000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	4800	4800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	500000	500000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 22000	22000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	3000000	3000000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	390000	390000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	47000	47000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	17000	17000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	1800000	1800000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	600000	600000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	7400	7400	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	110000	110000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 5800	5800	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 11000	11000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	110000	110000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	29000	29000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	210000	210000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	11000	11000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	14000	14000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	2700000	2700000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	130000	130000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	500000	500000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	7300	7300	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	720000	720000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 32000	32000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	3900000	3900000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	570000	570000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	19000	19000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	13000	13000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	600000	600000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	85000	85000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 27000	27000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 16000	16000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	120000	120000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 8400	8400	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 15000	15000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	150000	150000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	30000	30000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	270000	270000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	16000	16000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	20000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	25000	25000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	3700000	3700000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	290000	290000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	830000	830000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	9900	9900	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	840000	840000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 25000	25000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	670000	670000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	< 32000	32000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	35000	35000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	1200000	1200000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	170000	170000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 21000	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 13000	13000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	250000	250000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 6600	6600	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 12000	12000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	170000	170000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	64000	64000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	4200000	4200000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	140000	140000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	15000	15000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	9300	9300	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	2500000	2500000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	4700000	4700000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	7800	7800	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	400000	400000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 27000	27000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	310000	310000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	160000	160000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	270000	270000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	3500000	3500000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	1300000	1300000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	12000	12000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 13000	13000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 14000	14000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	530000	530000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 7100	7100	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 13000	13000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	84000	84000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	18000	18000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	5400000	5400000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	4100000	4100000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	150000	150000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	12000	12000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	2500000	2500000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	7300000	7300000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	5100000	5100000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	450000	450000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 52000	52000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	4300000	4300000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	350000	350000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	51000	51000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	1800000	1800000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	1500000	1500000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 43000	43000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 26000	26000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	160000	160000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 14000	14000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 25000	25000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	94000	94000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	28000	28000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	35000	35000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	23000	23000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	64000	64000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	15000	15000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	19000	19000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	3400	3400	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	130000	130000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 420	420	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	89000	89000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	2400	2400	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	2600	2600	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	33000	33000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	4900	4900	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 350	350	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 210	210	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	1200	1200	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 110	110	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	1800	1800	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	41000	41000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	63000	63000	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	68000	68000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	110000	110000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	11000	11000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	1500000	1500000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	4000000	4000000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	3400000	3400000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	< 14000	14000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	320000	320000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 29000	29000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	2900000	2900000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	250000	250000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	19000	19000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	55000	55000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	3000000	3000000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	960000	960000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 24000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 15000	15000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	26000	26000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 7700	7700	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 14000	14000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	72000	72000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	24000	24000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	120000	120000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	15000	15000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	1800	1800	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	13000	13000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	2300	2300	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	330000	330000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 3000	3000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	310000	310000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	260000	260000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	< 3800	3800	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	6300	6300	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	81000	81000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	2300	2300	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 2500	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 1500	1500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	3800	3800	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 790	790	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	890	890	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	74000	74000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	43000	43000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	510000	510000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	200000	200000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	4800	4800	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	30000	30000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	150000	150000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	250000	250000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	4100	4100	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	630000	630000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 5500	5500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	760000	760000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	490000	490000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	< 7000	7000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	21000	21000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	530000	530000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	65000	65000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 4500	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 2800	2800	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 2700	2700	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 2700	2700	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	52000	52000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 1400	1400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	1600	1600	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	140000	140000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	77000	77000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	900000	900000	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	52	52	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	25	25	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	500	500	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	1100	1100	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	850	850	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	8.4	8.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	150	150	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 9.3	9.3	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	700	700	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	110	110	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	34	34	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	54	54	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	650	650	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	270	270	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	1.4	1.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 7.7	7.7	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 4.7	4.7	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 4.6	4.6	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	2.1	2.1	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	63	63	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 2.4	2.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	30	30	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	38	38	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	83	83	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	88000	88000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	420	420	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 610	610	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	1800	1800	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	13000	13000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	510000	510000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	2200	2200	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	280	280	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	240000	240000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 2300	2300	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	170000	170000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	1400	1400	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	800	800	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	210000	210000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	150000	150000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	4200	4200	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 1200	1200	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 1100	1100	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	16000	16000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 610	610	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	790	790	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	69000	69000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	28000	28000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	480000	480000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	480000	480000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	470000	470000	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	3400	3400	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	36	36	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	1400	1400	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	16000	16000	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	14000	14000	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	14000	14000	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	96	96	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	12000	12000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 210	210	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	16000	16000	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	8100	8100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	280	280	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	580	580	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	3600	3600	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	4100	4100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 170	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 110	110	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 100	100	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	310	310	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 55	55	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	370	370	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	3500	3500	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	3500	3500	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	340	340	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	940	940	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	1600	1600	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	6300	6300	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	17000	17000	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	66	66	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	2400	2400	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 170	170	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	4400	4400	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	1600	1600	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	< 220	220	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	< 170	170	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	< 710	710	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	890	890	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	43	43	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 140	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 87	87	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 84	84	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	32	32	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 45	45	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	140	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	810	810	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	1400	1400	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	330	330	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	1300	1300	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	1600	1600	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	7600	7600	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	19000	19000	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	74	74	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	2500	2500	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 120	120	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	5500	5500	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	1600	1600	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	< 160	160	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	< 120	120	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	< 510	510	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	970	970	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	52	52	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 100	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 63	63	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 61	61	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	25	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 32	32	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	140	140	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	890	890	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	1400	1400	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	60	60	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	100-42-5	Styrene	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	5.6	5.6	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	108-88-3	Toluene	2600	2600	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	73	73	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	110-54-3	Hexane	160	160	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	110-82-7	Cyclohexane	30	30	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	11	11	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	7.8	7.8	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	290	290	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 17	17	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	142-82-5	n-Heptane	63	63	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	230	230	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	5.1	5.1	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	64-17-5	Ethanol	21	21	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	26	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	67-64-1	Acetone	< 69	69	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	67-66-3	Chloroform	3	3	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	71-43-2	Benzene	500	500	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	74-87-3	Chloromethane	43	43	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	3.2	3.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	45	45	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-25-2	Bromoform	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 4.4	4.4	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 8.5	8.5	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 8.2	8.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	3.2	3.2	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	280	280	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	78-93-3	2-Butanone	8.1	8.1	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	79-01-6	Trichloroethene	20	20	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 8	8	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	95-47-6	o-Xylene	57	57	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	7	7	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	100-41-4	Ethylbenzene	56	56	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	100-42-5	Styrene	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	106-99-0	1,3-Butadiene	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	5.3	5.3	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	108-88-3	Toluene	2500	2500	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	109-99-9	Tetrahydrofuran	75	75	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	110-54-3	Hexane	150	150	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	110-82-7	Cyclohexane	28	28	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	115-07-1	Propylene (propene)	11	11	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	123-91-1	1,4-Dioxane	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	124-48-1	Dibromochloromethane	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	127-18-4	Tetrachloroethene	7.5	7.5	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	1330-20-7	Xylenes, total	270	270	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	141-78-6	Ethyl acetate	< 19	19	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	142-82-5	n-Heptane	59	59	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	179601-23-1	m- & p-Xylenes	210	210	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	56-23-5	Carbon tetrachloride	5.1	5.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	591-78-6	2-Hexanone	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	64-17-5	Ethanol	20	20	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	67-63-0	Isopropyl alcohol	< 18	18	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	67-64-1	Acetone	< 77	77	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	67-66-3	Chloroform	2.7	2.7	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	71-43-2	Benzene	470	470	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	74-87-3	Chloromethane	43	43	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-00-3	Chloroethane	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-01-4	Vinyl chloride	3.2	3.2	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-09-2	Methylene chloride	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-15-0	Carbon disulfide	39	39	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-25-2	Bromoform	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-27-4	Bromodichloromethane	< 4.9	4.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 9.4	9.4	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 9.1	9.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	75-71-8	Dichlorodifluoromethane	3.1	3.1	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	270	270	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	78-93-3	2-Butanone	6.2	6.2	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	79-01-6	Trichloroethene	19	19	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	91-20-3	Naphthalene	< 8.9	8.9	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	95-47-6	o-Xylene	53	53	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	6.3	6.3	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	510	510	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	100-42-5	Styrene	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	490	490	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	108-88-3	Toluene	8300	8300	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	17	17	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	110-54-3	Hexane	6300	6300	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	110-82-7	Cyclohexane	27000	27000	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	300	300	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	7900	7900	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 110	110	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	142-82-5	n-Heptane	4600	4600	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	5700	5700	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 29	29	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	64-17-5	Ethanol	< 140	140	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	< 110	110	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	67-64-1	Acetone	< 460	460	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	67-66-3	Chloroform	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	71-43-2	Benzene	5600	5600	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 93	93	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-25-2	Bromoform	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 57	57	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	78-93-3	2-Butanone	< 55	55	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 29	29	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 53	53	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	95-47-6	o-Xylene	2200	2200	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	440	440	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	100-41-4	Ethylbenzene	480	480	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	100-42-5	Styrene	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	106-99-0	1,3-Butadiene	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	430	430	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	108-88-3	Toluene	7900	7900	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	109-99-9	Tetrahydrofuran	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	110-54-3	Hexane	5800	5800	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	110-82-7	Cyclohexane	26000	26000	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	115-07-1	Propylene (propene)	280	280	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	123-91-1	1,4-Dioxane	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	124-48-1	Dibromochloromethane	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	127-18-4	Tetrachloroethene	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	1330-20-7	Xylenes, total	7400	7400	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	141-78-6	Ethyl acetate	68	68	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	142-82-5	n-Heptane	4300	4300	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	179601-23-1	m- & p-Xylenes	5400	5400	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	56-23-5	Carbon tetrachloride	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	591-78-6	2-Hexanone	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	64-17-5	Ethanol	< 160	160	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	67-63-0	Isopropyl alcohol	< 120	120	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	67-64-1	Acetone	< 510	510	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	67-66-3	Chloroform	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	71-43-2	Benzene	5200	5200	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	74-87-3	Chloromethane	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-00-3	Chloroethane	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-01-4	Vinyl chloride	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-09-2	Methylene chloride	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-15-0	Carbon disulfide	< 100	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-25-2	Bromoform	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-27-4	Bromodichloromethane	< 32	32	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 62	62	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	78-93-3	2-Butanone	< 60	60	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	79-01-6	Trichloroethene	< 32	32	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	91-20-3	Naphthalene	< 59	59	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	95-47-6	o-Xylene	2000	2000	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	380	380	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	100-41-4	Ethylbenzene	2700	2700	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	100-42-5	Styrene	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	106-93-4	1,2-Dibromoethane	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	106-99-0	1,3-Butadiene	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	107-06-2	1,2-Dichloroethane	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	108-10-1	4-Methyl-2-pentanone	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	108-67-8	1,3,5-Trimethylbenzene	2200	2200	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	108-88-3	Toluene	30000	30000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	109-99-9	Tetrahydrofuran	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	110-54-3	Hexane	210000	210000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	110-82-7	Cyclohexane	310000	310000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	115-07-1	Propylene (propene)	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	120-82-1	1,2,4-Trichlorobenzene	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	123-91-1	1,4-Dioxane	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	124-48-1	Dibromochloromethane	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	127-18-4	Tetrachloroethene	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	1330-20-7	Xylenes, total	12000	12000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	141-78-6	Ethyl acetate	< 2300	2300	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	142-82-5	n-Heptane	220000	220000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	179601-23-1	m- & p-Xylenes	6200	6200	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	56-23-5	Carbon tetrachloride	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	591-78-6	2-Hexanone	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	64-17-5	Ethanol	< 2900	2900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	67-63-0	Isopropyl alcohol	< 2200	2200	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	67-64-1	Acetone	< 9500	9500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	67-66-3	Chloroform	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	71-43-2	Benzene	25000	25000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	74-87-3	Chloromethane	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-00-3	Chloroethane	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-01-4	Vinyl chloride	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-09-2	Methylene chloride	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-15-0	Carbon disulfide	< 1900	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-25-2	Bromoform	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-27-4	Bromodichloromethane	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-34-3	1,1-Dichloroethane	< 1200	1200	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-69-4	Trichlorofluoromethane	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	75-71-8	Dichlorodifluoromethane	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	78-93-3	2-Butanone	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	79-01-6	Trichloroethene	< 600	600	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	91-20-3	Naphthalene	< 1100	1100	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	95-47-6	o-Xylene	5500	5500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	NONE	P2102356	95-63-6	1,2,4-Trimethylbenzene	5000	5000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	490	490	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	100-42-5	Styrene	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 630	630	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	108-88-3	Toluene	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	110-54-3	Hexane	51000	51000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	110-82-7	Cyclohexane	220000	220000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	590	590	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	2300	2300	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 2400	2400	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	142-82-5	n-Heptane	38000	38000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	1700	1700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	64-17-5	Ethanol	6600	6600	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	880	880	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	67-64-1	Acetone	< 10000	10000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	67-66-3	Chloroform	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	71-43-2	Benzene	6900	6900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 2000	2000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	78-93-3	2-Butanone	570	570	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 630	630	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 1200	1200	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	95-47-6	o-Xylene	570	570	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	440	440	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	0.51	0.51	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	0.79	0.79	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	0.61	0.61	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	1.2	1.2	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	0.87	0.87	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	1.4	1.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	0.87	0.87	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	3.2	3.2	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	5.5	5.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	7	7	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	39	39	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.67	0.67	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	8.5	8.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	7.4	7.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	21	21	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	6.1	6.1	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	6.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	4.2	4.2	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	1	1	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 0.78	0.78	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.5	1.5	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	100-42-5	Styrene	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	106-99-0	1,3-Butadiene	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.5	0.5	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	1.9	1.9	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	108-88-3	Toluene	70	70	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	109-99-9	Tetrahydrofuran	3.1	3.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	110-54-3	Hexane	0.69	0.69	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	110-82-7	Cyclohexane	< 2.1	2.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	115-07-1	Propylene (propene)	2.9	2.9	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	123-91-1	1,4-Dioxane	< 1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	124-48-1	Dibromochloromethane	0.66	0.66	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	127-18-4	Tetrachloroethene	1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	141-78-6	Ethyl acetate	3.2	3.2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	142-82-5	n-Heptane	0.98	0.98	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	179601-23-1	m- & p-Xylenes	9	9	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	56-23-5	Carbon tetrachloride	3.1	3.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	591-78-6	2-Hexanone	1.6	1.6	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	64-17-5	Ethanol	13	13	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	67-63-0	Isopropyl alcohol	3.5	3.5	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	67-64-1	Acetone	58	58	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	67-66-3	Chloroform	38	38	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	71-43-2	Benzene	1	1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	74-87-3	Chloromethane	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-00-3	Chloroethane	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-01-4	Vinyl chloride	< 1.1	1.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-09-2	Methylene chloride	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-15-0	Carbon disulfide	51	51	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-25-2	Bromoform	< 2	2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-27-4	Bromodichloromethane	7.2	7.2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 2.1	2.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-69-4	Trichlorofluoromethane	20	20	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	75-71-8	Dichlorodifluoromethane	6	6	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	6.4	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	78-93-3	2-Butanone	8.3	8.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	79-01-6	Trichloroethene	4.1	4.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	91-20-3	Naphthalene	3	3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	95-47-6	o-Xylene	2.1	2.1	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	0.4	0.4	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.49	0.49	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	4	4	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	0.71	0.71	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	1.4	1.4	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	3.5	3.5	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	2.5	2.5	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	0.93	0.93	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	2.1	2.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	41	41	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	0.79	0.79	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	1.5	1.5	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	3.7	3.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	2	2	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	36	36	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	12	12	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	46	46	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	76	76	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.77	0.77	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	2.4	2.4	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	89	89	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	17	17	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	18	18	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	5.2	5.2	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	6.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	10	10	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	6.9	6.9	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	0.59	0.59	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1	1	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	0.57	0.57	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.96	0.96	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.96	0.96	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.96	0.96	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	0.59	0.59	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	2.3	2.3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	0.72	0.72	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	0.63	0.63	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.96	0.96	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	2.4	2.4	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	0.5	0.5	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	3.6	3.6	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	2.5	2.5	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	0.63	0.63	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	2.7	2.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	3.4	3.4	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	0.41	0.41	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	9.2	9.2	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 3.6	3.6	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	9.5	9.5	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	93	93	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.64	0.64	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.96	0.96	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	6.9	6.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	19	19	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	5.3	5.3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	2.8	2.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.1	4.1	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	1.9	1.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	6.9	6.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 1.8	1.8	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	0.85	0.85	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	2.9	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.1	1.1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	0.95	0.95	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	3.3	3.3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	1	1	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.7	3.7	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	1	1	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	5.1	5.1	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	1.4	1.4	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	10	10	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	1.9	1.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	21	21	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	44	44	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	7.1	7.1	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	15	15	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	1.6	1.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	1.5	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	5.3	5.3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	2.5	2.5	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	0.82	0.82	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 0.96	0.96	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.1	1.1	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	0.78	0.78	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.83	0.83	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.83	0.83	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.6	0.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	1.2	1.2	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	2.8	2.8	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	0.6	0.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	0.59	0.59	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	2.5	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	0.39	0.39	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.83	0.83	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	1.1	1.1	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	5.1	5.1	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	2.1	2.1	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	0.44	0.44	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	3.9	3.9	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	0.69	0.69	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	1.7	1.7	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	13	13	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	3	3	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	78	78	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	5.8	5.8	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.69	0.69	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	4.7	4.7	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	0.7	0.7	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.83	0.83	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	4.3	4.3	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	0.56	0.56	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	15	15	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	16	16	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.66	0.66	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	16	16	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.83	0.83	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	3.3	3.3	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	1.2	1.2	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	7.1	7.1	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	0.71	0.71	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	1.3	1.3	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	0.91	0.91	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.4	3.4	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	0.91	0.91	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	1	1	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	2	2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 3.3	3.3	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	12	12	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 2.8	2.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	1.4	1.4	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	21	21	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	19	19	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.81	0.81	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	0.68	0.68	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	2	2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 0.88	0.88	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	0.84	0.84	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	1	1	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	0.77	0.77	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	0.91	0.91	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	0.91	0.91	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	0.72	0.72	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	8.8	8.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	1.1	1.1	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	21	21	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	21	21	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	0.42	0.42	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	6.2	6.2	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	2.8	2.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	23	23	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	19	19	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.83	0.83	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	3.5	3.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	0.97	0.97	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 0.82	0.82	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.5	1.5	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.86	0.86	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.8	1.8	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	8.5	8.5	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	0.34	0.34	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	0.53	0.53	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	1	1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	1.8	1.8	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	2.4	2.4	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	1.4	1.4	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	1.2	1.2	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	0.84	0.84	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	15	15	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	4.1	4.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	21	21	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	23	23	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.46	0.46	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	0.52	0.52	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	1.8	1.8	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	6.5	6.5	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	2.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	22	22	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	13	13	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.72	0.72	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	3.6	3.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	0.46	0.46	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	1.7	1.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	0.44	0.44	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.9	1.9	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	0.78	0.78	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	3.7	3.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	0.79	0.79	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	0.79	0.79	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	0.68	0.68	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	2.9	2.9	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 3.4	3.4	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	8.7	8.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	5.3	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	1.7	1.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	9	9	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	5	5	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	0.98	0.98	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	1.2	1.2	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 0.91	0.91	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.1	1.1	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	2.8	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	4.8	4.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.2	1.2	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	150	150	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	0.61	0.61	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 1.7	1.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	0.39	0.39	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	0.96	0.96	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	0.96	0.96	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	0.68	0.68	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	0.41	0.41	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	3.9	3.9	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 3.4	3.4	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	26	26	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	3	3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	1.5	1.5	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	30	30	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	8.2	8.2	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	9.5	9.5	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.7	1.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	100	100	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	6.3	6.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	6.5	6.5	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	4.1	4.1	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	9.8	9.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	1.4	1.4	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 0.91	0.91	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	1.2	1.2	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	2.4	2.4	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.61	0.61	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	3.3	3.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	7.5	7.5	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	0.67	0.67	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.8	1.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	14	14	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.5	3.5	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	1.2	1.2	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	10	10	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	4.9	4.9	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	16	16	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	2.8	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	33	33	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	0.85	0.85	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 2.9	2.9	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.7	1.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	0.46	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	9.5	9.5	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.91	0.91	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	32	32	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	3.4	3.4	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	16	16	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	0.46	0.46	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	0.73	0.73	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.4	1.4	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.9	1.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	0.99	0.99	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	2.6	2.6	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 3.6	3.6	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	2	2	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	1.1	1.1	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	7	7	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	1.6	1.6	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	18	18	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	1.3	1.3	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.51	0.51	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	34	34	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.8	1.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	1.5	1.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	2.4	2.4	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	0.46	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	6.1	6.1	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.94	0.94	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	14	14	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	0.65	0.65	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	3.5	3.5	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	0.44	0.44	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.6	0.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	1.5	1.5	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	9.9	9.9	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	1	1	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	3.3	3.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	1.3	1.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	4.5	4.5	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	0.66	0.66	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	8	8	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	58	58	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	2.2	2.2	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	6.1	6.1	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	50	50	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	22	22	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	40	40	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	0.92	0.92	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	1	1	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	0.63	0.63	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	4.7	4.7	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	8.1	8.1	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	13	13	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	17	17	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.58	0.58	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	7.6	7.6	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.75	0.75	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	5.8	5.8	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	8.6	8.6	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	100-41-4	Ethylbenzene	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	100-42-5	Styrene	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.8	0.8	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	0.5	0.5	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	108-88-3	Toluene	1.3	1.3	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	109-99-9	Tetrahydrofuran	1.1	1.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	110-54-3	Hexane	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	110-82-7	Cyclohexane	< 2	2	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	123-91-1	1,4-Dioxane	2.3	2.3	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	124-48-1	Dibromochloromethane	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	127-18-4	Tetrachloroethene	0.7	0.7	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	1330-20-7	Xylenes, total	2.1	2.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	141-78-6	Ethyl acetate	< 3.8	3.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	142-82-5	n-Heptane	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	179601-23-1	m- & p-Xylenes	1.6	1.6	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	56-23-5	Carbon tetrachloride	1.6	1.6	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	591-78-6	2-Hexanone	1.1	1.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	64-17-5	Ethanol	8.1	8.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	67-63-0	Isopropyl alcohol	1.4	1.4	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	67-64-1	Acetone	33	33	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	67-66-3	Chloroform	0.79	0.79	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	71-43-2	Benzene	0.71	0.71	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	74-87-3	Chloromethane	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-00-3	Chloroethane	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-01-4	Vinyl chloride	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-09-2	Methylene chloride	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-15-0	Carbon disulfide	120	120	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-25-2	Bromoform	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-27-4	Bromodichloromethane	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.9	1.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-69-4	Trichlorofluoromethane	18	18	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	75-71-8	Dichlorodifluoromethane	23	23	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.57	0.57	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	78-93-3	2-Butanone	12	12	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	79-01-6	Trichloroethene	< 1	1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	91-20-3	Naphthalene	2.6	2.6	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	95-47-6	o-Xylene	0.5	0.5	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	2.7	2.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	0.45	0.45	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	0.7	0.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.4	1.4	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	1.7	1.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	0.73	0.73	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	0.54	0.54	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	2.8	2.8	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	2.1	2.1	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	2.1	2.1	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	1.8	1.8	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	0.72	0.72	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	16	16	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	1.5	1.5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	16	16	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	1.7	1.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.59	0.59	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	6.7	6.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	18	18	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	22	22	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.58	0.58	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	2.5	2.5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.85	0.85	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	7.2	7.2	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	0.69	0.69	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	3.8	3.8	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	0.68	0.68	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	2	2	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	0.43	0.43	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	0.56	0.56	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	0.45	0.45	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	1.3	1.3	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	3.8	3.8	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	1.9	1.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	1.7	1.7	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	5.2	5.2	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 0.83	0.83	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	2.5	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	2.6	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	0.71	0.71	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	2	2	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	1.7	1.7	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	0.93	0.93	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	11	11	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	1.6	1.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	46	46	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	7.7	7.7	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	0.58	0.58	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	6.8	6.8	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	0.79	0.79	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 0.83	0.83	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	0.99	0.99	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	9.8	9.8	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	13	13	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	3.4	3.4	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	6.5	6.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	4.7	4.7	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.83	0.83	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	6.7	6.7	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 0.83	0.83	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	2.1	2.1	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	0.52	0.52	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106142-350	SV142-350-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	2.2	2.2	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	110-54-3	Hexane	2000	2000	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	16	16	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	100-42-5	Styrene	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	43	43	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	108-88-3	Toluene	120	120	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	1.6	1.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	110-82-7	Cyclohexane	1500	1500	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	190	190	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 14	14	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	142-82-5	n-Heptane	1800	1800	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	17	17	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	64-17-5	Ethanol	< 18	18	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	5.1	5.1	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	67-64-1	Acetone	< 58	58	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	67-66-3	Chloroform	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	71-43-2	Benzene	240	240	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	23	23	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-25-2	Bromoform	< 6.8	6.8	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 7.1	7.1	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	4	4	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	3.7	3.7	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	78-93-3	2-Butanone	3.9	3.9	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 3.6	3.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 6.6	6.6	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	95-47-6	o-Xylene	170	170	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	3.4	3.4	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	76000	76000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	100-42-5	Styrene	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	1100	1100	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	7300	7300	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	108-88-3	Toluene	340000	340000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	110-54-3	Hexane	820000	820000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	110-82-7	Cyclohexane	790000	790000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	4300	4300	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	110000	110000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 6100	6100	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	142-82-5	n-Heptane	730000	730000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	78000	78000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	64-17-5	Ethanol	27000	27000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	6200	6200	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	67-64-1	Acetone	140000	140000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	67-66-3	Chloroform	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	71-43-2	Benzene	150000	150000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 5100	5100	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-25-2	Bromoform	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 3100	3100	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	< 3000	3000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	78-93-3	2-Butanone	31000	31000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 1600	1600	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 2900	2900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	95-47-6	o-Xylene	29000	29000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	21000	21000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	100-41-4	Ethylbenzene	63000	63000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	100-42-5	Styrene	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	106-99-0	1,3-Butadiene	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	1100	1100	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	4800	4800	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	108-88-3	Toluene	310000	310000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	109-99-9	Tetrahydrofuran	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	110-54-3	Hexane	800000	800000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	110-82-7	Cyclohexane	760000	760000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	115-07-1	Propylene (propene)	4200	4200	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	123-91-1	1,4-Dioxane	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	124-48-1	Dibromochloromethane	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	127-18-4	Tetrachloroethene	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	1330-20-7	Xylenes, total	85000	85000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	141-78-6	Ethyl acetate	< 5500	5500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	142-82-5	n-Heptane	690000	690000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	179601-23-1	m- & p-Xylenes	62000	62000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	56-23-5	Carbon tetrachloride	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	591-78-6	2-Hexanone	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	64-17-5	Ethanol	24000	24000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	67-63-0	Isopropyl alcohol	5300	5300	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	67-64-1	Acetone	140000	140000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	67-66-3	Chloroform	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	71-43-2	Benzene	140000	140000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	74-87-3	Chloromethane	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-00-3	Chloroethane	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-01-4	Vinyl chloride	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-09-2	Methylene chloride	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-15-0	Carbon disulfide	< 4600	4600	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-25-2	Bromoform	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-27-4	Bromodichloromethane	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 2800	2800	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-69-4	Trichlorofluoromethane	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	75-71-8	Dichlorodifluoromethane	< 2700	2700	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	78-93-3	2-Butanone	30000	30000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	79-01-6	Trichloroethene	< 1400	1400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	91-20-3	Naphthalene	< 2600	2600	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	95-47-6	o-Xylene	22000	22000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	13000	13000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	47000	47000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	100-42-5	Styrene	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	4100	4100	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	3800	3800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	108-88-3	Toluene	390000	390000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	110-54-3	Hexane	890000	890000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	110-82-7	Cyclohexane	430000	430000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	120000	120000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 7100	7100	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	142-82-5	n-Heptane	640000	640000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	89000	89000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	64-17-5	Ethanol	24000	24000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	5100	5100	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	67-64-1	Acetone	330000	330000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	67-66-3	Chloroform	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	71-43-2	Benzene	190000	190000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 5900	5900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-25-2	Bromoform	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 3600	3600	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	< 3500	3500	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	78-93-3	2-Butanone	120000	120000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 1900	1900	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 3400	3400	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	95-47-6	o-Xylene	28000	28000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	8700	8700	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	74	74	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	100-42-5	Styrene	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	108-88-3	Toluene	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	110-54-3	Hexane	3900	3900	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	110-82-7	Cyclohexane	6100	6100	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	< 280	280	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 540	540	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	142-82-5	n-Heptane	1700	1700	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	< 280	280	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	64-17-5	Ethanol	1000	1000	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 520	520	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	67-64-1	Acetone	< 2200	2200	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	67-66-3	Chloroform	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	71-43-2	Benzene	13000	13000	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 450	450	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-25-2	Bromoform	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	< 270	270	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	78-93-3	2-Butanone	220	220	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 260	260	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	95-47-6	o-Xylene	< 140	140	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	< 140	140	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	100-41-4	Ethylbenzene	22	22	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	100-42-5	Styrene	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	106-93-4	1,2-Dibromoethane	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	106-99-0	1,3-Butadiene	< 63	63	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	107-06-2	1,2-Dichloroethane	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	108-10-1	4-Methyl-2-pentanone	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	108-67-8	1,3,5-Trimethylbenzene	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	108-88-3	Toluene	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	109-99-9	Tetrahydrofuran	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	110-54-3	Hexane	530	530	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	110-82-7	Cyclohexane	1100	1100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	115-07-1	Propylene (propene)	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	120-82-1	1,2,4-Trichlorobenzene	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	123-91-1	1,4-Dioxane	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	124-48-1	Dibromochloromethane	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	127-18-4	Tetrachloroethene	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	1330-20-7	Xylenes, total	61	61	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	141-78-6	Ethyl acetate	< 130	130	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	142-82-5	n-Heptane	310	310	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	179601-23-1	m- & p-Xylenes	44	44	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	56-23-5	Carbon tetrachloride	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	591-78-6	2-Hexanone	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	64-17-5	Ethanol	210	210	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	67-63-0	Isopropyl alcohol	< 120	120	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	67-64-1	Acetone	< 530	530	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	67-66-3	Chloroform	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	71-43-2	Benzene	2000	2000	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	74-87-3	Chloromethane	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-00-3	Chloroethane	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-01-4	Vinyl chloride	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-09-2	Methylene chloride	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-15-0	Carbon disulfide	< 110	110	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-25-2	Bromoform	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-27-4	Bromodichloromethane	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-34-3	1,1-Dichloroethane	< 65	65	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-69-4	Trichlorofluoromethane	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	75-71-8	Dichlorodifluoromethane	< 63	63	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	70	70	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	78-93-3	2-Butanone	32	32	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	79-01-6	Trichloroethene	< 34	34	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	91-20-3	Naphthalene	< 61	61	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	95-47-6	o-Xylene	17	17	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	NONE	P2101902	95-63-6	1,2,4-Trimethylbenzene	31	31	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	600	600	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	100	100	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	210	210	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	450	450	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	8900	8900	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	19	19	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	14000	14000	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	9900	9900	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	3900	3900	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 38	38	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	4000	4000	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 140	140	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	10000	10000	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	3000	3000	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	380	380	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	400	400	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	15000	15000	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	4900	4900	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 120	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 73	73	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 71	71	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	4200	4200	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 38	38	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 69	69	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	980	980	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	780	780	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	87000	87000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	23000	23000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	400000	400000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	200000	200000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	240000	240000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	4400	4400	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	450000	450000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 2700	2700	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	340000	340000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	340000	340000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	4900	4900	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	26000	26000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	170000	170000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	66000	66000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1300	1300	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 2300	2300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1400	1400	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 1300	1300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	22000	22000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 710	710	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	930	930	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	110000	110000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	46000	46000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	16000	16000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	3000	3000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	180000	180000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	160000	160000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	320000	320000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	4500	4500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	73000	73000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 1900	1900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	230000	230000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	56000	56000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	< 2400	2400	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	2700	2700	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	35000	35000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	51000	51000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 1600	1600	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 960	960	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 930	930	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	4400	4400	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 500	500	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 900	900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	17000	17000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	4600	4600	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	11000	11000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	1900	1900	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	84000	84000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	100000	100000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	2700	2700	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	35000	35000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 590	590	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	26000	26000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	< 760	760	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	880	880	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	27000	27000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	28000	28000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 490	490	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 300	300	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 290	290	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	2700	2700	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 160	160	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	130	130	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	8400	8400	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	3900	3900	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	91000	91000	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	110000	110000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	180	180	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	860	860	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 330	330	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	1200	1200	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	3400	3400	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	820	820	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 1300	1300	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	1300	1300	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	430	430	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	< 1600	1600	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	560	560	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	< 5300	5300	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	280	280	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 1100	1100	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 650	650	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	< 630	630	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 330	330	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 610	610	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	390	390	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	220	220	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	0.73	0.73	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	6.8	6.8	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	1.1	1.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	500	500	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	9.7	9.7	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	17	17	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	2.7	2.7	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	1.2	1.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	0.36	0.36	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	2	2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	42	42	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	6.5	6.5	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	4.4	4.4	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	0.94	0.94	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	< 11	11	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	4.2	4.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	2	2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	3.6	3.6	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 2.2	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	5	5	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	29	29	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	0.64	0.64	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	66	66	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 1.3	1.3	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	0.65	0.65	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	< 0.69	0.69	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	590	590	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	8.6	8.6	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	1.9	1.9	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	51	51	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	1.5	1.5	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	78	78	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	15	15	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	16	16	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	100	100	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	3.7	3.7	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	45	45	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	450	450	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	72	72	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	< 12	12	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	8.9	8.9	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	0.41	0.41	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	6.5	6.5	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 2.4	2.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	5.3	5.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	17	17	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	9.6	9.6	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	93	93	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	13	13	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	< 0.74	0.74	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	1300	1300	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	4300	4300	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	500	500	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	1.3	1.3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	1.9	1.9	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	0.64	0.64	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	1.8	1.8	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	0.61	0.61	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	3.2	3.2	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	1.3	1.3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 3	3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	0.88	0.88	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	3.9	3.9	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	0.54	0.54	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	25	25	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	1.8	1.8	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	7.7	7.7	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	0.46	0.46	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	1.7	1.7	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	7.2	7.2	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	3.2	3.2	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	0.4	0.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	1	1	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	36	36	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	5.3	5.3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	0.52	0.52	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	0.85	0.85	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	0.39	0.39	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	0.75	0.75	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	0.7	0.7	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	0.79	0.79	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	5.2	5.2	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	120	120	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	13	13	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 3	3	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	23	23	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	0.38	0.38	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	57	57	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	730	730	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	< 12	12	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	3.1	3.1	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	11	11	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	2.1	2.1	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	4	4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	7.4	7.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	4.1	4.1	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	38	38	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	< 0.78	0.78	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1100	1100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	610	610	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	4300	4300	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	11000	11000	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	2000	2000	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	46000	46000	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	500	500	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 100	100	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	14000	14000	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 380	380	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	1200	1200	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	7100	7100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	< 490	490	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	< 370	370	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	< 1600	1600	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	5400	5400	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 320	320	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 190	190	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	72	72	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 100	100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 180	180	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	7000	7000	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	1900	1900	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	3.5	3.5	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	0.32	0.32	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	74	74	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	26	26	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	1.5	1.5	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	0.82	0.82	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	26	26	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	1.7	1.7	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	1.2	1.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	96	96	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	1.7	1.7	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	44	44	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	2.7	2.7	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	19	19	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	3.4	3.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	17	17	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 0.73	0.73	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	8.8	8.8	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	5.2	5.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	4.3	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	2	2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	7	7	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	12	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	8.3	8.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 0.73	0.73	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	5.3	5.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	51	51	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	39	39	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	23	23	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	7.1	7.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	7.4	7.4	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	11	11	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	16	16	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	27	27	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 2.7	2.7	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	0.5	0.5	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	13	13	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	6.1	6.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	21	21	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	110	110	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	28	28	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	0.88	0.88	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	4.8	4.8	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	3	3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.3	1.3	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	2.4	2.4	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	4.4	4.4	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	15	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	10	10	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 0.71	0.71	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	3.1	3.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	14	14	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	13	13	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	0.92	0.92	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	108-88-3	Toluene	4.5	4.5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	0.55	0.55	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	110-54-3	Hexane	54	54	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	110-82-7	Cyclohexane	680	680	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	23	23	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	0.78	0.78	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	17	17	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	142-82-5	n-Heptane	0.48	0.48	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	7.3	7.3	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	3.4	3.4	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	64-17-5	Ethanol	23	23	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	1.7	1.7	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	67-64-1	Acetone	< 13	13	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	67-66-3	Chloroform	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	71-43-2	Benzene	91	91	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	4.4	4.4	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	1.8	1.8	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.84	0.84	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	2.1	2.1	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	4.2	4.2	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.1	3.1	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	78-93-3	2-Butanone	6.8	6.8	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	79-01-6	Trichloroethene	0.57	0.57	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	91-20-3	Naphthalene	1.9	1.9	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	95-47-6	o-Xylene	10	10	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	5.1	5.1	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	6.5	6.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	46	46	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	13	13	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	65	65	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	160	160	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	1	1	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	2.4	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	39	39	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 3	3	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	210	210	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	15	15	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	2.6	2.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	28	28	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	2.3	2.3	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	12	12	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	0.82	0.82	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	14	14	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	2.4	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	1.6	1.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	9	9	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	11	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	10	10	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 0.78	0.78	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	24	24	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	< 0.78	0.78	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	2	2	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	13	13	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	0.36	0.36	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	15	15	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	150	150	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	8.4	8.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	2.1	2.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	9.8	9.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	5.9	5.9	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	17	17	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	4.7	4.7	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	3.3	3.3	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	45	45	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	44	44	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	< 9.2	9.2	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	230	230	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	0.34	0.34	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	2.7	2.7	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 1.8	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	4.9	4.9	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	10	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	3.6	3.6	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 0.58	0.58	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 1.1	1.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	5.1	5.1	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	0.51	0.51	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	35	35	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	160	160	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	4100	4100	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	57000	57000	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	91	91	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 240	240	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	51	51	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	< 130	130	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	< 310	310	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	< 230	230	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	< 1000	1000	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	290	290	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 120	120	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 200	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	70	70	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 63	63	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	47	47	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 120	120	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	91	91	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	< 63	63	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	142-82-5	n-Heptane	490000	490000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	100-41-4	Ethylbenzene	8600	8600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	100-42-5	Styrene	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	106-93-4	1,2-Dibromoethane	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	106-99-0	1,3-Butadiene	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	107-06-2	1,2-Dichloroethane	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	108-10-1	4-Methyl-2-pentanone	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	108-67-8	1,3,5-Trimethylbenzene	1700	1700	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	108-88-3	Toluene	160000	160000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	109-99-9	Tetrahydrofuran	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	110-54-3	Hexane	480000	480000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	110-82-7	Cyclohexane	600000	600000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	115-07-1	Propylene (propene)	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	120-82-1	1,2,4-Trichlorobenzene	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	123-91-1	1,4-Dioxane	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	124-48-1	Dibromochloromethane	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	127-18-4	Tetrachloroethene	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	1330-20-7	Xylenes, total	38000	38000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	141-78-6	Ethyl acetate	< 3200	3200	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	179601-23-1	m- & p-Xylenes	28000	28000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	56-23-5	Carbon tetrachloride	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	591-78-6	2-Hexanone	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	64-17-5	Ethanol	< 4100	4100	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	67-63-0	Isopropyl alcohol	< 3100	3100	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	67-64-1	Acetone	< 13000	13000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	67-66-3	Chloroform	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	71-43-2	Benzene	57000	57000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	74-87-3	Chloromethane	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-00-3	Chloroethane	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-01-4	Vinyl chloride	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-09-2	Methylene chloride	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-15-0	Carbon disulfide	< 2700	2700	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-25-2	Bromoform	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-27-4	Bromodichloromethane	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-34-3	1,1-Dichloroethane	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-69-4	Trichlorofluoromethane	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	75-71-8	Dichlorodifluoromethane	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	78-93-3	2-Butanone	< 1600	1600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	79-01-6	Trichloroethene	< 840	840	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	91-20-3	Naphthalene	< 1500	1500	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	95-47-6	o-Xylene	10000	10000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	NONE	P2102358	95-63-6	1,2,4-Trimethylbenzene	1300	1300	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	5.1	5.1	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	2.8	2.8	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	2.2	2.2	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	2.3	2.3	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	36	36	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	0.5	0.5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	26	26	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	0.62	0.62	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	7.4	7.4	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 3.1	3.1	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	6.3	6.3	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 2.7	2.7	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	19	19	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	2.9	2.9	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	49	49	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	2.9	2.9	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 0.85	0.85	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	9.3	9.3	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	9.7	9.7	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	50	50	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	15000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	11000	11000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	170000	170000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	2300000	2300000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	2300000	2300000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	3900	3900	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	2900	2900	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	150000	150000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 18000	18000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	990000	990000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	110000	110000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 23000	23000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 18000	18000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 76000	76000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	180000	180000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 15000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 9300	9300	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3400	3400	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 9000	9000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 4800	4800	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 8700	8700	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	39000	39000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	15000	15000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	3000	3000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	20000	20000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	990000	990000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	1100000	1100000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	9500	9500	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	1200	1200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	6400	6400	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 7700	7700	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	920000	920000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	< 4000	4000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 9800	9800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 7500	7500	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 32000	32000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	97000	97000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 6400	6400	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 3900	3900	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1500	1500	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 3800	3800	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 2000	2000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 3700	3700	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	6400	6400	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	< 2000	2000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	19	19	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	110	110	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	14000	14000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	29000	29000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	280	280	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	35	35	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	270	270	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 130	130	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	12000	12000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	170	170	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	44	44	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	99	99	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	430	430	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 530	530	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	3000	3000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 110	110	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 34	34	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 65	65	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 63	63	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	18	18	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 63	63	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	26	26	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	38	38	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	97	97	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	46	46	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	< 45	45	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	< 45	45	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 85	85	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	< 45	45	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 110	110	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 83	83	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 350	350	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 71	71	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 43	43	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 42	42	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 41	41	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	< 22	22	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	< 22	22	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	110000	110000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	14000	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 2300	2300	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	20000	20000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	1300000	1300000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	1800000	1800000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	2100	2100	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	620000	620000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 9000	9000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	500000	500000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 11000	11000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 8700	8700	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 37000	37000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	570000	570000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 7500	7500	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 4600	4600	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2300	2300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 4400	4400	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	1100	1100	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 4300	4300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	120000	120000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	32000	32000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	2200000	2200000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	3000000	3000000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	90000	90000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	1300	1300	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	13000	13000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	1200000	1200000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	1400000	1400000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	1700000	1700000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	410000	410000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 10000	10000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	310000	310000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 13000	13000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 9700	9700	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 42000	42000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	570000	570000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 8300	8300	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 5100	5100	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	6900	6900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 2600	2600	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	100000	100000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	19000	19000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	2800000	2800000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	100-41-4	Ethylbenzene	98000	98000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	100-42-5	Styrene	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	106-93-4	1,2-Dibromoethane	1600	1600	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	106-99-0	1,3-Butadiene	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	15000	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	108-88-3	Toluene	1300000	1300000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	109-99-9	Tetrahydrofuran	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	110-54-3	Hexane	1500000	1500000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	110-82-7	Cyclohexane	1700000	1700000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	115-07-1	Propylene (propene)	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	123-91-1	1,4-Dioxane	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	124-48-1	Dibromochloromethane	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	127-18-4	Tetrachloroethene	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	1330-20-7	Xylenes, total	450000	450000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	141-78-6	Ethyl acetate	< 9700	9700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	179601-23-1	m- & p-Xylenes	340000	340000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	56-23-5	Carbon tetrachloride	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	591-78-6	2-Hexanone	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	64-17-5	Ethanol	< 12000	12000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	67-63-0	Isopropyl alcohol	< 9400	9400	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	67-64-1	Acetone	< 40000	40000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	67-66-3	Chloroform	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	71-43-2	Benzene	590000	590000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	74-87-3	Chloromethane	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-00-3	Chloroethane	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-01-4	Vinyl chloride	< 2500	2500	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-09-2	Methylene chloride	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-15-0	Carbon disulfide	< 8000	8000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-25-2	Bromoform	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-27-4	Bromodichloromethane	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 4900	4900	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2500	2500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	78-93-3	2-Butanone	< 4800	4800	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	79-01-6	Trichloroethene	1400	1400	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	91-20-3	Naphthalene	4500	4500	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	95-47-6	o-Xylene	110000	110000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	23000	23000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	NONE	P2102357	142-82-5	n-Heptane	2800000	2800000	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	4.1	4.1	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	11	11	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	12	12	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	13	13	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	17	17	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	18	18	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	7.6	7.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	2.2	2.2	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	44	44	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 3	3	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	31	31	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	31	31	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	13	13	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	19	19	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	14	14	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	3.9	3.9	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	2.2	2.2	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	15	15	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	5.1	5.1	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	74	74	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	5.3	5.3	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 0.78	0.78	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	6.3	6.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	13	13	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	32	32	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	100-41-4	Ethylbenzene	8.1	8.1	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	100-42-5	Styrene	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	15	15	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	108-88-3	Toluene	33	33	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	109-99-9	Tetrahydrofuran	24	24	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	110-54-3	Hexane	71	71	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	110-82-7	Cyclohexane	37	37	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	115-07-1	Propylene (propene)	1.5	1.5	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	127-18-4	Tetrachloroethene	2.2	2.2	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	1330-20-7	Xylenes, total	77	77	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	142-82-5	n-Heptane	84	84	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	179601-23-1	m- & p-Xylenes	57	57	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	591-78-6	2-Hexanone	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	64-17-5	Ethanol	15	15	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	67-63-0	Isopropyl alcohol	< 2.7	2.7	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	67-64-1	Acetone	7.7	7.7	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	67-66-3	Chloroform	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	71-43-2	Benzene	14	14	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-15-0	Carbon disulfide	2.4	2.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-25-2	Bromoform	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-69-4	Trichlorofluoromethane	15	15	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	75-71-8	Dichlorodifluoromethane	5.2	5.2	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	75	75	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	78-93-3	2-Butanone	7.5	7.5	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	79-01-6	Trichloroethene	< 0.74	0.74	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	91-20-3	Naphthalene	13	13	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	95-47-6	o-Xylene	20	20	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	49	49	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	2.2	2.2	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	5.9	5.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	3.5	3.5	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	1.4	1.4	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	13	13	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	280	280	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	5	5	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	2.3	2.3	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	12	12	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 10	10	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	8	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	8.5	8.5	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	20	20	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 9.7	9.7	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 41	41	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	2.7	2.7	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 8.3	8.3	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 4.9	4.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 5.1	5.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	9.5	9.5	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	7.5	7.5	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	120	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	5.4	5.4	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 2.6	2.6	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	2.9	2.9	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	3.3	3.3	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	8.9	8.9	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	2600	2600	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	5300	5300	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	66000	66000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	1200000	1200000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	13000	13000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	18000	18000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 7500	7500	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	980000	980000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	12000	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 9600	9600	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 7300	7300	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 31000	31000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	56000	56000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 6300	6300	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 3800	3800	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 3700	3700	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 3600	3600	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	5500	5500	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	< 2000	2000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	1000000	1000000	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	5.5	5.5	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	32	32	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	21	21	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	88	88	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	5800	5800	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	8500	8500	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	32	32	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	12	12	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	87	87	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 37	37	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	3100	3100	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	40	40	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	37	37	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	< 47	47	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 36	36	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 150	150	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	270	270	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 31	31	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 9.6	9.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 19	19	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	5.5	5.5	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	24	24	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	800	800	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 9.6	9.6	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 18	18	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	48	48	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	5.7	5.7	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	12	12	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	0.31	0.31	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	11	11	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	82	82	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	0.43	0.43	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	10	10	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	7.7	7.7	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	52	52	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	1.8	1.8	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	87	87	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	31	31	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	27	27	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	66	66	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	26	26	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	13	13	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	140	140	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	27	27	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	8.4	8.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	7	7	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	5.6	5.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	20	20	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	100	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	3.6	3.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	17	17	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	1.5	1.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	21	21	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	33	33	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	8.7	8.7	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	7.7	7.7	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	59	59	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	0.6	0.6	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	7.8	7.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	4.4	4.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	2.2	2.2	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	2	2	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	64	64	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	3.1	3.1	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	21	21	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	49	49	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	25	25	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	7.9	7.9	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	3.1	3.1	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	14	14	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	2.4	2.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	6.4	6.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	2	2	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	5.7	5.7	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	22	22	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	99	99	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	3.8	3.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 0.82	0.82	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	6.1	6.1	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	15	15	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	27	27	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	100-41-4	Ethylbenzene	8.7	8.7	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	100-42-5	Styrene	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	7.6	7.6	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	108-88-3	Toluene	64	64	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	109-99-9	Tetrahydrofuran	0.91	0.91	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	110-54-3	Hexane	7.8	7.8	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	110-82-7	Cyclohexane	5.1	5.1	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	115-07-1	Propylene (propene)	270	270	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.75	0.75	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	127-18-4	Tetrachloroethene	2	2	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	1330-20-7	Xylenes, total	63	63	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	141-78-6	Ethyl acetate	110	110	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	142-82-5	n-Heptane	23	23	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	179601-23-1	m- & p-Xylenes	48	48	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	56-23-5	Carbon tetrachloride	23	23	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	591-78-6	2-Hexanone	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	64-17-5	Ethanol	16	16	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	67-63-0	Isopropyl alcohol	850	850	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	67-64-1	Acetone	29	29	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	67-66-3	Chloroform	2.4	2.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	71-43-2	Benzene	6.6	6.6	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-01-4	Vinyl chloride	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-15-0	Carbon disulfide	10	10	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-25-2	Bromoform	< 1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-69-4	Trichlorofluoromethane	5.3	5.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	75-71-8	Dichlorodifluoromethane	20	20	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	90	90	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	78-93-3	2-Butanone	1.4	1.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	79-01-6	Trichloroethene	< 0.75	0.75	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	91-20-3	Naphthalene	7.6	7.6	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	95-47-6	o-Xylene	15	15	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	27	27	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	8000	8000	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	18000	18000	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	130000	130000	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	710	710	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	4400	4400	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 2300	2300	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	460	460	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	1200	1200	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	3400	3400	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 2200	2200	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	< 9400	9400	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	330000	330000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 1900	1900	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	500	500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 590	590	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 1100	1100	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	3200	3200	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	< 590	590	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	2.4	2.4	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	100-42-5	Styrene	< 3.1	3.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	1.3	1.3	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 3.1	3.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	2.3	2.3	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	108-88-3	Toluene	18	18	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	1.5	1.5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	110-54-3	Hexane	36	36	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	110-82-7	Cyclohexane	240	240	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	9.7	9.7	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 3.1	3.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	1.7	1.7	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	18	18	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 6.2	6.2	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	142-82-5	n-Heptane	20	20	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	11	11	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	61	61	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	64-17-5	Ethanol	6.7	6.7	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	4.9	4.9	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	67-64-1	Acetone	20	20	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	67-66-3	Chloroform	8.4	8.4	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	71-43-2	Benzene	92	92	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	74-87-3	Chloromethane	1.1	1.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 3.1	3.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 3.1	3.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	12	12	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-25-2	Bromoform	< 3.1	3.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 1.6	1.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 3.2	3.2	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	13	13	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	39	39	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	130	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	78-93-3	2-Butanone	6.3	6.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	79-01-6	Trichloroethene	0.74	0.74	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 3	3	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	95-47-6	o-Xylene	7.1	7.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	5.1	5.1	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	2400	2400	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	100-42-5	Styrene	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	108-88-3	Toluene	39000	39000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	110-82-7	Cyclohexane	500000	500000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	1500	1500	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	5100	5100	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 2700	2700	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	4100	4100	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	64-17-5	Ethanol	< 3500	3500	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 2600	2600	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	67-64-1	Acetone	< 11000	11000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	67-66-3	Chloroform	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	71-43-2	Benzene	31000	31000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 2300	2300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1400	1400	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 1300	1300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	95-47-6	o-Xylene	1000	1000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	< 710	710	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	110-54-3	Hexane	580000	580000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	NONE	P2102357	142-82-5	n-Heptane	450000	450000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	680	680	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	100-42-5	Styrene	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	108-88-3	Toluene	39000	39000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	110-82-7	Cyclohexane	470000	470000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	5400	5400	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 2000	2000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	142-82-5	n-Heptane	310000	310000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	4200	4200	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	64-17-5	Ethanol	< 2600	2600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 2000	2000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	67-64-1	Acetone	< 8400	8400	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	67-66-3	Chloroform	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	71-43-2	Benzene	39000	39000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 1700	1700	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-25-2	Bromoform	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1000	1000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	78-93-3	2-Butanone	< 990	990	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 960	960	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	95-47-6	o-Xylene	1200	1200	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	< 530	530	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	NONE	P2102357	110-54-3	Hexane	410000	410000	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	2.6	2.6	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	100-42-5	Styrene	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	1.3	1.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	108-88-3	Toluene	35	35	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	0.51	0.51	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	110-54-3	Hexane	60	60	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	110-82-7	Cyclohexane	47	47	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	1	1	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	17	17	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	142-82-5	n-Heptane	130	130	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	13	13	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	7.9	7.9	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	64-17-5	Ethanol	6.1	6.1	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	< 2.7	2.7	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	67-64-1	Acetone	9.8	9.8	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	67-66-3	Chloroform	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	71-43-2	Benzene	10	10	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 2.3	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-25-2	Bromoform	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	5.1	5.1	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	4.8	4.8	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	36	36	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	78-93-3	2-Butanone	2.2	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	79-01-6	Trichloroethene	1.8	1.8	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	91-20-3	Naphthalene	2	2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	95-47-6	o-Xylene	3.9	3.9	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	3.7	3.7	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	280000	280000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	100-42-5	Styrene	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	40000	40000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	28000	28000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	11000	11000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	110-54-3	Hexane	3300000	3300000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	110-82-7	Cyclohexane	4400000	4400000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	11000	11000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	830000	830000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 21000	21000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	660000	660000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	64-17-5	Ethanol	38000	38000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	150000	150000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	67-64-1	Acetone	1700000	1700000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	67-66-3	Chloroform	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	71-43-2	Benzene	1200000	1200000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 17000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-25-2	Bromoform	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 5400	5400	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 11000	11000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 10000	10000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	78-93-3	2-Butanone	320000	320000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 5400	5400	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 9900	9900	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	95-47-6	o-Xylene	170000	170000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	20000	20000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	108-88-3	Toluene	4000000	4000000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	NONE	P2102357	142-82-5	n-Heptane	5500000	5500000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	12000	12000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	100-42-5	Styrene	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	2100	2100	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	450	450	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	108-88-3	Toluene	280000	280000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	110-82-7	Cyclohexane	440000	440000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	9000	9000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	42000	42000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 1900	1900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	34000	34000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	64-17-5	Ethanol	< 2400	2400	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	840	840	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	67-64-1	Acetone	44000	44000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	67-66-3	Chloroform	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	71-43-2	Benzene	140000	140000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-09-2	Methylene chloride	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 1600	1600	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-25-2	Bromoform	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 960	960	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 930	930	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	78-93-3	2-Butanone	4200	4200	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 500	500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 900	900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	95-47-6	o-Xylene	8100	8100	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	760	760	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	110-54-3	Hexane	340000	340000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	NONE	P2102357	142-82-5	n-Heptane	380000	380000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	100-41-4	Ethylbenzene	7500	7500	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	100-42-5	Styrene	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	106-93-4	1,2-Dibromoethane	620	620	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	106-99-0	1,3-Butadiene	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	107-06-2	1,2-Dichloroethane	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	108-10-1	4-Methyl-2-pentanone	550	550	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	108-67-8	1,3,5-Trimethylbenzene	950	950	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	108-88-3	Toluene	85000	85000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	109-99-9	Tetrahydrofuran	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	110-82-7	Cyclohexane	120000	120000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	115-07-1	Propylene (propene)	5000	5000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	120-82-1	1,2,4-Trichlorobenzene	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	123-91-1	1,4-Dioxane	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	124-48-1	Dibromochloromethane	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	127-18-4	Tetrachloroethene	85	85	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	1330-20-7	Xylenes, total	26000	26000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	141-78-6	Ethyl acetate	< 620	620	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	179601-23-1	m- & p-Xylenes	20000	20000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	56-23-5	Carbon tetrachloride	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	591-78-6	2-Hexanone	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	64-17-5	Ethanol	4700	4700	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	67-63-0	Isopropyl alcohol	2900	2900	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	67-64-1	Acetone	97000	97000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	67-66-3	Chloroform	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	71-43-2	Benzene	43000	43000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	74-87-3	Chloromethane	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-00-3	Chloroethane	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-01-4	Vinyl chloride	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-09-2	Methylene chloride	280	280	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-15-0	Carbon disulfide	< 520	520	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-25-2	Bromoform	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-27-4	Bromodichloromethane	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-34-3	1,1-Dichloroethane	< 320	320	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-69-4	Trichlorofluoromethane	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	75-71-8	Dichlorodifluoromethane	< 310	310	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	130	130	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	78-93-3	2-Butanone	10000	10000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	79-01-6	Trichloroethene	< 160	160	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	91-20-3	Naphthalene	< 300	300	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	95-47-6	o-Xylene	5600	5600	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	95-63-6	1,2,4-Trimethylbenzene	2100	2100	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	110-54-3	Hexane	130000	130000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	NONE	P2102357	142-82-5	n-Heptane	130000	130000	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	108-88-3	Toluene	840	840	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	110-82-7	Cyclohexane	1200	1200	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	100-41-4	Ethylbenzene	110	110	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	100-42-5	Styrene	0.65	0.65	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	106-93-4	1,2-Dibromoethane	6.8	6.8	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	107-06-2	1,2-Dichloroethane	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	108-10-1	4-Methyl-2-pentanone	0.49	0.49	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	108-67-8	1,3,5-Trimethylbenzene	29	29	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	109-99-9	Tetrahydrofuran	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	110-54-3	Hexane	320	320	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	115-07-1	Propylene (propene)	5.5	5.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	123-91-1	1,4-Dioxane	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	124-48-1	Dibromochloromethane	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	127-18-4	Tetrachloroethene	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	1330-20-7	Xylenes, total	310	310	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	142-82-5	n-Heptane	160	160	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	179601-23-1	m- & p-Xylenes	190	190	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	56-23-5	Carbon tetrachloride	0.78	0.78	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	591-78-6	2-Hexanone	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	64-17-5	Ethanol	32	32	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	67-63-0	Isopropyl alcohol	5.3	5.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	67-64-1	Acetone	24	24	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	67-66-3	Chloroform	0.6	0.6	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	71-43-2	Benzene	260	260	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-01-4	Vinyl chloride	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-15-0	Carbon disulfide	1.7	1.7	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-27-4	Bromodichloromethane	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	75-71-8	Dichlorodifluoromethane	2.3	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	3.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	78-93-3	2-Butanone	14	14	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	79-01-6	Trichloroethene	< 0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	91-20-3	Naphthalene	5.3	5.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	95-47-6	o-Xylene	120	120	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	NONE	P2102359	95-63-6	1,2,4-Trimethylbenzene	26	26	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	100-41-4	Ethylbenzene	91	91	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	100-42-5	Styrene	0.73	0.73	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	106-93-4	1,2-Dibromoethane	6.6	6.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	108-10-1	4-Methyl-2-pentanone	0.59	0.59	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	108-67-8	1,3,5-Trimethylbenzene	28	28	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	109-99-9	Tetrahydrofuran	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	110-54-3	Hexane	360	360	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	115-07-1	Propylene (propene)	170	170	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	127-18-4	Tetrachloroethene	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	1330-20-7	Xylenes, total	270	270	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	142-82-5	n-Heptane	180	180	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	179601-23-1	m- & p-Xylenes	170	170	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	56-23-5	Carbon tetrachloride	0.76	0.76	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	591-78-6	2-Hexanone	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	64-17-5	Ethanol	33	33	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	67-64-1	Acetone	32	32	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	67-66-3	Chloroform	0.54	0.54	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	71-43-2	Benzene	210	210	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	74-87-3	Chloromethane	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	75-71-8	Dichlorodifluoromethane	1.3	1.3	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.6	3.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	78-93-3	2-Butanone	11	11	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	79-01-6	Trichloroethene	< 0.79	0.79	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	91-20-3	Naphthalene	9.5	9.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	95-47-6	o-Xylene	100	100	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	95-63-6	1,2,4-Trimethylbenzene	39	39	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	108-88-3	Toluene	700	700	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	110-82-7	Cyclohexane	1300	1300	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	NONE	P2102359	67-63-0	Isopropyl alcohol	1600	1600	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	100-41-4	Ethylbenzene	58	58	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	106-93-4	1,2-Dibromoethane	12	12	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	107-06-2	1,2-Dichloroethane	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	108-10-1	4-Methyl-2-pentanone	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	109-99-9	Tetrahydrofuran	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	115-07-1	Propylene (propene)	4	4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	123-91-1	1,4-Dioxane	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	124-48-1	Dibromochloromethane	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	127-18-4	Tetrachloroethene	0.55	0.55	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	1330-20-7	Xylenes, total	170	170	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	141-78-6	Ethyl acetate	16	16	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	142-82-5	n-Heptane	320	320	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	179601-23-1	m- & p-Xylenes	120	120	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	56-23-5	Carbon tetrachloride	1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	591-78-6	2-Hexanone	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	64-17-5	Ethanol	24	24	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	67-63-0	Isopropyl alcohol	37	37	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	67-64-1	Acetone	10	10	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	67-66-3	Chloroform	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	71-43-2	Benzene	160	160	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-01-4	Vinyl chloride	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-15-0	Carbon disulfide	0.97	0.97	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-27-4	Bromodichloromethane	< 0.73	0.73	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-69-4	Trichlorofluoromethane	0.98	0.98	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	75-71-8	Dichlorodifluoromethane	< 1.4	1.4	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.9	7.9	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	78-93-3	2-Butanone	6	6	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	79-01-6	Trichloroethene	< 0.73	0.73	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	91-20-3	Naphthalene	2.7	2.7	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	95-47-6	o-Xylene	56	56	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	95-63-6	1,2,4-Trimethylbenzene	17	17	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	108-88-3	Toluene	420	420	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	110-54-3	Hexane	440	440	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	NONE	P2102359	110-82-7	Cyclohexane	2800	2800	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	100-41-4	Ethylbenzene	88	88	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	100-42-5	Styrene	0.44	0.44	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	106-93-4	1,2-Dibromoethane	17	17	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	106-99-0	1,3-Butadiene	< 1.2	1.2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	107-06-2	1,2-Dichloroethane	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	108-10-1	4-Methyl-2-pentanone	3.1	3.1	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	109-99-9	Tetrahydrofuran	0.26	0.26	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	110-54-3	Hexane	27	27	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	110-82-7	Cyclohexane	64	64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	115-07-1	Propylene (propene)	53	53	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	120-82-1	1,2,4-Trichlorobenzene	< 1.2	1.2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	123-91-1	1,4-Dioxane	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	124-48-1	Dibromochloromethane	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	127-18-4	Tetrachloroethene	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	1330-20-7	Xylenes, total	320	320	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	141-78-6	Ethyl acetate	< 2.4	2.4	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	142-82-5	n-Heptane	89	89	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	179601-23-1	m- & p-Xylenes	250	250	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	56-23-5	Carbon tetrachloride	0.28	0.28	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	591-78-6	2-Hexanone	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	64-17-5	Ethanol	28	28	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	67-63-0	Isopropyl alcohol	160	160	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	67-64-1	Acetone	330	330	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	67-66-3	Chloroform	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	71-43-2	Benzene	200	200	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	74-87-3	Chloromethane	0.38	0.38	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-00-3	Chloroethane	< 1.2	1.2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-01-4	Vinyl chloride	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-09-2	Methylene chloride	< 1.2	1.2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-15-0	Carbon disulfide	2.6	2.6	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-25-2	Bromoform	< 1.2	1.2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-27-4	Bromodichloromethane	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-34-3	1,1-Dichloroethane	< 1.2	1.2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-69-4	Trichlorofluoromethane	0.84	0.84	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	75-71-8	Dichlorodifluoromethane	1.6	1.6	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	0.41	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	78-93-3	2-Butanone	62	62	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	79-01-6	Trichloroethene	< 0.64	0.64	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	91-20-3	Naphthalene	11	11	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	95-47-6	o-Xylene	71	71	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	95-63-6	1,2,4-Trimethylbenzene	37	37	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	NONE	P2102359	108-88-3	Toluene	930	930	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	70000	70000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	5400	5400	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	11000	11000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	830000	830000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	3700000	3700000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	2700000	2700000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	8100	8100	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	140000	140000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 26000	26000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	1400000	1400000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	110000	110000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	120000	120000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	130000	130000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	2300000	2300000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	950000	950000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 21000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 13000	13000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	300000	300000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 6700	6700	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 12000	12000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	36000	36000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	32000	32000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	45000	45000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	5500	5500	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	690000	690000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	3100000	3100000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	2100000	2100000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	6400	6400	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	90000	90000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 26000	26000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	1200000	1200000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	69000	69000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	91000	91000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	98000	98000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	1700000	1700000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	720000	720000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 22000	22000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 13000	13000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	230000	230000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 6800	6800	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 12000	12000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	21000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	17000	17000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	940	940	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	42000	42000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	320000	320000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	4800	4800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2200	2200	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	2400	2400	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	< 2800	2800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	< 2100	2100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 9000	9000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	63000	63000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 560	560	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 1800	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	< 1100	1100	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 560	560	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 1000	1000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	4800	4800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	< 560	560	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1900	1900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	1800	1800	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	130000	130000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	340000	340000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1400	1400	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	10000	10000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 1900	1900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	91000	91000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	2900	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	< 2400	2400	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	< 1800	1800	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 7700	7700	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	40000	40000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 1500	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 950	950	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	320	320	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	< 920	920	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 490	490	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 890	890	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	7500	7500	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106119-350	SV119-350-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	1600	1600	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	7.5	7.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	16	16	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	59	59	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	1.3	1.3	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	96	96	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	380	380	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1.9	1.9	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	140	140	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	1.8	1.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	200	200	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	120	120	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	0.61	0.61	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	4.3	4.3	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	1.2	1.2	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 13	13	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	0.78	0.78	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	23	23	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	0.98	0.98	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	16	16	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	2.1	2.1	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	1.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	2.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 0.82	0.82	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	23	23	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	7	7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	3.3	3.3	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	2.7	2.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	0.95	0.95	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1.8	1.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	2.1	2.1	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	8.2	8.2	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	0.6	0.6	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	6.1	6.1	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	5.4	5.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	7.4	7.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	12	12	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	8.4	8.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	120	120	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	0.58	0.58	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.8	0.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 2.5	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	9.2	9.2	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	0.99	0.99	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	1.8	1.8	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	26	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	1.9	1.9	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	14	14	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	3.1	3.1	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	2.1	2.1	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	14	14	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	0.53	0.53	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.8	0.8	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.8	0.8	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.8	0.8	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1.2	1.2	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	1.6	1.6	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	5.1	5.1	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.8	0.8	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	1	1	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	5.6	5.6	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	3.6	3.6	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	2.7	2.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	17	17	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.7	0.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	19	19	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	1.8	1.8	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	7.7	7.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	0.48	0.48	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.8	0.8	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	0.84	0.84	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	1.4	1.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	56	56	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	1.9	1.9	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	0.47	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	7.3	7.3	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	1.7	1.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	1.6	1.6	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	0.87	0.87	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	5.3	5.3	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	490	490	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	0.44	0.44	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1.1	1.1	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	1.2	1.2	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	19	19	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	3.6	3.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	2.8	2.8	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	3.2	3.2	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	2.3	2.3	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	14	14	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.8	0.8	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	25	25	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	3.3	3.3	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	14	14	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	38	38	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	0.5	0.5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	5.5	5.5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	2.2	2.2	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	0.88	0.88	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	8.4	8.4	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 0.85	0.85	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	1.2	1.2	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	0.82	0.82	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	4.5	4.5	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	0.45	0.45	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	0.9	0.9	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	1.7	1.7	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	29	29	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.4	1.4	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	57	57	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	0.27	0.27	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	3	3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.6	2.6	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	2.3	2.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	2.2	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.64	0.64	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	21	21	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	410	410	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	11	11	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	1.1	1.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	0.59	0.59	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	0.53	0.53	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	2.2	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	0.44	0.44	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	6.6	6.6	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 0.69	0.69	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	1.3	1.3	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	0.73	0.73	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	3.9	3.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 11	11	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	3.7	3.7	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	10	10	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	63	63	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	6.4	6.4	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 22	22	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	6.4	6.4	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	32	32	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	16	16	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 93	93	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	7.7	7.7	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 19	19	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	6.8	6.8	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	3.5	3.5	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 11	11	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	< 5.9	5.9	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	9.2	9.2	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	950	950	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	3500	3500	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 140	140	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	< 290	290	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 550	550	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	< 290	290	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	< 700	700	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	< 530	530	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 2300	2300	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	< 450	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 280	280	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	< 270	270	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 260	260	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	< 140	140	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	< 140	140	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	2.4	2.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	3.2	3.2	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	108-88-3	Toluene	13	13	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	1.3	1.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	110-54-3	Hexane	1.7	1.7	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	110-82-7	Cyclohexane	1.1	1.1	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1.2	1.2	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	0.74	0.74	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	18	18	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	142-82-5	n-Heptane	4.1	4.1	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	14	14	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	2.1	2.1	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	591-78-6	2-Hexanone	1.1	1.1	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	64-17-5	Ethanol	24	24	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	3.3	3.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	67-64-1	Acetone	7.9	7.9	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	67-66-3	Chloroform	0.43	0.43	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	71-43-2	Benzene	3.6	3.6	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	2.1	2.1	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1	1	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	3.4	3.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2	2	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	78-93-3	2-Butanone	5.9	5.9	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 0.75	0.75	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	91-20-3	Naphthalene	3.4	3.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	95-47-6	o-Xylene	4.8	4.8	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	1.3	1.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.77	0.77	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.77	0.77	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	0.57	0.57	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1.8	1.8	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	108-88-3	Toluene	7.4	7.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	2.3	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	110-54-3	Hexane	1.3	1.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.77	0.77	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.77	0.77	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	0.81	0.81	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	9.7	9.7	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	142-82-5	n-Heptane	2.8	2.8	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	7.2	7.2	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	2.3	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	591-78-6	2-Hexanone	2.1	2.1	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	64-17-5	Ethanol	48	48	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	3.8	3.8	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	67-64-1	Acetone	16	16	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	67-66-3	Chloroform	0.62	0.62	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	71-43-2	Benzene	2.1	2.1	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	74-87-3	Chloromethane	0.59	0.59	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.77	0.77	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	2.5	2.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.77	0.77	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	3.8	3.8	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.1	2.1	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	78-93-3	2-Butanone	13	13	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	79-01-6	Trichloroethene	< 0.77	0.77	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	91-20-3	Naphthalene	1.6	1.6	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	95-47-6	o-Xylene	2.5	2.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	6.7	6.7	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	3.2	3.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	108-88-3	Toluene	6.4	6.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	0.83	0.83	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	110-54-3	Hexane	1.1	1.1	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	0.91	0.91	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	1.7	1.7	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	13	13	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	142-82-5	n-Heptane	2.3	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	9.1	9.1	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	3.7	3.7	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.81	0.81	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	64-17-5	Ethanol	25	25	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	1.8	1.8	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	67-64-1	Acetone	6.8	6.8	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	67-66-3	Chloroform	0.97	0.97	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	71-43-2	Benzene	1.8	1.8	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	74-87-3	Chloromethane	0.48	0.48	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	2.5	2.5	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.73	0.73	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	4.8	4.8	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.2	4.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	78-93-3	2-Butanone	6.1	6.1	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	79-01-6	Trichloroethene	2	2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	91-20-3	Naphthalene	3.6	3.6	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	95-47-6	o-Xylene	3.6	3.6	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1.9	1.9	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	108-88-3	Toluene	4.7	4.7	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	0.77	0.77	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	110-54-3	Hexane	0.82	0.82	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	0.93	0.93	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	2.1	2.1	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	8.6	8.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	142-82-5	n-Heptane	1.8	1.8	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	6.2	6.2	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	2.7	2.7	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.94	0.94	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	64-17-5	Ethanol	32	32	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	1.1	1.1	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	67-64-1	Acetone	8.8	8.8	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	67-66-3	Chloroform	0.8	0.8	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	71-43-2	Benzene	1.4	1.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	4.8	4.8	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	0.86	0.86	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	5.3	5.3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.8	3.8	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	78-93-3	2-Butanone	7.8	7.8	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	79-01-6	Trichloroethene	6.4	6.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	91-20-3	Naphthalene	2.3	2.3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	95-47-6	o-Xylene	2.4	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	6.8	6.8	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	0.89	0.89	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1.3	1.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	108-88-3	Toluene	4.9	4.9	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	0.89	0.89	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	110-54-3	Hexane	0.84	0.84	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	5.8	5.8	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	1.6	1.6	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	6.4	6.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	142-82-5	n-Heptane	1.7	1.7	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	4.7	4.7	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.89	0.89	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	64-17-5	Ethanol	28	28	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	24	24	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	67-64-1	Acetone	8.6	8.6	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	67-66-3	Chloroform	0.63	0.63	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	71-43-2	Benzene	1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	8.1	8.1	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.3	1.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	11	11	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	2.5	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	78-93-3	2-Butanone	6.8	6.8	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	79-01-6	Trichloroethene	4.9	4.9	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	91-20-3	Naphthalene	1.5	1.5	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	95-47-6	o-Xylene	1.7	1.7	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	4.5	4.5	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	110	110	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	100-42-5	Styrene	< 30	30	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 30	30	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	150	150	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	108-88-3	Toluene	2400	2400	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	62	62	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	110-54-3	Hexane	540	540	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	110-82-7	Cyclohexane	770	770	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	130	130	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 30	30	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	620	620	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 61	61	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	142-82-5	n-Heptane	520	520	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	380	380	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	64-17-5	Ethanol	< 78	78	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	67	67	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	67-64-1	Acetone	< 260	260	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	67-66-3	Chloroform	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	71-43-2	Benzene	1900	1900	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	74-87-3	Chloromethane	49	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-00-3	Chloroethane	7.5	7.5	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	8.9	8.9	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 30	30	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	260	260	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-25-2	Bromoform	< 30	30	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 31	31	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 30	30	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	11	11	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 16	16	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	78-93-3	2-Butanone	48	48	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	79-01-6	Trichloroethene	13	13	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 29	29	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	95-47-6	o-Xylene	230	230	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	42	42	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	5.5	5.5	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	14	14	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	8.2	8.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	0.84	0.84	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	0.69	0.69	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	3.1	3.1	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	2.3	2.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	42	42	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.7	2.7	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	1.9	1.9	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	31	31	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	0.81	0.81	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	1.2	1.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	24	24	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	17	17	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	11	11	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	0.78	0.78	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	1.2	1.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.3	1.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.71	0.71	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.1	1.1	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	2.7	2.7	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	2.5	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	6.2	6.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	3.7	3.7	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	13	13	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	10	10	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	59	59	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	1.6	1.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.2	1.2	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	4.1	4.1	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	2.9	2.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	49	49	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	2.4	2.4	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	3.3	3.3	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	9.1	9.1	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	1.1	1.1	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.71	0.71	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	31	31	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	350	350	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	15	15	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	0.94	0.94	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	0.63	0.63	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	0.43	0.43	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	0.73	0.73	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	0.92	0.92	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.61	0.61	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	1.2	1.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	3.4	3.4	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4	4	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	5.9	5.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	4.8	4.8	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	4.7	4.7	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	3.1	3.1	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	17	17	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	3.8	3.8	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	3.8	3.8	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	16	16	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	2	2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	160	160	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	18	18	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1400	1400	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 3.3	3.3	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	7.6	7.6	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	21	21	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 13	13	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	64	64	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	14	14	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	27	27	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	< 12	12	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 52	52	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	7.1	7.1	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	4.4	4.4	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 3.3	3.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 6.4	6.4	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 6.2	6.2	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	4.7	4.7	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	7.1	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	9.8	9.8	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	3.6	3.6	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	4.3	4.3	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	6.5	6.5	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	14	14	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	2.6	2.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	2.6	2.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	1.9	1.9	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	3.5	3.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	7.9	7.9	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	8.9	8.9	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	0.52	0.52	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	6.7	6.7	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	1.2	1.2	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	1.4	1.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	43	43	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	18	18	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	14	14	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	0.38	0.38	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	0.61	0.61	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	8.8	8.8	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	0.86	0.86	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	2.3	2.3	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	5.8	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	11	11	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	16	16	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	2.9	2.9	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	2.2	2.2	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	11	11	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	0.77	0.77	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	5.1	5.1	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	5.6	5.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	1.5	1.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	1.6	1.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	4.9	4.9	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	3.7	3.7	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	1	1	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	0.61	0.61	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	23	23	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	2.9	2.9	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	9.6	9.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	0.6	0.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	1.6	1.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	0.63	0.63	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	17	17	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 0.76	0.76	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	0.93	0.93	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	2.6	2.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	6.6	6.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	3.6	3.6	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	1.7	1.7	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	1.2	1.2	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	5.8	5.8	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	100-41-4	Ethylbenzene	59	59	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	100-42-5	Styrene	< 66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	106-99-0	1,3-Butadiene	< 66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	19	19	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	108-88-3	Toluene	1300	1300	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	109-99-9	Tetrahydrofuran	20	20	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	110-54-3	Hexane	350	350	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	110-82-7	Cyclohexane	1300	1300	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	115-07-1	Propylene (propene)	150	150	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	123-91-1	1,4-Dioxane	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	124-48-1	Dibromochloromethane	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	127-18-4	Tetrachloroethene	17	17	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	1330-20-7	Xylenes, total	240	240	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	141-78-6	Ethyl acetate	< 130	130	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	142-82-5	n-Heptane	200	200	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	179601-23-1	m- & p-Xylenes	170	170	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	56-23-5	Carbon tetrachloride	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	591-78-6	2-Hexanone	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	64-17-5	Ethanol	990	990	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	67-63-0	Isopropyl alcohol	80	80	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	67-64-1	Acetone	< 550	550	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	67-66-3	Chloroform	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	71-43-2	Benzene	2600	2600	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	74-87-3	Chloromethane	27	27	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-00-3	Chloroethane	< 66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-01-4	Vinyl chloride	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-09-2	Methylene chloride	67	67	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-15-0	Carbon disulfide	94	94	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-25-2	Bromoform	< 66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-27-4	Bromodichloromethane	< 35	35	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 68	68	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	75-71-8	Dichlorodifluoromethane	24	24	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	65	65	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	78-93-3	2-Butanone	66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	79-01-6	Trichloroethene	19	19	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	91-20-3	Naphthalene	< 64	64	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	95-47-6	o-Xylene	66	66	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	19	19	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	100-41-4	Ethylbenzene	62	62	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	100-42-5	Styrene	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	106-93-4	1,2-Dibromoethane	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	106-99-0	1,3-Butadiene	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	107-06-2	1,2-Dichloroethane	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	108-10-1	4-Methyl-2-pentanone	19	19	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	108-67-8	1,3,5-Trimethylbenzene	12	12	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	108-88-3	Toluene	1300	1300	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	109-99-9	Tetrahydrofuran	21	21	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	110-54-3	Hexane	320	320	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	110-82-7	Cyclohexane	870	870	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	115-07-1	Propylene (propene)	34	34	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	120-82-1	1,2,4-Trichlorobenzene	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	123-91-1	1,4-Dioxane	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	124-48-1	Dibromochloromethane	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	127-18-4	Tetrachloroethene	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	1330-20-7	Xylenes, total	200	200	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	141-78-6	Ethyl acetate	< 54	54	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	142-82-5	n-Heptane	130	130	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	179601-23-1	m- & p-Xylenes	160	160	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	56-23-5	Carbon tetrachloride	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	591-78-6	2-Hexanone	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	64-17-5	Ethanol	45	45	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	67-63-0	Isopropyl alcohol	33	33	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	67-64-1	Acetone	< 230	230	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	67-66-3	Chloroform	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	71-43-2	Benzene	2000	2000	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	74-87-3	Chloromethane	31	31	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-00-3	Chloroethane	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-01-4	Vinyl chloride	5.1	5.1	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-09-2	Methylene chloride	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-15-0	Carbon disulfide	110	110	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-25-2	Bromoform	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-27-4	Bromodichloromethane	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-34-3	1,1-Dichloroethane	< 28	28	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-69-4	Trichlorofluoromethane	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	75-71-8	Dichlorodifluoromethane	< 27	27	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 14	14	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	78-93-3	2-Butanone	83	83	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	79-01-6	Trichloroethene	18	18	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	91-20-3	Naphthalene	< 26	26	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	95-47-6	o-Xylene	45	45	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	NONE	P2102340	95-63-6	1,2,4-Trimethylbenzene	30	30	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	0.34	0.34	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.5	1.5	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	7.1	7.1	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	1.3	1.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 1.5	1.5	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 2.9	2.9	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	< 1.4	1.4	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 1.5	1.5	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	8.3	8.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	0.59	0.59	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	21	21	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	58	58	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	7.1	7.1	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 2.4	2.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	1.8	1.8	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	3.8	3.8	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110	110	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	4.9	4.9	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	< 0.75	0.75	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.75	0.75	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.7	1.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	1.3	1.3	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	4.2	4.2	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 1.7	1.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3.3	3.3	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	42	42	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	0.59	0.59	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	16	16	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	1.5	1.5	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 14	14	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	0.78	0.78	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 2.7	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.7	1.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	4.2	4.2	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	9.3	9.3	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	400	400	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	5.4	5.4	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.6	1.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	< 0.86	0.86	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.86	0.86	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	330	330	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	62	62	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	290	290	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	990	990	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	45	45	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	200	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 240	240	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	25000	25000	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 130	130	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	54	54	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	< 310	310	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 230	230	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 1000	1000	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	1000	1000	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 200	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	500	500	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 120	120	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 110	110	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	200	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 63	63	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	110000	110000	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	150000	150000	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	620000	620000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	830000	830000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	6300	6300	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	770	770	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	2000	2000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 5900	5900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	150000	150000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 3100	3100	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	4700	4700	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 5800	5800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 25000	25000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	4200	4200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 4900	4900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 3000	3000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1100	1100	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 2900	2900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 1600	1600	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 2800	2800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	2000	2000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 1600	1600	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	5.2	5.2	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	2.6	2.6	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	47	47	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	3	3	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	3500	3500	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	190	190	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 11	11	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	15	15	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	79	79	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 22	22	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	170	170	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	20	20	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	86	86	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	53	53	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	420	420	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 91	91	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	14	14	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	14	14	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 11	11	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	20	20	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	8.1	8.1	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2100	2100	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	6.1	6.1	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	7.4	7.4	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 10	10	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	59	59	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 5.7	5.7	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	11000	11000	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	100-41-4	Ethylbenzene	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	100-42-5	Styrene	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	106-99-0	1,3-Butadiene	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	108-88-3	Toluene	39	39	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	109-99-9	Tetrahydrofuran	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	110-54-3	Hexane	3200	3200	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	110-82-7	Cyclohexane	11000	11000	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	115-07-1	Propylene (propene)	110	110	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	123-91-1	1,4-Dioxane	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	124-48-1	Dibromochloromethane	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	127-18-4	Tetrachloroethene	13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	1330-20-7	Xylenes, total	71	71	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	141-78-6	Ethyl acetate	< 50	50	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	142-82-5	n-Heptane	110	110	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	179601-23-1	m- & p-Xylenes	18	18	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	56-23-5	Carbon tetrachloride	72	72	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	591-78-6	2-Hexanone	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	64-17-5	Ethanol	< 64	64	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	67-63-0	Isopropyl alcohol	< 48	48	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	67-64-1	Acetone	< 210	210	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	67-66-3	Chloroform	12	12	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	71-43-2	Benzene	6.3	6.3	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	74-87-3	Chloromethane	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-00-3	Chloroethane	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-01-4	Vinyl chloride	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-09-2	Methylene chloride	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-15-0	Carbon disulfide	15	15	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-25-2	Bromoform	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-27-4	Bromodichloromethane	< 13	13	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-69-4	Trichlorofluoromethane	17	17	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1800	1800	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	78-93-3	2-Butanone	< 25	25	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	79-01-6	Trichloroethene	5.8	5.8	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	91-20-3	Naphthalene	< 24	24	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	95-47-6	o-Xylene	53	53	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 13	13	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	0.96	0.96	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	2.8	2.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	1	1	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	68	68	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	7	7	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	79	79	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	140	140	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	3.7	3.7	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	10	10	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	12	12	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	58	58	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	6.4	6.4	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	32	32	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	20	20	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	2.1	2.1	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 13	13	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	2.1	2.1	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	15	15	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	5.9	5.9	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	1.8	1.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	2.2	2.2	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	27	27	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	1.2	1.2	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	5.6	5.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	3.3	3.3	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	5.8	5.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	2.7	2.7	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	5.8	5.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.81	0.81	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	580	580	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	1.1	1.1	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	1.4	1.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	0.64	0.64	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	1.4	1.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	14	14	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	17	17	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	5.5	5.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 13	13	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	8.2	8.2	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	0.49	0.49	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	1.2	1.2	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	3.9	3.9	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	12	12	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	62	62	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	0.72	0.72	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	< 0.79	0.79	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	0.49	0.49	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	1.3	1.3	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	1.4	1.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	5.5	5.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	0.58	0.58	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	1.4	1.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	1.8	1.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	0.46	0.46	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	1.3	1.3	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	21	21	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	0.37	0.37	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	13	13	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	1.3	1.3	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	8.6	8.6	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	11	11	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	0.64	0.64	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	2.4	2.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	4.3	4.3	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	14	14	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	69	69	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	3.6	3.6	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	0.49	0.49	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	0.64	0.64	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	0.45	0.45	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	0.36	0.36	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	5.4	5.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	4.8	4.8	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	0.48	0.48	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	0.49	0.49	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	28	28	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	1.8	1.8	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	5.1	5.1	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	0.65	0.65	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	6.1	6.1	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	0.98	0.98	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	18	18	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	1.7	1.7	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	18	18	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	1.5	1.5	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	1	1	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	2	2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	7.4	7.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	2.6	2.6	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	12	12	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	23	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	4.3	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.72	0.72	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.3	1.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	0.4	0.4	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.72	0.72	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	1.2	1.2	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	0.38	0.38	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	0.46	0.46	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	26	26	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	3	3	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	2.5	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	4.6	4.6	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	3.2	3.2	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	4.6	4.6	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	81	81	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	2.8	2.8	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	22	22	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	20	20	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	10	10	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	40	40	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	13	13	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	0.59	0.59	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.5	1.5	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	31	31	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	3.6	3.6	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	11	11	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	58	58	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	7.3	7.3	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.79	0.79	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.4	1.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	1.8	1.8	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.79	0.79	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	7	7	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	0.54	0.54	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	1.6	1.6	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	60	60	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	0.76	0.76	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	1.3	1.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	2.9	2.9	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	1	1	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	2.7	2.7	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	28	28	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 2.8	2.8	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	3.1	3.1	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	20	20	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	14	14	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	4	4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 2.7	2.7	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	8.5	8.5	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	12	12	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	4.9	4.9	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.74	0.74	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	5	5	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	26	26	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29	29	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	1.4	1.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	0.99	0.99	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	1	1	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	7.9	7.9	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	4.8	4.8	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	100000	100000	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	210000	210000	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	110000	110000	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	1500	1500	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	1200	1200	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	18000	18000	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	730	730	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	69	69	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	15000	15000	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 590	590	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	9100	9100	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	< 760	760	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 580	580	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 2500	2500	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	17000	17000	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 490	490	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 300	300	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	120	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 290	290	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 160	160	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 280	280	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	6100	6100	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	940	940	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	110-54-3	Hexane	130000	130000	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	110-82-7	Cyclohexane	250000	250000	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	142-82-5	n-Heptane	130000	130000	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	100-41-4	Ethylbenzene	1500	1500	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	100-42-5	Styrene	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	106-99-0	1,3-Butadiene	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	1100	1100	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	108-88-3	Toluene	19000	19000	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	109-99-9	Tetrahydrofuran	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	115-07-1	Propylene (propene)	1200	1200	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	123-91-1	1,4-Dioxane	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	124-48-1	Dibromochloromethane	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	127-18-4	Tetrachloroethene	63	63	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	1330-20-7	Xylenes, total	16000	16000	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	141-78-6	Ethyl acetate	< 560	560	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	179601-23-1	m- & p-Xylenes	9300	9300	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	56-23-5	Carbon tetrachloride	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	591-78-6	2-Hexanone	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	64-17-5	Ethanol	< 710	710	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	67-63-0	Isopropyl alcohol	< 540	540	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	67-64-1	Acetone	< 2300	2300	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	67-66-3	Chloroform	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	71-43-2	Benzene	19000	19000	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	74-87-3	Chloromethane	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-00-3	Chloroethane	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-01-4	Vinyl chloride	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-09-2	Methylene chloride	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-15-0	Carbon disulfide	< 460	460	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-25-2	Bromoform	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-27-4	Bromodichloromethane	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 280	280	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	120	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	78-93-3	2-Butanone	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	79-01-6	Trichloroethene	< 150	150	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	91-20-3	Naphthalene	< 270	270	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	95-47-6	o-Xylene	6200	6200	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	740	740	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	0.63	0.63	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	1.2	1.2	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	0.41	0.41	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	0.88	0.88	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	0.38	0.38	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	0.97	0.97	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3.2	3.2	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	0.58	0.58	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 1.7	1.7	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	10	10	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	1.6	1.6	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	26	26	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	1.7	1.7	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	11	11	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	0.91	0.91	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	1.9	1.9	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	3.9	3.9	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	5.4	5.4	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33	33	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	6.2	6.2	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.85	0.85	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	0.97	0.97	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.85	0.85	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 0.81	0.81	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	1.2	1.2	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	0.4	0.4	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	1.2	1.2	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	28	28	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	2.1	2.1	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	1.3	1.3	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	6.1	6.1	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	0.78	0.78	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	0.49	0.49	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 1.6	1.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	1.2	1.2	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 1.6	1.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	13	13	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	2.4	2.4	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	9.1	9.1	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	3.5	3.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	230	230	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	1.2	1.2	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	0.47	0.47	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	4.7	4.7	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	0.58	0.58	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	1.6	1.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	2.7	2.7	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	5	5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	6.6	6.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	49	49	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	29	29	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	7.4	7.4	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 1.5	1.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	0.53	0.53	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 0.81	0.81	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	170	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	3800	3800	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	25	25	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	12	12	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 58	58	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	85	85	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	110	110	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 58	58	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	15	15	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	< 140	140	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	410	410	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 460	460	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	20	20	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	63	63	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 57	57	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 55	55	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	69	69	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	36	36	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 53	53	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	< 29	29	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 29	29	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 300	300	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	9500	9500	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	310000	310000	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	780	780	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	130	130	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 610	610	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 1200	1200	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	470	470	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 610	610	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	< 1500	1500	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 1100	1100	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 4800	4800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 970	970	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 590	590	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 570	570	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 550	550	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	< 300	300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 300	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	4600	4600	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	44000	44000	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 97	97	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	47	47	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	< 190	190	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	270	270	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 190	190	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	4200	4200	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	170	170	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 1500	1500	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	200	200	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 310	310	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 190	190	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	59	59	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	120	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 180	180	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	< 97	97	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 97	97	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	67-64-1	Acetone	< 23	23	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	100-42-5	Styrene	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	13	13	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	108-88-3	Toluene	120	120	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	13	13	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	110-54-3	Hexane	3600	3600	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	110-82-7	Cyclohexane	16000	16000	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	47	47	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	34	34	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 63	63	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	142-82-5	n-Heptane	17	17	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	< 33	33	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	46	46	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	64-17-5	Ethanol	< 81	81	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 61	61	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	67-64-1	Acetone	< 260	260	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	67-66-3	Chloroform	< 16	16	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	71-43-2	Benzene	130	130	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	74-87-3	Chloromethane	13	13	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	120	120	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-25-2	Bromoform	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 32	32	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	26	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 31	31	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 16	16	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 30	30	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	95-47-6	o-Xylene	34	34	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	< 16	16	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	100-41-4	Ethylbenzene	39	39	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	100-42-5	Styrene	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	106-99-0	1,3-Butadiene	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	28	28	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	108-88-3	Toluene	200	200	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	109-99-9	Tetrahydrofuran	28	28	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	110-54-3	Hexane	5400	5400	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	110-82-7	Cyclohexane	23000	23000	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	115-07-1	Propylene (propene)	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	123-91-1	1,4-Dioxane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	124-48-1	Dibromochloromethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	127-18-4	Tetrachloroethene	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	1330-20-7	Xylenes, total	130	130	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	141-78-6	Ethyl acetate	< 120	120	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	142-82-5	n-Heptane	89	89	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	179601-23-1	m- & p-Xylenes	82	82	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	56-23-5	Carbon tetrachloride	56	56	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	591-78-6	2-Hexanone	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	64-17-5	Ethanol	150	150	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	67-63-0	Isopropyl alcohol	< 120	120	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	67-64-1	Acetone	< 490	490	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	67-66-3	Chloroform	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	71-43-2	Benzene	45	45	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	74-87-3	Chloromethane	20	20	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-00-3	Chloroethane	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-01-4	Vinyl chloride	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-09-2	Methylene chloride	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-15-0	Carbon disulfide	220	220	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-25-2	Bromoform	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-27-4	Bromodichloromethane	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 60	60	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-69-4	Trichlorofluoromethane	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	75-71-8	Dichlorodifluoromethane	< 59	59	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	40	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	78-93-3	2-Butanone	62	62	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	79-01-6	Trichloroethene	< 31	31	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	91-20-3	Naphthalene	< 57	57	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	95-47-6	o-Xylene	48	48	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	56	56	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	1.7	1.7	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	3.6	3.6	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	108-88-3	Toluene	4.2	4.2	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	0.7	0.7	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	0.98	0.98	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	13	13	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	142-82-5	n-Heptane	1.1	1.1	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	10	10	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	1.3	1.3	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	591-78-6	2-Hexanone	0.88	0.88	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	64-17-5	Ethanol	8.3	8.3	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	1.4	1.4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	67-64-1	Acetone	18	18	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	67-66-3	Chloroform	0.34	0.34	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	71-43-2	Benzene	0.43	0.43	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-09-2	Methylene chloride	4.4	4.4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	< 2.6	2.6	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	1.4	1.4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	3.5	3.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	25	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	78-93-3	2-Butanone	4	4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	91-20-3	Naphthalene	3.9	3.9	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	95-47-6	o-Xylene	2.8	2.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	17	17	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	1.1	1.1	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	1.7	1.7	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	108-88-3	Toluene	2.9	2.9	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	110-54-3	Hexane	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	1.2	1.2	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	0.36	0.36	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	2.9	2.9	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	8.1	8.1	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 3	3	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	142-82-5	n-Heptane	1.1	1.1	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	6.5	6.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	3.1	3.1	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	591-78-6	2-Hexanone	0.88	0.88	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	64-17-5	Ethanol	3	3	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 2.9	2.9	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	67-64-1	Acetone	14	14	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	67-66-3	Chloroform	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	71-43-2	Benzene	0.49	0.49	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	2.8	2.8	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	2.4	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	6.7	6.7	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	92	92	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 1.5	1.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 0.78	0.78	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	91-20-3	Naphthalene	1.7	1.7	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	95-47-6	o-Xylene	1.7	1.7	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	8.7	8.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	100-41-4	Ethylbenzene	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	100-42-5	Styrene	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	106-93-4	1,2-Dibromoethane	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	106-99-0	1,3-Butadiene	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	107-06-2	1,2-Dichloroethane	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	108-10-1	4-Methyl-2-pentanone	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	108-67-8	1,3,5-Trimethylbenzene	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	108-88-3	Toluene	4.7	4.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	109-99-9	Tetrahydrofuran	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	110-54-3	Hexane	13	13	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	110-82-7	Cyclohexane	110	110	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	115-07-1	Propylene (propene)	100	100	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	120-82-1	1,2,4-Trichlorobenzene	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	123-91-1	1,4-Dioxane	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	124-48-1	Dibromochloromethane	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	127-18-4	Tetrachloroethene	3.7	3.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	1330-20-7	Xylenes, total	4.7	4.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	141-78-6	Ethyl acetate	< 5.6	5.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	142-82-5	n-Heptane	0.97	0.97	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	179601-23-1	m- & p-Xylenes	3.6	3.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	56-23-5	Carbon tetrachloride	12	12	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	591-78-6	2-Hexanone	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	64-17-5	Ethanol	4.6	4.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	67-63-0	Isopropyl alcohol	< 5.4	5.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	67-66-3	Chloroform	4.8	4.8	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	71-43-2	Benzene	11	11	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	74-87-3	Chloromethane	6.9	6.9	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-00-3	Chloroethane	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-01-4	Vinyl chloride	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-09-2	Methylene chloride	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-15-0	Carbon disulfide	36	36	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-25-2	Bromoform	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-27-4	Bromodichloromethane	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-34-3	1,1-Dichloroethane	< 2.8	2.8	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-69-4	Trichlorofluoromethane	1.7	1.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	75-71-8	Dichlorodifluoromethane	3.3	3.3	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	60	60	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	78-93-3	2-Butanone	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	79-01-6	Trichloroethene	< 1.5	1.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	91-20-3	Naphthalene	< 2.7	2.7	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	95-47-6	o-Xylene	1.1	1.1	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	NONE	P2102243	95-63-6	1,2,4-Trimethylbenzene	2	2	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	100-41-4	Ethylbenzene	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	100-42-5	Styrene	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	106-93-4	1,2-Dibromoethane	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	106-99-0	1,3-Butadiene	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	107-06-2	1,2-Dichloroethane	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	108-10-1	4-Methyl-2-pentanone	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	108-67-8	1,3,5-Trimethylbenzene	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	108-88-3	Toluene	370	370	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	109-99-9	Tetrahydrofuran	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	110-54-3	Hexane	24000	24000	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	110-82-7	Cyclohexane	17000	17000	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	115-07-1	Propylene (propene)	490	490	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	120-82-1	1,2,4-Trichlorobenzene	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	123-91-1	1,4-Dioxane	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	124-48-1	Dibromochloromethane	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	127-18-4	Tetrachloroethene	28	28	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	1330-20-7	Xylenes, total	< 82	82	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	141-78-6	Ethyl acetate	< 160	160	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	142-82-5	n-Heptane	15000	15000	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	179601-23-1	m- & p-Xylenes	< 82	82	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	56-23-5	Carbon tetrachloride	220	220	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	591-78-6	2-Hexanone	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	64-17-5	Ethanol	< 200	200	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	67-63-0	Isopropyl alcohol	< 150	150	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	67-64-1	Acetone	< 650	650	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	67-66-3	Chloroform	340	340	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	71-43-2	Benzene	370	370	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	74-87-3	Chloromethane	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-00-3	Chloroethane	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-01-4	Vinyl chloride	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-09-2	Methylene chloride	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-15-0	Carbon disulfide	< 130	130	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-25-2	Bromoform	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-27-4	Bromodichloromethane	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-34-3	1,1-Dichloroethane	< 79	79	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-69-4	Trichlorofluoromethane	49	49	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	75-71-8	Dichlorodifluoromethane	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	740	740	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	78-93-3	2-Butanone	< 77	77	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	79-01-6	Trichloroethene	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	91-20-3	Naphthalene	< 74	74	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	95-47-6	o-Xylene	< 41	41	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	NONE	P2102853	95-63-6	1,2,4-Trimethylbenzene	41	41	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	100-41-4	Ethylbenzene	4.8	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	100-42-5	Styrene	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	106-93-4	1,2-Dibromoethane	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	106-99-0	1,3-Butadiene	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	107-06-2	1,2-Dichloroethane	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	108-10-1	4-Methyl-2-pentanone	0.51	0.51	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	108-67-8	1,3,5-Trimethylbenzene	9.6	9.6	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	108-88-3	Toluene	8.4	8.4	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	109-99-9	Tetrahydrofuran	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	110-54-3	Hexane	2.9	2.9	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	110-82-7	Cyclohexane	< 1.6	1.6	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	115-07-1	Propylene (propene)	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	120-82-1	1,2,4-Trichlorobenzene	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	123-91-1	1,4-Dioxane	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	124-48-1	Dibromochloromethane	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	127-18-4	Tetrachloroethene	0.35	0.35	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	1330-20-7	Xylenes, total	35	35	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	141-78-6	Ethyl acetate	< 3.1	3.1	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	142-82-5	n-Heptane	3.8	3.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	179601-23-1	m- & p-Xylenes	27	27	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	56-23-5	Carbon tetrachloride	0.85	0.85	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	591-78-6	2-Hexanone	2.9	2.9	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	64-17-5	Ethanol	9.1	9.1	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	67-63-0	Isopropyl alcohol	1.2	1.2	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	67-64-1	Acetone	32	32	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	67-66-3	Chloroform	0.42	0.42	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	71-43-2	Benzene	1.1	1.1	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	74-87-3	Chloromethane	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-00-3	Chloroethane	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-01-4	Vinyl chloride	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-09-2	Methylene chloride	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-15-0	Carbon disulfide	100	100	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-25-2	Bromoform	< 1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-27-4	Bromodichloromethane	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-34-3	1,1-Dichloroethane	< 1.6	1.6	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-69-4	Trichlorofluoromethane	1.5	1.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	75-71-8	Dichlorodifluoromethane	4.5	4.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	12	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	78-93-3	2-Butanone	6.2	6.2	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	79-01-6	Trichloroethene	< 0.81	0.81	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	91-20-3	Naphthalene	22	22	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	95-47-6	o-Xylene	8.2	8.2	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	NONE	P2103567	95-63-6	1,2,4-Trimethylbenzene	46	46	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	100-41-4	Ethylbenzene	1.9	1.9	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	100-42-5	Styrene	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	106-93-4	1,2-Dibromoethane	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	106-99-0	1,3-Butadiene	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	107-06-2	1,2-Dichloroethane	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	108-10-1	4-Methyl-2-pentanone	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	108-67-8	1,3,5-Trimethylbenzene	2.3	2.3	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	108-88-3	Toluene	2.8	2.8	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	109-99-9	Tetrahydrofuran	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	110-54-3	Hexane	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	110-82-7	Cyclohexane	< 1.3	1.3	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	115-07-1	Propylene (propene)	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	120-82-1	1,2,4-Trichlorobenzene	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	123-91-1	1,4-Dioxane	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	124-48-1	Dibromochloromethane	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	127-18-4	Tetrachloroethene	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	1330-20-7	Xylenes, total	11	11	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	141-78-6	Ethyl acetate	< 2.5	2.5	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	142-82-5	n-Heptane	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	179601-23-1	m- & p-Xylenes	8.4	8.4	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	56-23-5	Carbon tetrachloride	0.47	0.47	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	591-78-6	2-Hexanone	0.7	0.7	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	64-17-5	Ethanol	3	3	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	67-63-0	Isopropyl alcohol	< 2.4	2.4	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	67-64-1	Acetone	13	13	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	67-66-3	Chloroform	0.46	0.46	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	71-43-2	Benzene	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	74-87-3	Chloromethane	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-00-3	Chloroethane	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-01-4	Vinyl chloride	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-09-2	Methylene chloride	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-15-0	Carbon disulfide	3.1	3.1	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-25-2	Bromoform	< 1.2	1.2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-27-4	Bromodichloromethane	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-34-3	1,1-Dichloroethane	< 1.3	1.3	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-69-4	Trichlorofluoromethane	0.53	0.53	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	75-71-8	Dichlorodifluoromethane	1.9	1.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.8	6.8	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	78-93-3	2-Butanone	2.1	2.1	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	79-01-6	Trichloroethene	< 0.66	0.66	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	91-20-3	Naphthalene	1.9	1.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	95-47-6	o-Xylene	2.5	2.5	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	NONE	P2103567	95-63-6	1,2,4-Trimethylbenzene	12	12	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	100-41-4	Ethylbenzene	20000	20000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	100-42-5	Styrene	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	106-93-4	1,2-Dibromoethane	640	640	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	106-99-0	1,3-Butadiene	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	107-06-2	1,2-Dichloroethane	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	108-10-1	4-Methyl-2-pentanone	630	630	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	108-67-8	1,3,5-Trimethylbenzene	2400	2400	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	108-88-3	Toluene	230000	230000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	109-99-9	Tetrahydrofuran	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	110-54-3	Hexane	140000	140000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	110-82-7	Cyclohexane	280000	280000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	115-07-1	Propylene (propene)	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	120-82-1	1,2,4-Trichlorobenzene	< 1100	1100	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	prep_method	lab_report	cas_rn	chemical_name	report_result_text	report_result_value	report_result_unit
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	123-91-1	1,4-Dioxane	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	124-48-1	Dibromochloromethane	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	127-18-4	Tetrachloroethene	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	1330-20-7	Xylenes, total	67000	67000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	141-78-6	Ethyl acetate	< 2100	2100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	142-82-5	n-Heptane	270000	270000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	179601-23-1	m- & p-Xylenes	52000	52000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	56-23-5	Carbon tetrachloride	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	591-78-6	2-Hexanone	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	64-17-5	Ethanol	4000	4000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	67-63-0	Isopropyl alcohol	< 2100	2100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	67-64-1	Acetone	33000	33000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	67-66-3	Chloroform	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	71-43-2	Benzene	50000	50000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	74-87-3	Chloromethane	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-00-3	Chloroethane	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-01-4	Vinyl chloride	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-09-2	Methylene chloride	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-15-0	Carbon disulfide	< 1800	1800	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-25-2	Bromoform	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-27-4	Bromodichloromethane	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-34-3	1,1-Dichloroethane	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-69-4	Trichlorofluoromethane	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	75-71-8	Dichlorodifluoromethane	< 1100	1100	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	78-93-3	2-Butanone	3000	3000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	79-01-6	Trichloroethene	< 560	560	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	91-20-3	Naphthalene	< 1000	1000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	95-47-6	o-Xylene	15000	15000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	NONE	P2103567	95-63-6	1,2,4-Trimethylbenzene	4700	4700	ug/m3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			1000	3000	4800	ug/m3	24300
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			1400	3100	9200	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1200	3000	4800	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1200	3000	9200	ug/m3	69.5
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	580	1600	4800	ug/m3	187
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	650	1600	4800	ug/m3	34.7
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	640	1600	4800	ug/m3	1390
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			1300	3100	9200	ug/m3	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	2600	6000	9200	ug/m3	2430
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			790	3000	4800	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			1300	3100	9200	ug/m3	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	680	1600	4700	ug/m3	156
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	610	1600	9200	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	3400	7700	49000	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	2000	5800	9200	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	11000	25000	48000	ug/m3	1080000
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	660	1600	4900	ug/m3	40.7
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			710	1600	4800	ug/m3	120
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	790	3000	4800	ug/m3	520
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	610	3000	4800	ug/m3	348000
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	530	1600	4900	ug/m3	55.9
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1400	3000	4800	ug/m3	20900
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1500	5000	9200	ug/m3	24300
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1000	3000	4900	ug/m3	851
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	710	1600	4800	ug/m3	25.3
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	720	3000	5000	ug/m3	585
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	750	3000	4700	ug/m3	24300
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	800	3000	4800	ug/m3	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	750	3000	4700	ug/m3	24300
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	800	3000	4800	ug/m3	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	700	1600	4900	ug/m3	1040000
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1000	3000	9200	ug/m3	174000
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	670	1600	4700	ug/m3	69.5
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	1200	2900	4800	ug/m3	27.5
SVMW-03-100	SV03-100-212	4/5/2021	N	Y	J	J	710	1600	4900	ug/m3	3480
SVMW-03-100	SV03-100-212	4/5/2021	N	Y	J	J	680	1600	4800	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	Y		D	2200	6500	11000	ug/m3	24300
SVMW-09-250	SV09-250-212	4/5/2021	N	Y		D	1700	6500	11000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			2500	5700	17000	ug/m3	374
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2900	11000	17000	ug/m3	34800
SVMW-09-266	SV09-266-212	4/5/2021	N	Y	J	J	2100	5700	17000	ug/m3	1.56
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	3000	11000	17000	ug/m3	31.2
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2000	5700	17000	ug/m3	36
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2500	5700	34000	ug/m3	104000
SVMW-09-266	SV09-266-212	4/5/2021	N	Y	J	J	2600	5700	18000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			2200	5700	17000	ug/m3	174000
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2200	5700	34000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			3700	11000	17000	ug/m3	24300
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			5000	11000	34000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	Y	J	J	4400	11000	17000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	4400	11000	34000	ug/m3	69.5
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2100	5700	17000	ug/m3	187
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2400	5700	17000	ug/m3	34.7
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2300	5700	17000	ug/m3	1390
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			4700	11000	34000	ug/m3	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	9400	22000	34000	ug/m3	2430
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			2900	11000	17000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			4700	11000	34000	ug/m3	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2500	5700	17000	ug/m3	156
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2200	5700	34000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	12000	28000	180000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	7400	21000	34000	ug/m3	NS
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	40000	91000	170000	ug/m3	1080000
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2400	5700	18000	ug/m3	40.7
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			2600	5700	17000	ug/m3	120
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2900	11000	17000	ug/m3	520
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2200	11000	17000	ug/m3	348000
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	1900	5700	18000	ug/m3	55.9
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	40	90	280	ug/m3	374
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	46	170	280	ug/m3	34800
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	33	90	280	ug/m3	1.56
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	47	170	280	ug/m3	31.2
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	31	90	280	ug/m3	36
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	39	90	530	ug/m3	104000
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	41	90	280	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	34	90	280	ug/m3	174000
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	36	90	530	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	58	170	280	ug/m3	24300
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	80	180	530	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	69	170	280	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	69	170	530	ug/m3	69.5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	33	90	280	ug/m3	187
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	37	90	280	ug/m3	34.7
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	37	90	280	ug/m3	1390
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	74	180	530	ug/m3	3480
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	37	90	280	ug/m3	1390
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	74	180	530	ug/m3	3480
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	JL	150	340	530	ug/m3	2430
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	45	170	280	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	74	180	530	ug/m3	3480
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	39	90	270	ug/m3	156
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	35	90	530	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y			200	440	2800	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	120	330	530	ug/m3	NS
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	640	1400	2800	ug/m3	1080000
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	38	90	280	ug/m3	40.7
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y			41	90	280	ug/m3	120
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	46	170	280	ug/m3	520
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	35	170	280	ug/m3	348000
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	30	90	280	ug/m3	55.9
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y			80	170	280	ug/m3	20900
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	85	290	530	ug/m3	24300
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	58	170	280	ug/m3	851
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	41	90	280	ug/m3	25.3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	41	170	290	ug/m3	585
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	43	170	270	ug/m3	24300
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	46	170	280	ug/m3	3480
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	40	90	280	ug/m3	1040000
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Y	J	J	58	170	530	ug/m3	174000
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	38	90	270	ug/m3	69.5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	69	160	280	ug/m3	27.5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	41	90	280	ug/m3	3480
KAFB-106111-050	SV111-050-612	4/6/2021	FD	N	U	U	39	90	280	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	250	560	1700	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	280	1000	1700	ug/m3	34800
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	200	560	1700	ug/m3	1.56
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	290	1000	1700	ug/m3	31.2
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	190	560	1700	ug/m3	36
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	240	560	3300	ug/m3	104000
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y	J	J	250	560	1700	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y	J	J	210	560	1700	ug/m3	174000
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	220	560	3300	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y			360	1000	1700	ug/m3	24300
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y			490	1100	3300	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	420	1000	1700	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	420	1000	3300	ug/m3	69.5
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	210	560	1700	ug/m3	187
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	230	560	1700	ug/m3	34.7
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	230	560	1700	ug/m3	1390
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y			460	1100	3300	ug/m3	3480
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	910	2100	3300	ug/m3	2430
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y			280	1000	1700	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y	J	J	460	1100	3300	ug/m3	3480
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	240	560	1700	ug/m3	156
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	220	560	3300	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	1200	2700	17000	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	720	2100	3300	ug/m3	NS
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	3900	8800	17000	ug/m3	1080000
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	230	560	1700	ug/m3	40.7
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y			250	560	1700	ug/m3	120
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	280	1000	1700	ug/m3	520
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	220	1000	1700	ug/m3	348000
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	190	560	1700	ug/m3	55.9
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	490	1000	1700	ug/m3	20900
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	520	1800	3300	ug/m3	24300
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	360	1000	1700	ug/m3	851
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	250	560	1700	ug/m3	25.3
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	250	1100	1800	ug/m3	585
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	260	1000	1700	ug/m3	24300
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	280	1000	1700	ug/m3	3480
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	250	560	1700	ug/m3	1040000
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	360	1000	3300	ug/m3	174000
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	240	560	1700	ug/m3	69.5
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	420	1000	1700	ug/m3	27.5
KAFB-106117-250	SV117-250-212	4/6/2021	N	Y			250	560	1700	ug/m3	3480
KAFB-106117-250	SV117-250-212	4/6/2021	N	N	U	U	240	560	1700	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	120
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	520
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.34	1.6	2.7	ug/m3	348000
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.29	0.87	2.7	ug/m3	55.9
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.77	1.6	2.7	ug/m3	20900
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.82	2.8	5.1	ug/m3	24300
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.39	0.87	2.7	ug/m3	25.3
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.44	1.6	2.7	ug/m3	3480
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.39	0.87	2.7	ug/m3	1040000
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.56	1.6	5.1	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.37	0.87	2.6	ug/m3	69.5
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.66	1.6	2.7	ug/m3	27.5
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	3480
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.38	0.87	2.7	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y		D	3.6	8.7	27	ug/m3	40.7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	34800
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.28	0.79	2.4	ug/m3	36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.34	0.79	4.7	ug/m3	104000
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.36	0.79	2.5	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.3	0.79	2.4	ug/m3	174000
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.31	0.79	4.7	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.51	1.5	2.4	ug/m3	24300
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.7	1.6	4.7	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.61	1.5	2.4	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.29	0.79	2.4	ug/m3	187
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.33	0.79	2.4	ug/m3	34.7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.32	0.79	2.4	ug/m3	1390
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.65	1.6	4.7	ug/m3	3480
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			1.3	3	4.7	ug/m3	2430
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.65	1.6	4.7	ug/m3	3480
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.35	0.79	2.4	ug/m3	156
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.31	0.79	4.7	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			1.7	3.9	25	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.31	0.79	4.7	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			1.7	3.9	25	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			1	2.9	4.7	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			5.6	13	24	ug/m3	1080000
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.33	0.79	2.5	ug/m3	40.7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.36	0.79	2.4	ug/m3	120
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	520
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.7	1.5	2.4	ug/m3	20900
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.75	2.5	4.7	ug/m3	24300
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.38	1.5	2.4	ug/m3	24300
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.41	1.5	2.4	ug/m3	3480
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.36	0.79	2.5	ug/m3	1040000
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y			0.51	1.5	4.7	ug/m3	174000
KAFB-106133-250	SV133-250-612	4/6/2021	FD	N	U	U	0.61	1.4	2.4	ug/m3	27.5
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.36	0.79	2.5	ug/m3	3480
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y	J	J	0.35	0.79	2.4	ug/m3	NS
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Y		D	4.3	10	30	ug/m3	69.5
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			1700	3900	12000	ug/m3	374
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	2000	7400	12000	ug/m3	34800
SVMW-03-250	SV03-250-212	4/5/2021	N	Y	J	J	1400	3900	12000	ug/m3	1.56
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	2000	7400	12000	ug/m3	31.2
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1400	3900	12000	ug/m3	36
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1700	3900	23000	ug/m3	104000
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			1800	3900	12000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			1500	3900	12000	ug/m3	174000
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1500	3900	23000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			2500	7400	12000	ug/m3	24300
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			3500	7900	23000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	3000	7400	12000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	3000	7400	23000	ug/m3	69.5
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1500	3900	12000	ug/m3	187
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1600	3900	12000	ug/m3	34.7
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1600	3900	12000	ug/m3	1390
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			3200	7900	23000	ug/m3	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	6500	15000	23000	ug/m3	2430
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			2000	7400	12000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			3200	7900	23000	ug/m3	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1700	3900	12000	ug/m3	156
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1500	3900	23000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	8500	19000	120000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	5100	15000	23000	ug/m3	NS
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	28000	62000	120000	ug/m3	1080000
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1600	3900	12000	ug/m3	40.7
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			1800	3900	12000	ug/m3	120
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	2000	7400	12000	ug/m3	520
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1500	7400	12000	ug/m3	348000
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1300	3900	12000	ug/m3	55.9
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	3500	7400	12000	ug/m3	20900
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	3700	12000	23000	ug/m3	24300
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	2500	7400	12000	ug/m3	851
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1800	3900	12000	ug/m3	25.3
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1800	7600	12000	ug/m3	585
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1900	7400	12000	ug/m3	24300
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	2000	7400	12000	ug/m3	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1800	3900	12000	ug/m3	1040000
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	2500	7400	23000	ug/m3	174000
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	1700	3900	12000	ug/m3	69.5
SVMW-03-250	SV03-250-212	4/5/2021	N	N	U	U	3000	7200	12000	ug/m3	27.5
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			1800	3900	12000	ug/m3	3480
SVMW-03-250	SV03-250-212	4/5/2021	N	Y			1700	3900	12000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1700	3800	12000	ug/m3	374
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1900	7100	12000	ug/m3	34800
SVMW-03-300	SV03-300-212	4/5/2021	N	Y	J	J	1400	3800	12000	ug/m3	1.56
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	2000	7100	12000	ug/m3	31.2
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1300	3800	12000	ug/m3	36
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1600	3800	22000	ug/m3	104000
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1700	3800	12000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1400	3800	12000	ug/m3	174000
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1500	3800	22000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			2400	7100	12000	ug/m3	24300
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			3300	7500	22000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	Y	J	J	2900	7100	12000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	2900	7100	22000	ug/m3	69.5
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1400	3800	12000	ug/m3	187
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1600	3800	12000	ug/m3	34.7
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1500	3800	12000	ug/m3	1390
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			3100	7500	22000	ug/m3	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	6200	14000	22000	ug/m3	2430
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1900	7100	12000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			3100	7500	22000	ug/m3	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1600	3800	11000	ug/m3	156
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1500	3800	22000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	8200	18000	120000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	4900	14000	22000	ug/m3	NS
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	27000	60000	120000	ug/m3	1080000
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1600	3800	12000	ug/m3	40.7
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1700	3800	12000	ug/m3	120
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1900	7100	12000	ug/m3	520
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1500	7100	12000	ug/m3	348000
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1300	3800	12000	ug/m3	55.9
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	3300	7100	12000	ug/m3	20900
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	3600	12000	22000	ug/m3	24300
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	2400	7100	12000	ug/m3	851
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1700	3800	12000	ug/m3	25.3
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1700	7300	12000	ug/m3	585
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1800	7100	11000	ug/m3	24300
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1900	7100	12000	ug/m3	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1700	3800	12000	ug/m3	1040000
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	2400	7100	22000	ug/m3	174000
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	1600	3800	11000	ug/m3	69.5
SVMW-03-300	SV03-300-212	4/5/2021	N	N	U	U	2900	6900	12000	ug/m3	27.5
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1700	3800	12000	ug/m3	3480
SVMW-03-300	SV03-300-212	4/5/2021	N	Y			1600	3800	12000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1600	3700	11000	ug/m3	374
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1800	6900	11000	ug/m3	34800
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1300	3700	11000	ug/m3	1.56
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1900	6900	11000	ug/m3	31.2
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1300	3700	11000	ug/m3	36
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1600	3700	22000	ug/m3	104000
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1700	3700	11000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	Y	J	J	1400	3700	11000	ug/m3	174000
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1400	3700	22000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	2400	6900	11000	ug/m3	24300
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	3200	7300	22000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	2800	6900	11000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	2800	6900	22000	ug/m3	69.5
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1400	3700	11000	ug/m3	187
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1500	3700	11000	ug/m3	34.7
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1500	3700	11000	ug/m3	1390
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	3000	7300	22000	ug/m3	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	6000	14000	22000	ug/m3	2430
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1800	6900	11000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	3000	7300	22000	ug/m3	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1600	3700	11000	ug/m3	156
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1400	3700	22000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	8000	18000	110000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	4700	14000	22000	ug/m3	NS
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	26000	58000	110000	ug/m3	1080000
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1500	3700	11000	ug/m3	40.7
SVMW-04-050	SV04-050-212	4/5/2021	N	Y			1700	3700	11000	ug/m3	120
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1800	6900	11000	ug/m3	520
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1400	6900	11000	ug/m3	348000
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1200	3700	11000	ug/m3	55.9
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	3200	6900	11000	ug/m3	20900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	3400	12000	22000	ug/m3	24300
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	2400	6900	11000	ug/m3	851
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1700	3700	11000	ug/m3	25.3
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1700	7100	12000	ug/m3	585
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1700	6900	11000	ug/m3	24300
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1900	6900	11000	ug/m3	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1600	3700	11000	ug/m3	1040000
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	2400	6900	22000	ug/m3	174000
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1500	3700	11000	ug/m3	69.5
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	2800	6700	11000	ug/m3	27.5
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1700	3700	11000	ug/m3	3480
SVMW-04-050	SV04-050-212	4/5/2021	N	N	U	U	1600	3700	11000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	374
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1800	6700	11000	ug/m3	34800
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1300	3600	11000	ug/m3	1.56
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1800	6700	11000	ug/m3	31.2
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1200	3600	11000	ug/m3	36
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1500	3600	21000	ug/m3	104000
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	Y	J	J	1400	3600	11000	ug/m3	174000
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1400	3600	21000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2300	6700	11000	ug/m3	24300
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	3200	7100	21000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2700	6700	11000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2700	6700	21000	ug/m3	69.5
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1300	3600	11000	ug/m3	187
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1500	3600	11000	ug/m3	34.7
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1400	3600	11000	ug/m3	1390
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1400	3600	11000	ug/m3	1390
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2900	7100	21000	ug/m3	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	5900	14000	21000	ug/m3	2430
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1800	6700	11000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2900	7100	21000	ug/m3	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	156
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1400	3600	21000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	7800	17000	110000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	4600	13000	21000	ug/m3	NS
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	25000	57000	110000	ug/m3	1080000
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1500	3600	11000	ug/m3	40.7
SVMW-04-050	SV04-050-612	4/5/2021	FD	Y			1600	3600	11000	ug/m3	120
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1800	6700	11000	ug/m3	520
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1400	6700	11000	ug/m3	348000
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1200	3600	11000	ug/m3	55.9
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	3200	6700	11000	ug/m3	20900
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	3400	11000	21000	ug/m3	24300
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2300	6700	11000	ug/m3	851
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	25.3
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	6900	11000	ug/m3	585
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1700	6700	11000	ug/m3	24300
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1800	6700	11000	ug/m3	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	1040000
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2300	6700	21000	ug/m3	174000
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1500	3600	11000	ug/m3	69.5
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	2700	6500	11000	ug/m3	27.5
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	3480
SVMW-04-050	SV04-050-612	4/5/2021	FD	N	U	U	1600	3600	11000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			3500	8000	25000	ug/m3	374
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	4100	15000	25000	ug/m3	34800
SVMW-04-100	SV04-100-212	4/5/2021	N	Y	J	J	2900	8000	25000	ug/m3	1.56
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	4200	15000	25000	ug/m3	31.2
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	2800	8000	25000	ug/m3	36
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3400	8000	47000	ug/m3	104000
SVMW-04-100	SV04-100-212	4/5/2021	N	Y	J	J	3600	8000	25000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			3100	8000	25000	ug/m3	174000
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3200	8000	47000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			5200	15000	25000	ug/m3	24300
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			7100	16000	47000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	6100	15000	25000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	6100	15000	47000	ug/m3	69.5
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3000	8000	25000	ug/m3	187
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3300	8000	25000	ug/m3	34.7
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3300	8000	25000	ug/m3	1390
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			6600	16000	47000	ug/m3	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	13000	31000	47000	ug/m3	2430
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			4000	15000	25000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			6600	16000	47000	ug/m3	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3500	8000	24000	ug/m3	156
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3100	8000	47000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	17000	39000	250000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	10000	30000	47000	ug/m3	NS
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	57000	130000	250000	ug/m3	1080000
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3400	8000	25000	ug/m3	40.7
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			3600	8000	25000	ug/m3	120
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	4100	15000	25000	ug/m3	520
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			3600	8000	25000	ug/m3	120
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	4100	15000	25000	ug/m3	520
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3100	15000	25000	ug/m3	348000
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	2700	8000	25000	ug/m3	55.9
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	7100	15000	25000	ug/m3	20900
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	7600	25000	47000	ug/m3	24300
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	5200	15000	25000	ug/m3	851
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3600	8000	25000	ug/m3	25.3
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3700	16000	25000	ug/m3	585
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3800	15000	24000	ug/m3	24300
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	4100	15000	25000	ug/m3	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3600	8000	25000	ug/m3	1040000
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	5200	15000	47000	ug/m3	174000
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	3400	8000	24000	ug/m3	69.5
SVMW-04-100	SV04-100-212	4/5/2021	N	N	U	U	6100	15000	25000	ug/m3	27.5
SVMW-04-100	SV04-100-212	4/5/2021	N	Y			3600	8000	25000	ug/m3	3480
SVMW-04-100	SV04-100-212	4/5/2021	N	Y	J	J	3500	8000	25000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	Y	J	J	2300	5200	16000	ug/m3	374
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2600	9700	16000	ug/m3	34800
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	1900	5200	16000	ug/m3	1.56
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2700	9700	16000	ug/m3	31.2
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	1800	5200	16000	ug/m3	36
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2200	5200	30000	ug/m3	104000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2300	5200	16000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			2000	5200	16000	ug/m3	174000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2000	5200	30000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			3300	9700	16000	ug/m3	24300
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			4600	10000	30000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	Y	J	J	4000	9700	16000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	4000	9700	30000	ug/m3	69.5
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	1900	5200	16000	ug/m3	187
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2100	5200	16000	ug/m3	34.7
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2100	5200	16000	ug/m3	1390
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			4300	10000	30000	ug/m3	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	8500	20000	30000	ug/m3	2430
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			2600	9700	16000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			4300	10000	30000	ug/m3	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2300	5200	16000	ug/m3	156
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2000	5200	30000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	11000	25000	160000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	6700	19000	30000	ug/m3	NS
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	37000	82000	160000	ug/m3	1080000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2200	5200	16000	ug/m3	40.7
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			2300	5200	16000	ug/m3	120
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2600	9700	16000	ug/m3	520
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2000	9700	16000	ug/m3	348000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	1700	5200	16000	ug/m3	55.9
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	4600	9700	16000	ug/m3	20900
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	4900	16000	30000	ug/m3	24300
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	3300	9700	16000	ug/m3	851
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2300	5200	16000	ug/m3	25.3
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2400	10000	16000	ug/m3	585
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2500	9700	16000	ug/m3	24300
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2600	9700	16000	ug/m3	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2300	5200	16000	ug/m3	1040000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	3300	9700	30000	ug/m3	174000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2200	5200	16000	ug/m3	69.5
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	3300	9700	30000	ug/m3	174000
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2200	5200	16000	ug/m3	69.5
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	4000	9400	16000	ug/m3	27.5
SVMW-04-250	SV04-250-212	4/5/2021	N	Y			2300	5200	16000	ug/m3	3480
SVMW-04-250	SV04-250-212	4/5/2021	N	N	U	U	2300	5200	16000	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	Y	J	J	200	440	1400	ug/m3	374
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	220	840	1400	ug/m3	34800
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	160	440	1400	ug/m3	1.56
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	230	840	1400	ug/m3	31.2
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	150	440	1400	ug/m3	36
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	190	440	2600	ug/m3	104000
SVMW-04-300	SV04-300-212	4/5/2021	N	Y	J	J	200	440	1400	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			170	440	1400	ug/m3	174000
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	180	440	2600	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			290	840	1400	ug/m3	24300
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			390	890	2600	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	Y	J	J	340	840	1400	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	340	840	2600	ug/m3	69.5
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	160	440	1400	ug/m3	187
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	180	440	1400	ug/m3	34.7
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	180	440	1400	ug/m3	1390
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			370	890	2600	ug/m3	3480
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	730	1700	2600	ug/m3	2430
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			220	840	1400	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			370	890	2600	ug/m3	3480
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	190	440	1300	ug/m3	156
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	170	440	2600	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	970	2200	14000	ug/m3	NS
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	570	1600	2600	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	3100	7100	14000	ug/m3	1080000
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	190	440	1400	ug/m3	40.7
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			200	440	1400	ug/m3	120
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	220	840	1400	ug/m3	520
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	170	840	1400	ug/m3	348000
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	150	440	1400	ug/m3	55.9
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	390	840	1400	ug/m3	20900
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	420	1400	2600	ug/m3	24300
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	290	840	1400	ug/m3	851
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	200	440	1400	ug/m3	25.3
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	200	860	1400	ug/m3	585
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	210	840	1300	ug/m3	24300
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	230	840	1400	ug/m3	3480
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	200	440	1400	ug/m3	1040000
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	290	840	2600	ug/m3	174000
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	190	440	1300	ug/m3	69.5
SVMW-04-300	SV04-300-212	4/5/2021	N	N	U	U	340	810	1400	ug/m3	27.5
SVMW-04-300	SV04-300-212	4/5/2021	N	Y			200	440	1400	ug/m3	3480
SVMW-04-300	SV04-300-212	4/5/2021	N	Y	J	J	190	440	1400	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	Y	J	J	550	1200	3800	ug/m3	374
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	630	2300	3800	ug/m3	34800
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	450	1200	3800	ug/m3	1.56
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	640	2300	3800	ug/m3	31.2
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	430	1200	3800	ug/m3	36
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	530	1200	7300	ug/m3	104000
SVMW-08-050	SV08-050-212	4/5/2021	N	Y	J	J	560	1200	3900	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			470	1200	3800	ug/m3	174000
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	490	1200	7300	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			800	2300	3800	ug/m3	24300
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			1100	2500	7300	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	Y	J	J	950	2300	3800	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	950	2300	7300	ug/m3	69.5
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	460	1200	3800	ug/m3	187
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	510	1200	3800	ug/m3	34.7
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	500	1200	3800	ug/m3	1390
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			1000	2500	7300	ug/m3	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	2000	4700	7300	ug/m3	2430
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			620	2300	3800	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			1000	2500	7300	ug/m3	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	540	1200	3700	ug/m3	156
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	480	1200	7300	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	Y	J	J	2700	6100	39000	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	1600	4600	7300	ug/m3	NS
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	8800	20000	38000	ug/m3	1080000
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	520	1200	3900	ug/m3	40.7
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			560	1200	3800	ug/m3	120
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	630	2300	3800	ug/m3	520
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	480	2300	3800	ug/m3	348000
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	420	1200	3900	ug/m3	55.9
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	1100	2300	3800	ug/m3	20900
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	1200	3900	7300	ug/m3	24300
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	800	2300	3900	ug/m3	851
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	560	1200	3800	ug/m3	25.3
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	570	2400	3900	ug/m3	585
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	590	2300	3700	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	640	2300	3800	ug/m3	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	550	1200	3900	ug/m3	1040000
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	800	2300	7300	ug/m3	174000
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	530	1200	3700	ug/m3	69.5
SVMW-08-050	SV08-050-212	4/5/2021	N	N	U	U	950	2300	3800	ug/m3	27.5
SVMW-08-050	SV08-050-212	4/5/2021	N	Y			560	1200	3900	ug/m3	3480
SVMW-08-050	SV08-050-212	4/5/2021	N	Y	J	J	540	1200	3800	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.43	0.96	3	ug/m3	374
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.49	1.8	3	ug/m3	34800
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.35	0.96	3	ug/m3	1.56
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.5	1.8	3	ug/m3	31.2
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.33	0.96	3	ug/m3	36
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.41	0.96	5.7	ug/m3	104000
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.44	0.96	3	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.37	0.96	3	ug/m3	174000
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.38	0.96	5.7	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.62	1.8	3	ug/m3	24300
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.85	1.9	5.7	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y	J	J	0.74	1.8	3	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.74	1.8	5.7	ug/m3	69.5
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.36	0.96	3	ug/m3	187
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.4	0.96	3	ug/m3	34.7
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.39	0.96	3	ug/m3	1390
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.79	1.9	5.7	ug/m3	3480
SVMW-08-100	SV08-100-212	4/5/2021	N	Y	J		1.6	3.7	5.7	ug/m3	2430
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.48	1.8	3	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.79	1.9	5.7	ug/m3	3480
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.42	0.96	2.9	ug/m3	156
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.42	0.96	2.9	ug/m3	156
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.37	0.96	5.7	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			2.1	4.7	30	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			1.2	3.6	5.7	ug/m3	NS
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	6.8	15	30	ug/m3	1080000
SVMW-08-100	SV08-100-212	4/5/2021	N	Y	J	J	0.4	0.96	3	ug/m3	40.7
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.44	0.96	3	ug/m3	120
SVMW-08-100	SV08-100-212	4/5/2021	N	Y	J	J	0.49	1.8	3	ug/m3	520
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.37	1.8	3	ug/m3	348000
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.32	0.96	3	ug/m3	55.9
SVMW-08-100	SV08-100-212	4/5/2021	N	Y	J	J	0.85	1.8	3	ug/m3	20900
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.91	3.1	5.7	ug/m3	24300
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.62	1.8	3	ug/m3	851
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.44	0.96	3	ug/m3	25.3
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.44	1.9	3.1	ug/m3	585
SVMW-08-100	SV08-100-212	4/5/2021	N	Y	J	J	0.46	1.8	2.9	ug/m3	24300
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.49	1.8	3	ug/m3	3480
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.43	0.96	3	ug/m3	1040000
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.62	1.8	5.7	ug/m3	174000
SVMW-08-100	SV08-100-212	4/5/2021	N	N	U	U	0.41	0.96	2.9	ug/m3	69.5
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.74	1.8	3	ug/m3	27.5
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.44	0.96	3	ug/m3	3480
SVMW-08-100	SV08-100-212	4/5/2021	N	Y			0.42	0.96	3	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			690	1600	4800	ug/m3	374
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	790	3000	4800	ug/m3	34800
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			570	1600	4800	ug/m3	1.56
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	810	3000	4800	ug/m3	31.2
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	550	1600	4800	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	670	1600	9200	ug/m3	104000
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			710	1600	4900	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	620	1600	9200	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			1000	3000	4800	ug/m3	24300
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			1400	3100	9200	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			1200	3000	4800	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	1200	3000	9200	ug/m3	69.5
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	580	1600	4800	ug/m3	187
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	650	1600	4800	ug/m3	34.7
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	640	1600	4800	ug/m3	1390
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			1300	3100	9200	ug/m3	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	2600	6000	9200	ug/m3	2430
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			790	3000	4800	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			1300	3100	9200	ug/m3	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	680	1600	4700	ug/m3	156
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	610	1600	9200	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	Y	J	J	3400	7700	49000	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	2000	5800	9200	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	11000	25000	48000	ug/m3	1080000
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	660	1600	4900	ug/m3	40.7
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			710	1600	4800	ug/m3	120
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	790	3000	4800	ug/m3	520
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	610	3000	4800	ug/m3	348000
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	530	1600	4900	ug/m3	55.9
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	1400	3000	4800	ug/m3	20900
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	1500	5000	9200	ug/m3	24300
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	1000	3000	4900	ug/m3	851
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	710	1600	4800	ug/m3	25.3
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	710	1600	4800	ug/m3	25.3
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	720	3000	5000	ug/m3	585
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	750	3000	4700	ug/m3	24300
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	800	3000	4800	ug/m3	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	700	1600	4900	ug/m3	1040000
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	1000	3000	9200	ug/m3	174000
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	670	1600	4700	ug/m3	69.5
SVMW-08-250	SV08-250-212	4/5/2021	N	N	U	U	1200	2900	4800	ug/m3	27.5
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			710	1600	4900	ug/m3	3480
SVMW-08-250	SV08-250-212	4/5/2021	N	Y			680	1600	4800	ug/m3	NS
SVMW-08-250	SV08-250-212	4/5/2021	N	Y		D	1500	3900	12000	ug/m3	174000
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	970	ug/m3	374
SVMW-03-100	SV03-100-212	4/5/2021	N	Y	J	J	690	1600	4800	ug/m3	374
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	790	3000	4800	ug/m3	34800
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	570	1600	4800	ug/m3	1.56
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	810	3000	4800	ug/m3	31.2
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	550	1600	4800	ug/m3	36
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	670	1600	9200	ug/m3	104000
SVMW-03-100	SV03-100-212	4/5/2021	N	Y	J	J	710	1600	4900	ug/m3	NS
SVMW-03-100	SV03-100-212	4/5/2021	N	Y			600	1600	4800	ug/m3	174000
SVMW-03-100	SV03-100-212	4/5/2021	N	N	U	U	620	1600	9200	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	160	600	970	ug/m3	34800
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	120	320	970	ug/m3	1.56
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	160	600	970	ug/m3	31.2
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	110	320	970	ug/m3	36
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	1900	ug/m3	104000
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	990	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	Y	J	J	120	320	970	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	130	320	1900	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	210	600	970	ug/m3	24300
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	280	640	1900	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	240	600	970	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	240	600	1900	ug/m3	69.5
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	120	320	970	ug/m3	187
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	130	320	970	ug/m3	34.7
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	130	320	970	ug/m3	1390
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	260	640	1900	ug/m3	3480
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	520	1200	1900	ug/m3	2430
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	160	600	970	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	260	640	1900	ug/m3	3480
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	950	ug/m3	156
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	120	320	1900	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	690	1600	9900	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	410	1200	1900	ug/m3	NS
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	2200	5000	9700	ug/m3	1080000
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	130	320	990	ug/m3	40.7
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	970	ug/m3	120
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	160	600	970	ug/m3	520
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	120	600	970	ug/m3	348000
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	110	320	990	ug/m3	55.9
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	280	600	970	ug/m3	20900
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	300	1000	1900	ug/m3	24300
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	210	600	990	ug/m3	851
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	970	ug/m3	25.3
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	150	620	1000	ug/m3	585
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	150	600	950	ug/m3	24300
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	160	600	970	ug/m3	3480
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	990	ug/m3	1040000
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	210	600	1900	ug/m3	174000
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	130	320	950	ug/m3	69.5
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	240	580	970	ug/m3	27.5
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	990	ug/m3	3480
SVMW-09-050	SV09-050-212	4/5/2021	N	N	U	U	140	320	970	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	Y		D	5400	16000	26000	ug/m3	24300
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			1900	4200	13000	ug/m3	374
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2100	7900	13000	ug/m3	34800
SVMW-09-100	SV09-100-212	4/5/2021	N	Y	J	J	1500	4200	13000	ug/m3	1.56
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2200	7900	13000	ug/m3	31.2
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1500	4200	13000	ug/m3	36
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1800	4200	25000	ug/m3	104000
SVMW-09-100	SV09-100-212	4/5/2021	N	Y	J	J	1900	4200	13000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			1600	4200	13000	ug/m3	174000
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1700	4200	25000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			3700	8400	25000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	Y	J	J	3200	7900	13000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	3200	7900	25000	ug/m3	69.5
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1600	4200	13000	ug/m3	187
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1700	4200	13000	ug/m3	34.7
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1700	4200	13000	ug/m3	1390
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			3500	8400	25000	ug/m3	3480
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	6900	16000	25000	ug/m3	2430
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			2100	7900	13000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			3500	8400	25000	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1800	4200	13000	ug/m3	156
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1600	4200	25000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	9100	21000	130000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	5400	16000	25000	ug/m3	NS
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	30000	67000	130000	ug/m3	1080000
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1800	4200	13000	ug/m3	40.7
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			1900	4200	13000	ug/m3	120
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2100	7900	13000	ug/m3	520
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1600	7900	13000	ug/m3	348000
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1400	4200	13000	ug/m3	55.9
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	3700	7900	13000	ug/m3	20900
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	4000	13000	25000	ug/m3	24300
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2700	7900	13000	ug/m3	851
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1900	4200	13000	ug/m3	25.3
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1900	8200	13000	ug/m3	585
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2000	7900	13000	ug/m3	24300
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2100	7900	13000	ug/m3	3480
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1900	4200	13000	ug/m3	1040000
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	2700	7900	25000	ug/m3	174000
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	1800	4200	13000	ug/m3	69.5
SVMW-09-100	SV09-100-212	4/5/2021	N	N	U	U	3200	7700	13000	ug/m3	27.5
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			1900	4200	13000	ug/m3	3480
SVMW-09-100	SV09-100-212	4/5/2021	N	Y			1800	4200	13000	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			610	1400	4200	ug/m3	374
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	700	2600	4200	ug/m3	34800
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			510	1400	4200	ug/m3	1.56
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	720	2600	4200	ug/m3	31.2
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	480	1400	4200	ug/m3	36
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	600	1400	8200	ug/m3	104000
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			630	1400	4300	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	550	1400	8200	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			1200	2800	8200	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			1100	2600	4200	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	1100	2600	8200	ug/m3	69.5
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	510	1400	4200	ug/m3	187
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	570	1400	4200	ug/m3	34.7
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	560	1400	4200	ug/m3	1390
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			1100	2800	8200	ug/m3	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	2300	5300	8200	ug/m3	2430
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			1100	2800	8200	ug/m3	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	600	1400	4200	ug/m3	156
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	540	1400	8200	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	3000	6800	43000	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	1800	5100	8200	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	9800	22000	42000	ug/m3	1080000
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	580	1400	4300	ug/m3	40.7
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			630	1400	4200	ug/m3	120
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	700	2600	4200	ug/m3	520
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	540	2600	4200	ug/m3	348000
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	470	1400	4300	ug/m3	55.9
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	1200	2600	4200	ug/m3	20900
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	1300	4400	8200	ug/m3	24300
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	900	2600	4300	ug/m3	851
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	630	1400	4200	ug/m3	25.3
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	640	2700	4400	ug/m3	585

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	660	2600	4200	ug/m3	24300
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	710	2600	4200	ug/m3	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	620	1400	4300	ug/m3	1040000
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	900	2600	8200	ug/m3	174000
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	590	1400	4200	ug/m3	69.5
SVMW-09-250	SV09-250-212	4/5/2021	N	N	U	U	1100	2500	4200	ug/m3	27.5
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			630	1400	4300	ug/m3	3480
SVMW-09-250	SV09-250-212	4/5/2021	N	Y			600	1400	4200	ug/m3	NS
SVMW-09-250	SV09-250-212	4/5/2021	N	Y		D	1300	3500	11000	ug/m3	174000
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	5000	11000	17000	ug/m3	20900
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	5400	18000	34000	ug/m3	24300
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	3700	11000	18000	ug/m3	851
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2600	5700	17000	ug/m3	25.3
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2600	11000	18000	ug/m3	585
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2700	11000	17000	ug/m3	24300
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2900	11000	17000	ug/m3	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2600	5700	18000	ug/m3	1040000
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	3700	11000	34000	ug/m3	174000
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	2400	5700	17000	ug/m3	69.5
SVMW-09-266	SV09-266-212	4/5/2021	N	N	U	U	4400	10000	17000	ug/m3	27.5
SVMW-09-266	SV09-266-212	4/5/2021	N	Y			2600	5700	18000	ug/m3	3480
SVMW-09-266	SV09-266-212	4/5/2021	N	Y	J	J	2500	5700	17000	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.46	1	3.2	ug/m3	374
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.53	2	3.2	ug/m3	34800
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.38	1	3.2	ug/m3	1.56
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.54	2	3.2	ug/m3	31.2
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.36	1	3.2	ug/m3	36
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.45	1	6.2	ug/m3	104000
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.36	1	3.2	ug/m3	36
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.45	1	6.2	ug/m3	104000
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.47	1	3.3	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y	J	J	0.4	1	3.2	ug/m3	174000
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y			0.41	1	6.2	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.68	2	3.2	ug/m3	24300
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.92	2.1	6.2	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.8	2	3.2	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.8	2	6.2	ug/m3	69.5
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.39	1	3.2	ug/m3	187
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.43	1	3.2	ug/m3	34.7
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y	J	J	0.42	1	3.2	ug/m3	1390
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.86	2.1	6.2	ug/m3	3480
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	UL	1.7	4	6.2	ug/m3	2430
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.52	2	3.2	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.86	2.1	6.2	ug/m3	3480
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.46	1	3.1	ug/m3	156
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.41	1	6.2	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y	J	J	2.3	5.1	33	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	1.4	3.9	6.2	ug/m3	NS
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	7.4	17	32	ug/m3	1080000
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.44	1	3.3	ug/m3	40.7
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y	J	J	0.47	1	3.2	ug/m3	120
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.53	2	3.2	ug/m3	520
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.41	2	3.2	ug/m3	348000
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.35	1	3.3	ug/m3	55.9
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.92	2	3.2	ug/m3	20900
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.98	3.3	6.2	ug/m3	24300
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.68	2	3.3	ug/m3	851

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.47	1	3.2	ug/m3	25.3
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.48	2	3.3	ug/m3	585
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y	J	J	0.5	2	3.1	ug/m3	24300
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y			0.54	2	3.2	ug/m3	3480
KAFB-106028-150	SV028-150-212	4/5/2021	N	Y	J	J	0.47	1	3.3	ug/m3	1040000
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.68	2	6.2	ug/m3	174000
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.44	1	3.1	ug/m3	69.5
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.8	1.9	3.2	ug/m3	27.5
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.47	1	3.3	ug/m3	3480
KAFB-106028-150	SV028-150-212	4/5/2021	N	N	U	U	0.46	1	3.2	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.34	0.77	2.4	ug/m3	374
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.28	0.77	2.4	ug/m3	1.56
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.27	0.77	2.4	ug/m3	36
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.33	0.77	4.6	ug/m3	104000
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.3	0.77	2.4	ug/m3	174000
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y			0.3	0.77	4.6	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	24300
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.68	1.5	4.6	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y	J	J	0.59	1.5	2.4	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.29	0.77	2.4	ug/m3	187
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	34.7
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.31	0.77	2.4	ug/m3	1390
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.64	1.5	4.6	ug/m3	3480
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	UL	1.3	3	4.6	ug/m3	2430
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.64	1.5	4.6	ug/m3	3480
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.34	0.77	2.3	ug/m3	156
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y	J	J	0.3	0.77	4.6	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y			1	2.9	4.6	ug/m3	NS
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	5.5	12	24	ug/m3	1080000
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	40.7
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	120
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.68	1.5	2.4	ug/m3	20900
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.73	2.5	4.6	ug/m3	24300
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	25.3
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.35	1.5	2.5	ug/m3	585
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	1040000
KAFB-106028-250	SV028-250-212	4/5/2021	N	Y	J	J	0.5	1.5	4.6	ug/m3	174000
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	69.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	3480
KAFB-106028-250	SV028-250-212	4/5/2021	N	N	U	U	0.34	0.77	2.4	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.34	0.77	2.3	ug/m3	374
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	34800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.28	0.77	2.3	ug/m3	1.56
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.4	1.4	2.3	ug/m3	31.2
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.27	0.77	2.3	ug/m3	36
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.33	0.77	4.5	ug/m3	104000
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.29	0.77	2.3	ug/m3	174000
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.5	1.4	2.3	ug/m3	24300
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.68	1.5	4.5	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.59	1.4	2.3	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.59	1.4	4.5	ug/m3	69.5
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.28	0.77	2.3	ug/m3	187
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.32	0.77	2.3	ug/m3	34.7
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.31	0.77	2.3	ug/m3	1390
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.63	1.5	4.5	ug/m3	3480
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	UL	1.3	2.9	4.5	ug/m3	2430
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.63	1.5	4.5	ug/m3	3480
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.33	0.77	2.3	ug/m3	156
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	1.7	3.7	24	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.99	2.8	4.5	ug/m3	NS
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	5.4	12	23	ug/m3	1080000
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.32	0.77	2.4	ug/m3	40.7
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.35	0.77	2.3	ug/m3	120
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.39	1.4	2.3	ug/m3	520
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.3	1.4	2.3	ug/m3	348000
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.26	0.77	2.4	ug/m3	55.9
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.68	1.4	2.3	ug/m3	20900
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.72	2.4	4.5	ug/m3	24300
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	851
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.35	0.77	2.3	ug/m3	25.3
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.35	1.5	2.4	ug/m3	585
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.36	1.4	2.3	ug/m3	24300
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.34	0.77	2.4	ug/m3	1040000
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.5	1.4	4.5	ug/m3	174000
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.32	0.77	2.3	ug/m3	69.5
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.59	1.4	2.3	ug/m3	27.5
KAFB-106028-350	SV028-350-212	4/5/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	3480
KAFB-106028-350	SV028-350-212	4/5/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.42	0.95	2.9	ug/m3	374
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	34800
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y			0.35	0.95	2.9	ug/m3	1.56
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	31.2
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.33	0.95	2.9	ug/m3	36
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.41	0.95	5.6	ug/m3	104000
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.43	0.95	3	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.36	0.95	2.9	ug/m3	174000
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.37	0.95	5.6	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.61	1.8	2.9	ug/m3	24300
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.84	1.9	5.6	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y			0.72	1.8	2.9	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.72	1.8	5.6	ug/m3	69.5
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.35	0.95	2.9	ug/m3	187

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.39	0.95	2.9	ug/m3	34.7
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.38	0.95	2.9	ug/m3	1390
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.78	1.9	5.6	ug/m3	3480
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	UL	1.6	3.6	5.6	ug/m3	2430
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.47	1.8	2.9	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.78	1.9	5.6	ug/m3	3480
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.41	0.95	2.8	ug/m3	156
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.37	0.95	5.6	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	2.1	4.6	30	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	1.2	3.5	5.6	ug/m3	NS
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	6.7	15	29	ug/m3	1080000
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.4	0.95	3	ug/m3	40.7
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.43	0.95	2.9	ug/m3	120
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	520
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y			0.37	1.8	2.9	ug/m3	348000
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.32	0.95	3	ug/m3	55.9
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.84	1.8	2.9	ug/m3	20900
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.89	3	5.6	ug/m3	24300
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.61	1.8	3	ug/m3	851
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.43	0.95	2.9	ug/m3	25.3
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.43	1.8	3	ug/m3	585
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.45	1.8	2.8	ug/m3	24300
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y			0.49	1.8	2.9	ug/m3	3480
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.42	0.95	3	ug/m3	1040000
KAFB-106028-450	SV028-450-212	4/5/2021	N	Y	J	J	0.61	1.8	5.6	ug/m3	174000
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.4	0.95	2.8	ug/m3	69.5
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.72	1.7	2.9	ug/m3	27.5
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.43	0.95	3	ug/m3	3480
KAFB-106028-450	SV028-450-212	4/5/2021	N	N	U	U	0.41	0.95	2.9	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	11	24	73	ug/m3	374
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	12	45	73	ug/m3	34800
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	8.8	24	73	ug/m3	1.56
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	12	45	73	ug/m3	31.2
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	8.3	24	73	ug/m3	36
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	10	24	140	ug/m3	104000
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	11	24	75	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y			9.2	24	73	ug/m3	174000
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	9.5	24	140	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	16	45	73	ug/m3	24300
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	21	48	140	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	18	45	73	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	18	45	140	ug/m3	69.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	8.9	24	73	ug/m3	187
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	9.9	24	73	ug/m3	34.7
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	9.8	24	73	ug/m3	1390
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	20	48	140	ug/m3	3480
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	JL	40	92	140	ug/m3	2430
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	12	45	73	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	20	48	140	ug/m3	3480
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	10	24	72	ug/m3	156
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	9.3	24	140	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y			52	120	750	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	31	89	140	ug/m3	NS
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	170	380	730	ug/m3	1080000
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	10	24	75	ug/m3	40.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	11	24	73	ug/m3	120
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	12	45	73	ug/m3	520
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	9.3	45	73	ug/m3	348000
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	8.1	24	75	ug/m3	55.9
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y			21	45	73	ug/m3	20900
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	23	76	140	ug/m3	24300
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	16	45	75	ug/m3	851
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	11	24	73	ug/m3	25.3
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	11	47	76	ug/m3	585
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	11	45	72	ug/m3	24300
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	12	45	73	ug/m3	3480
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y			11	24	75	ug/m3	1040000
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	16	45	140	ug/m3	174000
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	10	24	72	ug/m3	69.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	N	U	U	18	44	73	ug/m3	27.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	11	24	75	ug/m3	3480
KAFB-106111-025	SV111-025-212	4/6/2021	N	Y	J	J	10	24	73	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	41	94	290	ug/m3	374
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	47	180	290	ug/m3	34800
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	34	94	290	ug/m3	1.56
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	49	180	290	ug/m3	31.2
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	33	94	290	ug/m3	36
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	40	94	550	ug/m3	104000
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	42	94	290	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			36	94	290	ug/m3	174000
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	37	94	550	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	61	180	290	ug/m3	24300
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	83	190	550	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			72	180	290	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	72	180	550	ug/m3	69.5
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	35	94	290	ug/m3	187
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	39	94	290	ug/m3	34.7
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	38	94	290	ug/m3	1390
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	77	190	550	ug/m3	3480
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	JL	150	360	550	ug/m3	2430
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	47	180	290	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	77	190	550	ug/m3	3480
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	41	94	280	ug/m3	156
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	36	94	550	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			200	460	2900	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			120	350	550	ug/m3	NS
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			660	1500	2900	ug/m3	1080000
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	39	94	290	ug/m3	40.7
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			42	94	290	ug/m3	120
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	47	180	290	ug/m3	520
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	36	180	290	ug/m3	348000
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	31	94	290	ug/m3	55.9
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y			83	180	290	ug/m3	20900
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	88	300	550	ug/m3	24300
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	61	180	290	ug/m3	851
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	42	94	290	ug/m3	25.3
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	43	180	300	ug/m3	585
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	45	180	280	ug/m3	24300
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	48	180	290	ug/m3	3480
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	42	94	290	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lim	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	61	180	550	ug/m3	174000
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	40	94	280	ug/m3	69.5
KAFB-106111-050	SV111-050-212	4/6/2021	N	N	U	U	72	170	290	ug/m3	27.5
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	42	94	290	ug/m3	3480
KAFB-106111-050	SV111-050-212	4/6/2021	N	Y	J	J	41	94	290	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	48	110	330	ug/m3	374
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	54	200	330	ug/m3	34800
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	39	110	330	ug/m3	1.56
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	56	200	330	ug/m3	31.2
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	37	110	330	ug/m3	36
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	46	110	630	ug/m3	104000
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	49	110	340	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	41	110	330	ug/m3	174000
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	42	110	630	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	70	200	330	ug/m3	24300
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	95	220	630	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	82	200	330	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	82	200	630	ug/m3	69.5
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	40	110	330	ug/m3	187
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	44	110	330	ug/m3	34.7
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	44	110	330	ug/m3	1390
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	89	220	630	ug/m3	3480
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	UL	180	410	630	ug/m3	2430
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	54	200	330	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	89	220	630	ug/m3	3480
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	47	110	320	ug/m3	156
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	42	110	630	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	230	530	3400	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	140	400	630	ug/m3	NS
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	760	1700	3300	ug/m3	1080000
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	45	110	340	ug/m3	40.7
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y			49	110	330	ug/m3	120
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	54	200	330	ug/m3	520
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	42	200	330	ug/m3	348000
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	36	110	340	ug/m3	55.9
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y			95	200	330	ug/m3	20900
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	100	340	630	ug/m3	24300
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	70	200	340	ug/m3	851
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	49	110	330	ug/m3	25.3
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	49	210	340	ug/m3	585
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	51	200	320	ug/m3	24300
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	55	200	330	ug/m3	3480
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	48	110	340	ug/m3	1040000
KAFB-106111-150	SV111-150-212	4/6/2021	N	Y	J	J	70	200	630	ug/m3	174000
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	46	110	320	ug/m3	69.5
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	82	200	330	ug/m3	27.5
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	49	110	340	ug/m3	3480
KAFB-106111-150	SV111-150-212	4/6/2021	N	N	U	U	47	110	330	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	130	300	900	ug/m3	374
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	150	560	900	ug/m3	34800
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	110	300	900	ug/m3	1.56
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	150	560	900	ug/m3	31.2
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	100	300	900	ug/m3	36
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	130	300	1700	ug/m3	104000
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			130	300	920	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	110	300	900	ug/m3	174000
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	120	300	1700	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			190	560	900	ug/m3	24300
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			260	590	1700	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	230	560	900	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	230	560	1700	ug/m3	69.5
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	110	300	900	ug/m3	187
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	120	300	900	ug/m3	34.7
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	120	300	900	ug/m3	1390
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			240	590	1700	ug/m3	3480
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	JL	490	1100	1700	ug/m3	2430
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			150	560	900	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	J	240	590	1700	ug/m3	3480
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	J	130	300	890	ug/m3	156
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	110	300	1700	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			640	1400	9200	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	J	380	1100	1700	ug/m3	NS
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	2100	4700	9000	ug/m3	1080000
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	120	300	920	ug/m3	40.7
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			130	300	900	ug/m3	120
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	150	560	900	ug/m3	520
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	110	560	900	ug/m3	348000
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	99	300	920	ug/m3	55.9
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			260	560	900	ug/m3	20900
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	280	940	1700	ug/m3	24300
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	190	560	920	ug/m3	851
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	130	300	900	ug/m3	25.3
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	140	570	940	ug/m3	585
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	140	560	890	ug/m3	24300
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	J	150	560	900	ug/m3	3480
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	J	130	300	920	ug/m3	1040000
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y	J	J	190	560	1700	ug/m3	174000
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	130	300	890	ug/m3	69.5
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	230	540	900	ug/m3	27.5
KAFB-106111-250	SV111-250-212	4/6/2021	N	Y			130	300	920	ug/m3	3480
KAFB-106111-250	SV111-250-212	4/6/2021	N	N	U	U	130	300	900	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	550	1300	3800	ug/m3	374
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	630	2400	3800	ug/m3	34800
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	460	1300	3800	ug/m3	1.56
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	650	2400	3800	ug/m3	31.2
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	430	1300	3800	ug/m3	36
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	540	1300	7400	ug/m3	104000
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	570	1300	3900	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			480	1300	3800	ug/m3	174000
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	490	1300	7400	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			810	2400	3800	ug/m3	24300
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			1100	2500	7400	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			960	2400	3800	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	960	2400	7400	ug/m3	69.5
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	460	1300	3800	ug/m3	187
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	520	1300	3800	ug/m3	34.7
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	510	1300	3800	ug/m3	1390
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			1000	2500	7400	ug/m3	3480
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	JL	2100	4800	7400	ug/m3	2430
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			630	2400	3800	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	1000	2500	7400	ug/m3	3480
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	550	1300	3800	ug/m3	156
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	490	1300	7400	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			2700	6100	39000	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	1600	4600	7400	ug/m3	NS
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	8800	20000	38000	ug/m3	1080000
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	520	1300	3900	ug/m3	40.7
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			570	1300	3800	ug/m3	120
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	630	2400	3800	ug/m3	520
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	490	2400	3800	ug/m3	348000
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	420	1300	3900	ug/m3	55.9
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	1100	2400	3800	ug/m3	20900
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	1200	4000	7400	ug/m3	24300
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	810	2400	3900	ug/m3	851
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	570	1300	3800	ug/m3	25.3
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	570	2400	4000	ug/m3	585
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	600	2400	3800	ug/m3	24300
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	640	2400	3800	ug/m3	3480
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	560	1300	3900	ug/m3	1040000
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y	J	J	810	2400	7400	ug/m3	174000
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	530	1300	3800	ug/m3	69.5
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	960	2300	3800	ug/m3	27.5
KAFB-106111-350	SV111-350-212	4/6/2021	N	Y			570	1300	3900	ug/m3	3480
KAFB-106111-350	SV111-350-212	4/6/2021	N	N	U	U	550	1300	3800	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	38	85	260	ug/m3	374
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	43	160	260	ug/m3	34800
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	31	85	260	ug/m3	1.56
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	44	160	260	ug/m3	31.2
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	30	85	260	ug/m3	36
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	37	85	500	ug/m3	104000
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	39	85	270	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			33	85	260	ug/m3	174000
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	34	85	500	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			55	160	260	ug/m3	24300
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			75	170	500	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	65	160	260	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	65	160	500	ug/m3	69.5
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	32	85	260	ug/m3	187
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	35	85	260	ug/m3	34.7
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	35	85	260	ug/m3	1390
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	70	170	500	ug/m3	3480
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	JL	140	330	500	ug/m3	2430
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			43	160	260	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	70	170	500	ug/m3	3480
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	37	85	260	ug/m3	156
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	33	85	500	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			190	420	2700	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	110	320	500	ug/m3	NS
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	600	1400	2600	ug/m3	1080000
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	36	85	270	ug/m3	40.7
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			39	85	260	ug/m3	120
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	43	160	260	ug/m3	520
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	33	160	260	ug/m3	348000
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	29	85	270	ug/m3	55.9
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	75	160	260	ug/m3	20900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	80	270	500	ug/m3	24300
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	55	160	270	ug/m3	851
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	39	85	260	ug/m3	25.3
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	39	170	270	ug/m3	585
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	41	160	260	ug/m3	24300
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y			44	160	260	ug/m3	3480
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	38	85	270	ug/m3	1040000
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	55	160	500	ug/m3	174000
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	36	85	260	ug/m3	69.5
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	65	160	260	ug/m3	27.5
KAFB-106111-450	SV111-450-212	4/6/2021	N	Y	J	J	39	85	270	ug/m3	3480
KAFB-106111-450	SV111-450-212	4/6/2021	N	N	U	U	37	85	260	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	374
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.33	0.78	4.6	ug/m3	104000
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.5	1.5	2.4	ug/m3	24300
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.69	1.6	4.6	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.59	1.5	2.4	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	L	1.3	3	4.6	ug/m3	2430
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	40.7
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	120
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.73	2.5	4.6	ug/m3	24300
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.5	1.5	4.6	ug/m3	174000
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.33	0.78	2.3	ug/m3	69.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	3480
KAFB-106114-025	SV114-025-212	4/6/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	374
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.36	0.84	5	ug/m3	104000
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y			0.32	0.84	2.6	ug/m3	174000
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y			0.33	0.84	5	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	24300
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.74	1.7	5	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.64	1.6	5	ug/m3	69.5
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	34.7
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.34	0.84	2.6	ug/m3	1390
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.69	1.7	5	ug/m3	3480
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	L	1.4	3.2	5	ug/m3	2430
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.69	1.7	5	ug/m3	3480
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y			0.37	0.84	2.5	ug/m3	156
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.33	0.84	5	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	1.1	3.1	5	ug/m3	NS
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	5.9	13	26	ug/m3	1080000
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.35	0.84	2.6	ug/m3	40.7
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.79	2.7	5	ug/m3	24300
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y			0.38	0.84	2.6	ug/m3	1040000
KAFB-106114-050	SV114-050-212	4/6/2021	N	Y	J	J	0.54	1.6	5	ug/m3	174000
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.36	0.84	2.5	ug/m3	69.5
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.64	1.5	2.6	ug/m3	27.5
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	3480
KAFB-106114-050	SV114-050-212	4/6/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	374
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.36	0.84	5	ug/m3	104000
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.32	0.84	2.6	ug/m3	174000
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.33	0.84	5	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	24300
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.74	1.7	5	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.64	1.6	5	ug/m3	69.5
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.31	0.84	2.6	ug/m3	187
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	34.7
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.34	0.84	2.6	ug/m3	1390
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.69	1.7	5	ug/m3	3480
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	UL	1.4	3.2	5	ug/m3	2430
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.69	1.7	5	ug/m3	3480
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y			0.37	0.84	2.5	ug/m3	156
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.33	0.84	5	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	1.1	3.1	5	ug/m3	NS
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	5.9	13	26	ug/m3	1080000
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.35	0.84	2.6	ug/m3	40.7
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y			0.79	2.7	5	ug/m3	24300
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y			0.38	0.84	2.6	ug/m3	1040000
KAFB-106114-150	SV114-150-212	4/6/2021	N	Y	J	J	0.54	1.6	5	ug/m3	174000
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.36	0.84	2.5	ug/m3	69.5
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.64	1.5	2.6	ug/m3	27.5
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	3480
KAFB-106114-150	SV114-150-212	4/6/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.35	0.8	2.5	ug/m3	374
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	34800
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.29	0.8	2.5	ug/m3	1.56
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.28	0.8	2.5	ug/m3	36
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.34	0.8	4.7	ug/m3	104000
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.36	0.8	2.5	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.31	0.8	2.5	ug/m3	174000
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.32	0.8	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.52	1.5	2.5	ug/m3	24300
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.71	1.6	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.61	1.5	2.5	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.3	0.8	2.5	ug/m3	187
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.33	0.8	2.5	ug/m3	34.7
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.33	0.8	2.5	ug/m3	1390
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.66	1.6	4.7	ug/m3	3480
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	L	1.3	3.1	4.7	ug/m3	2430
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.4	1.5	2.5	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.66	1.6	4.7	ug/m3	3480
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.35	0.8	2.4	ug/m3	156
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.31	0.8	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	1.7	3.9	25	ug/m3	NS
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			1	3	4.7	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	5.7	13	25	ug/m3	1080000
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.34	0.8	2.5	ug/m3	40.7
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	120
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.31	1.5	2.5	ug/m3	348000
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.27	0.8	2.5	ug/m3	55.9
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.71	1.5	2.5	ug/m3	20900
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.76	2.6	4.7	ug/m3	24300
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.36	0.8	2.5	ug/m3	25.3
KAFB-106114-250	SV114-250-212	4/6/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.36	0.8	2.5	ug/m3	1040000
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.52	1.5	4.7	ug/m3	174000
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.34	0.8	2.4	ug/m3	69.5
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y			0.61	1.5	2.5	ug/m3	27.5
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	3480
KAFB-106114-250	SV114-250-212	4/6/2021	N	Y	J	J	0.35	0.8	2.5	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.35	0.8	2.4	ug/m3	374
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.29	0.8	2.4	ug/m3	1.56
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.28	0.8	2.4	ug/m3	36
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.34	0.8	4.7	ug/m3	104000
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.36	0.8	2.5	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.31	0.8	2.4	ug/m3	174000
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.31	0.8	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.31	0.8	2.4	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.52	1.5	2.4	ug/m3	24300
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.71	1.6	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.61	1.5	2.4	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.3	0.8	2.4	ug/m3	187
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.33	0.8	2.4	ug/m3	34.7
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.32	0.8	2.4	ug/m3	1390
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.66	1.6	4.7	ug/m3	3480
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	UL	1.3	3.1	4.7	ug/m3	2430
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.66	1.6	4.7	ug/m3	3480
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y			0.35	0.8	2.4	ug/m3	156
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.31	0.8	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	1.7	3.9	25	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	1	3	4.7	ug/m3	NS
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	5.6	13	24	ug/m3	1080000
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y			0.33	0.8	2.5	ug/m3	40.7
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.36	0.8	2.4	ug/m3	120
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.27	0.8	2.5	ug/m3	55.9
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.71	1.5	2.4	ug/m3	20900
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y			0.75	2.5	4.7	ug/m3	24300
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.36	0.8	2.4	ug/m3	25.3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.37	1.6	2.5	ug/m3	585
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y			0.38	1.5	2.4	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y			0.41	1.5	2.4	ug/m3	3480
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y			0.36	0.8	2.5	ug/m3	1040000
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.52	1.5	4.7	ug/m3	174000
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Y	J	J	0.34	0.8	2.4	ug/m3	69.5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.61	1.5	2.4	ug/m3	27.5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.36	0.8	2.5	ug/m3	3480
KAFB-106114-250	SV114-250-612	4/6/2021	FD	N	U	U	0.35	0.8	2.4	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.8	8.6	26	ug/m3	374
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	4.4	16	26	ug/m3	34800
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.1	8.6	26	ug/m3	1.56
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	4.5	16	26	ug/m3	31.2
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3	8.6	26	ug/m3	36
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.7	8.6	51	ug/m3	104000
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.9	8.6	27	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.3	8.6	26	ug/m3	174000
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.4	8.6	51	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	5.6	16	26	ug/m3	24300
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	7.6	17	51	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y	J	J	6.6	16	26	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	6.6	16	51	ug/m3	69.5
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.2	8.6	26	ug/m3	187
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.6	8.6	26	ug/m3	34.7
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y	J	J	3.5	8.6	26	ug/m3	1390
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	7.1	17	51	ug/m3	3480
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	UL	14	33	51	ug/m3	2430
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	4.3	16	26	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	7.1	17	51	ug/m3	3480
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y	J	J	3.8	8.6	26	ug/m3	156
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.3	8.6	51	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	19	42	270	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	11	32	51	ug/m3	NS
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	61	140	260	ug/m3	1080000
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.6	8.6	27	ug/m3	40.7
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y	J	J	3.9	8.6	26	ug/m3	120
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	4.4	16	26	ug/m3	520
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.3	16	26	ug/m3	348000
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	2.9	8.6	27	ug/m3	55.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	7.6	16	26	ug/m3	20900
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	8.1	27	51	ug/m3	24300
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	5.6	16	27	ug/m3	851
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.9	8.6	26	ug/m3	25.3
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	4	17	27	ug/m3	585
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y			4.1	16	26	ug/m3	24300
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y			4.4	16	26	ug/m3	3480
KAFB-106114-350	SV114-350-212	4/6/2021	N	Y			3.9	8.6	27	ug/m3	1040000
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	5.6	16	51	ug/m3	174000
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.7	8.6	26	ug/m3	69.5
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	6.6	16	26	ug/m3	27.5
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.9	8.6	27	ug/m3	3480
KAFB-106114-350	SV114-350-212	4/6/2021	N	N	U	U	3.8	8.6	26	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y		D	1000	3800	6200	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			270	610	1900	ug/m3	374
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	310	1200	1900	ug/m3	34800
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	220	610	1900	ug/m3	1.56
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	320	1200	1900	ug/m3	31.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lim	reporting_detection_lir	quantitation_lim	detection_limit_unit	Project Screening L
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	210	610	1900	ug/m3	36
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	260	610	3600	ug/m3	104000
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			280	610	1900	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			230	610	1900	ug/m3	174000
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	240	610	3600	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			400	1200	1900	ug/m3	24300
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			540	1200	3600	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			470	1200	1900	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	470	1200	3600	ug/m3	69.5
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	230	610	1900	ug/m3	187
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	250	610	1900	ug/m3	34.7
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	250	610	1900	ug/m3	1390
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			500	1200	3600	ug/m3	3480
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y	J	JL	1000	2300	3600	ug/m3	2430
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			500	1200	3600	ug/m3	3480
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	270	610	1800	ug/m3	156
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	240	610	3600	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y	J	J	1300	3000	19000	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y	J	J	790	2300	3600	ug/m3	NS
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	4300	9700	19000	ug/m3	1080000
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	260	610	1900	ug/m3	40.7
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			280	610	1900	ug/m3	120
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	310	1200	1900	ug/m3	520
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	240	1200	1900	ug/m3	348000
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	210	610	1900	ug/m3	55.9
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y	J	J	540	1200	1900	ug/m3	20900
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	580	1900	3600	ug/m3	24300
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	400	1200	1900	ug/m3	851
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	280	610	1900	ug/m3	25.3
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	280	1200	1900	ug/m3	585
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y	J	J	290	1200	1800	ug/m3	24300
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			310	1200	1900	ug/m3	3480
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	270	610	1900	ug/m3	1040000
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y	J	J	400	1200	3600	ug/m3	174000
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	260	610	1800	ug/m3	69.5
KAFB-106114-450	SV114-450-212	4/6/2021	N	N	U	U	470	1100	1900	ug/m3	27.5
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			280	610	1900	ug/m3	3480
KAFB-106114-450	SV114-450-212	4/6/2021	N	Y			270	610	1900	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.38	0.87	2.7	ug/m3	374
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	34800
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.32	0.87	2.7	ug/m3	1.56
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.45	1.6	2.7	ug/m3	31.2
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.3	0.87	2.7	ug/m3	36
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.37	0.87	5.1	ug/m3	104000
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.39	0.87	2.7	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.33	0.87	2.7	ug/m3	174000
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.34	0.87	5.1	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.56	1.6	2.7	ug/m3	24300
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.77	1.7	5.1	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.67	1.6	2.7	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.67	1.6	5.1	ug/m3	69.5
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.32	0.87	2.7	ug/m3	187
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.36	0.87	2.7	ug/m3	34.7
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.35	0.87	2.7	ug/m3	1390
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.72	1.7	5.1	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	UL	1.4	3.3	5.1	ug/m3	2430
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.44	1.6	2.7	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.72	1.7	5.1	ug/m3	3480
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.38	0.87	2.6	ug/m3	156
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.34	0.87	5.1	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	1.9	4.3	27	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			6.2	14	27	ug/m3	1080000
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.36	0.87	2.7	ug/m3	40.7
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.39	0.87	2.7	ug/m3	120
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.44	1.6	2.7	ug/m3	520
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.34	1.6	2.7	ug/m3	348000
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.29	0.87	2.7	ug/m3	55.9
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.77	1.6	2.7	ug/m3	20900
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.82	2.8	5.1	ug/m3	24300
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	25.3
KAFB-106116-025	SV116-025-212	4/6/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.42	1.6	2.6	ug/m3	24300
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.45	1.6	2.7	ug/m3	3480
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.39	0.87	2.7	ug/m3	1040000
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.56	1.6	5.1	ug/m3	174000
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.37	0.87	2.6	ug/m3	69.5
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y	J	J	0.67	1.6	2.7	ug/m3	27.5
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.39	0.87	2.7	ug/m3	3480
KAFB-106116-025	SV116-025-212	4/6/2021	N	Y			0.38	0.87	2.7	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.41	0.92	2.8	ug/m3	374
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.33	0.92	2.8	ug/m3	1.56
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.32	0.92	2.8	ug/m3	36
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.39	0.92	5.4	ug/m3	104000
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.42	0.92	2.9	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.35	0.92	2.8	ug/m3	174000
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.36	0.92	5.4	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.59	1.7	2.8	ug/m3	24300
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.81	1.8	5.4	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.7	1.7	2.8	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.7	1.7	5.4	ug/m3	69.5
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.34	0.92	2.8	ug/m3	187
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.38	0.92	2.8	ug/m3	34.7
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.37	0.92	2.8	ug/m3	1390
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.76	1.8	5.4	ug/m3	3480
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	UL	1.5	3.5	5.4	ug/m3	2430
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.46	1.7	2.8	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.76	1.8	5.4	ug/m3	3480
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.4	0.92	2.8	ug/m3	156
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.36	0.92	5.4	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	2	4.5	29	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	1.2	3.4	5.4	ug/m3	NS
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	6.5	15	28	ug/m3	1080000
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.38	0.92	2.9	ug/m3	40.7
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.42	0.92	2.8	ug/m3	120
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	520
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.36	1.7	2.8	ug/m3	348000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.31	0.92	2.9	ug/m3	55.9
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.81	1.7	2.8	ug/m3	20900
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.86	2.9	5.4	ug/m3	24300
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.59	1.7	2.9	ug/m3	851
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.42	0.92	2.8	ug/m3	25.3
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.44	1.7	2.8	ug/m3	24300
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.47	1.7	2.8	ug/m3	3480
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.41	0.92	2.9	ug/m3	1040000
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.59	1.7	5.4	ug/m3	174000
KAFB-106116-050	SV116-050-212	4/6/2021	N	N	U	U	0.39	0.92	2.8	ug/m3	69.5
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y	J	J	0.7	1.7	2.8	ug/m3	27.5
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.42	0.92	2.9	ug/m3	3480
KAFB-106116-050	SV116-050-212	4/6/2021	N	Y			0.4	0.92	2.8	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.42	0.95	2.9	ug/m3	374
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	34800
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.35	0.95	2.9	ug/m3	1.56
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	31.2
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.33	0.95	2.9	ug/m3	36
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.41	0.95	5.6	ug/m3	104000
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.43	0.95	3	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.36	0.95	2.9	ug/m3	174000
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.38	0.95	5.6	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.62	1.8	2.9	ug/m3	24300
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.84	1.9	5.6	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.73	1.8	2.9	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.73	1.8	5.6	ug/m3	69.5
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.35	0.95	2.9	ug/m3	187
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.73	1.8	5.6	ug/m3	69.5
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.35	0.95	2.9	ug/m3	187
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.39	0.95	2.9	ug/m3	34.7
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.39	0.95	2.9	ug/m3	1390
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.78	1.9	5.6	ug/m3	3480
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	UL	1.6	3.6	5.6	ug/m3	2430
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.78	1.9	5.6	ug/m3	3480
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.41	0.95	2.9	ug/m3	156
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.37	0.95	5.6	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	2.1	4.6	30	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	1.2	3.5	5.6	ug/m3	NS
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	6.7	15	29	ug/m3	1080000
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.4	0.95	3	ug/m3	40.7
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.43	0.95	2.9	ug/m3	120
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	520
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.37	1.8	2.9	ug/m3	348000
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.32	0.95	3	ug/m3	55.9
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.84	1.8	2.9	ug/m3	20900
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.9	3	5.6	ug/m3	24300
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.62	1.8	3	ug/m3	851
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.43	0.95	2.9	ug/m3	25.3
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.44	1.8	3	ug/m3	585
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.45	1.8	2.9	ug/m3	24300
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.49	1.8	2.9	ug/m3	3480
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.43	0.95	3	ug/m3	1040000
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y			0.62	1.8	5.6	ug/m3	174000
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.4	0.95	2.9	ug/m3	69.5
KAFB-106116-150	SV116-150-212	4/6/2021	N	N	U	U	0.73	1.7	2.9	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.43	0.95	3	ug/m3	3480
KAFB-106116-150	SV116-150-212	4/6/2021	N	Y	J	J	0.41	0.95	2.9	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	8.9	20	61	ug/m3	374
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	10	38	61	ug/m3	34800
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	7.3	20	61	ug/m3	1.56
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	10	38	61	ug/m3	31.2
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	7	20	61	ug/m3	36
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	8.6	20	120	ug/m3	104000
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	9.1	20	63	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	7.7	20	61	ug/m3	174000
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	7.9	20	120	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			13	38	61	ug/m3	24300
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			18	40	120	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	15	38	61	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	15	38	120	ug/m3	69.5
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	7.4	20	61	ug/m3	187
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	8.3	20	61	ug/m3	34.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	8.1	20	61	ug/m3	1390
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	17	40	120	ug/m3	3480
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	JL	33	77	120	ug/m3	2430
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			10	38	61	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	17	40	120	ug/m3	3480
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	8.7	20	60	ug/m3	156
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	7.8	20	120	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			44	98	630	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	26	74	120	ug/m3	NS
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	140	320	610	ug/m3	1080000
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	8.4	20	63	ug/m3	40.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			9.1	20	61	ug/m3	120
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	10	38	61	ug/m3	520
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	7.8	38	61	ug/m3	348000
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	6.7	20	63	ug/m3	55.9
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			18	38	61	ug/m3	20900
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	19	64	120	ug/m3	24300
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	13	38	63	ug/m3	851
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	9.1	20	61	ug/m3	25.3
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	9.2	39	64	ug/m3	585
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	9.6	38	60	ug/m3	24300
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y			10	38	61	ug/m3	3480
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	9	20	63	ug/m3	1040000
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	13	38	120	ug/m3	174000
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	8.5	20	60	ug/m3	69.5
KAFB-106116-250	SV116-250-212	4/6/2021	N	N	U	U	15	37	61	ug/m3	27.5
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	9.1	20	63	ug/m3	3480
KAFB-106116-250	SV116-250-212	4/6/2021	N	Y	J	J	8.7	20	61	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	11	24	74	ug/m3	374
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	12	46	74	ug/m3	34800
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	8.8	24	74	ug/m3	1.56
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	13	46	74	ug/m3	31.2
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	8.4	24	74	ug/m3	36
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	10	24	140	ug/m3	104000
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	11	24	76	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	9.3	24	74	ug/m3	174000
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	9.6	24	140	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			16	46	74	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			21	49	140	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			19	46	74	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	19	46	140	ug/m3	69.5
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	9	24	74	ug/m3	187
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	10	24	74	ug/m3	34.7
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	9.8	24	74	ug/m3	1390
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	20	49	140	ug/m3	3480
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	UL	40	93	140	ug/m3	2430
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			12	46	74	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	20	49	140	ug/m3	3480
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	11	24	73	ug/m3	156
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	9.4	24	140	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J		53	120	760	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	31	90	140	ug/m3	NS
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	170	390	740	ug/m3	1080000
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	10	24	76	ug/m3	40.7
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			11	24	74	ug/m3	120
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	12	46	74	ug/m3	520
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	9.4	46	74	ug/m3	348000
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	8.1	24	76	ug/m3	55.9
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			21	46	74	ug/m3	20900
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	23	77	140	ug/m3	24300
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	16	46	76	ug/m3	851
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	11	24	74	ug/m3	25.3
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	11	47	77	ug/m3	585
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	12	46	73	ug/m3	24300
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			12	46	74	ug/m3	3480
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	11	24	76	ug/m3	1040000
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y			12	46	74	ug/m3	3480
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	11	24	76	ug/m3	1040000
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	16	46	140	ug/m3	174000
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	10	24	73	ug/m3	69.5
KAFB-106116-350	SV116-350-212	4/6/2021	N	N	U	U	19	44	74	ug/m3	27.5
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	11	24	76	ug/m3	3480
KAFB-106116-350	SV116-350-212	4/6/2021	N	Y	J	J	11	24	74	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	28	63	190	ug/m3	374
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	32	120	190	ug/m3	34800
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	23	63	190	ug/m3	1.56
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	33	120	190	ug/m3	31.2
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	22	63	190	ug/m3	36
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	27	63	370	ug/m3	104000
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	28	63	200	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	24	63	190	ug/m3	174000
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	25	63	370	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y			41	120	190	ug/m3	24300
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y			56	130	370	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	48	120	190	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	48	120	370	ug/m3	69.5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	23	63	190	ug/m3	187
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	26	63	190	ug/m3	34.7
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	26	63	190	ug/m3	1390
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	52	130	370	ug/m3	3480
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	UL	100	240	370	ug/m3	2430
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	31	120	190	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	52	130	370	ug/m3	3480
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	27	63	190	ug/m3	156
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	24	63	370	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	140	310	2000	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	81	230	370	ug/m3	NS
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	440	1000	1900	ug/m3	1080000
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	26	63	200	ug/m3	40.7
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y			28	63	190	ug/m3	120
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	32	120	190	ug/m3	520
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	24	120	190	ug/m3	348000
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	21	63	200	ug/m3	55.9
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	56	120	190	ug/m3	20900
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	59	200	370	ug/m3	24300
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	41	120	200	ug/m3	851
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	28	63	190	ug/m3	25.3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	29	120	200	ug/m3	585
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	30	120	190	ug/m3	24300
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y			32	120	190	ug/m3	3480
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	28	63	200	ug/m3	1040000
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	41	120	370	ug/m3	174000
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	27	63	190	ug/m3	69.5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	48	110	190	ug/m3	27.5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Y	J	J	28	63	200	ug/m3	3480
KAFB-106116-350	SV116-350-612	4/6/2021	FD	N	U	U	27	63	190	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			610	1400	4200	ug/m3	374
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	700	2600	4200	ug/m3	34800
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	500	1400	4200	ug/m3	1.56
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	710	2600	4200	ug/m3	31.2
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	480	1400	4200	ug/m3	36
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	590	1400	8100	ug/m3	104000
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			630	1400	4300	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	590	1400	8100	ug/m3	104000
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			630	1400	4300	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			530	1400	4200	ug/m3	174000
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	540	1400	8100	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			890	2600	4200	ug/m3	24300
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			1200	2800	8100	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			1100	2600	4200	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	1100	2600	8100	ug/m3	69.5
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	510	1400	4200	ug/m3	187
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	570	1400	4200	ug/m3	34.7
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	560	1400	4200	ug/m3	1390
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			1100	2800	8100	ug/m3	3480
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	2300	5300	8100	ug/m3	2430
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			690	2600	4200	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			1100	2800	8100	ug/m3	3480
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	600	1400	4100	ug/m3	156
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	540	1400	8100	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y	J	JB	3000	6700	43000	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	1800	5100	8100	ug/m3	NS
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	9700	22000	42000	ug/m3	1080000
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	580	1400	4300	ug/m3	40.7
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			630	1400	4200	ug/m3	120
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	700	2600	4200	ug/m3	520
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	540	2600	4200	ug/m3	348000
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	460	1400	4300	ug/m3	55.9
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	1200	2600	4200	ug/m3	20900
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	1300	4400	8100	ug/m3	24300
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	890	2600	4300	ug/m3	851
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	630	1400	4200	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	630	2700	4400	ug/m3	585
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	660	2600	4100	ug/m3	24300
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y	J	J	710	2600	4200	ug/m3	3480
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	620	1400	4300	ug/m3	1040000
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	890	2600	8100	ug/m3	174000
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	580	1400	4100	ug/m3	69.5
KAFB-106116-450	SV116-450-212	4/6/2021	N	N	U	U	1100	2500	4200	ug/m3	27.5
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			630	1400	4300	ug/m3	3480
KAFB-106116-450	SV116-450-212	4/6/2021	N	Y			600	1400	4200	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	374
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.39	0.86	2.7	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.33	0.86	2.6	ug/m3	174000
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.34	0.86	5.1	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.56	1.6	2.6	ug/m3	24300
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.76	1.7	5.1	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.35	0.86	2.6	ug/m3	34.7
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.35	0.86	2.6	ug/m3	1390
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.71	1.7	5.1	ug/m3	3480
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.43	1.6	2.6	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.43	1.6	2.6	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.71	1.7	5.1	ug/m3	3480
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.37	0.86	2.6	ug/m3	156
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.33	0.86	5.1	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	JB	1.9	4.2	27	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	6.1	14	26	ug/m3	1080000
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.36	0.86	2.7	ug/m3	40.7
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	120
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	520
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.76	1.6	2.6	ug/m3	20900
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.81	2.7	5.1	ug/m3	24300
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.56	1.6	2.7	ug/m3	851
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	25.3
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.44	1.6	2.6	ug/m3	3480
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.38	0.86	2.7	ug/m3	1040000
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.56	1.6	5.1	ug/m3	174000
KAFB-106117-025	SV117-025-212	4/6/2021	N	N	U	U	0.36	0.86	2.6	ug/m3	69.5
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	27.5
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.39	0.86	2.7	ug/m3	3480
KAFB-106117-025	SV117-025-212	4/6/2021	N	Y			0.37	0.86	2.6	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.28	0.79	2.4	ug/m3	36
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.34	0.79	4.7	ug/m3	104000
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.3	0.79	2.4	ug/m3	174000
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.31	0.79	4.7	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.51	1.5	2.4	ug/m3	24300
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.7	1.6	4.7	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.61	1.5	2.4	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	187
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.33	0.79	2.4	ug/m3	34.7
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.32	0.79	2.4	ug/m3	1390
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.65	1.6	4.7	ug/m3	3480
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	1.3	3	4.7	ug/m3	2430
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.4	1.5	2.4	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.65	1.6	4.7	ug/m3	3480
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.35	0.79	2.4	ug/m3	156
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.31	0.79	4.7	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	JB	1.7	3.9	25	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	1	2.9	4.7	ug/m3	NS
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			5.6	13	24	ug/m3	1080000
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.33	0.79	2.5	ug/m3	40.7
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.36	0.79	2.4	ug/m3	120
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	520
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.31	1.5	2.4	ug/m3	348000
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.7	1.5	2.4	ug/m3	20900
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.7	1.5	2.4	ug/m3	20900
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.75	2.5	4.7	ug/m3	24300
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.41	1.5	2.4	ug/m3	3480
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.36	0.79	2.5	ug/m3	1040000
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.51	1.5	4.7	ug/m3	174000
KAFB-106117-050	SV117-050-212	4/6/2021	N	N	U	U	0.34	0.79	2.4	ug/m3	69.5
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y	J	J	0.61	1.4	2.4	ug/m3	27.5
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.36	0.79	2.5	ug/m3	3480
KAFB-106117-050	SV117-050-212	4/6/2021	N	Y			0.35	0.79	2.4	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	374
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.33	0.78	4.6	ug/m3	104000
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.5	1.5	2.4	ug/m3	24300
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.59	1.5	2.4	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.39	1.5	2.4	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	JB	1.7	3.8	24	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	1	2.9	4.6	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.32	0.78	2.4	ug/m3	40.7
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.73	2.5	4.6	ug/m3	24300
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
KAFB-106117-150	SV117-150-212	4/6/2021	N	N	U	U	0.5	1.5	4.6	ug/m3	174000
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.33	0.78	2.3	ug/m3	69.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.59	1.4	2.4	ug/m3	27.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	NS
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
KAFB-106117-150	SV117-150-212	4/6/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y	J	J	46	100	320	ug/m3	374
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	53	200	320	ug/m3	34800
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			38	100	320	ug/m3	1.56
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	54	200	320	ug/m3	31.2
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	36	100	320	ug/m3	36
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	45	100	610	ug/m3	104000
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			47	100	330	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			40	100	320	ug/m3	174000
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	41	100	610	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			67	200	320	ug/m3	24300
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			92	210	610	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			80	200	320	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	80	200	610	ug/m3	69.5
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	39	100	320	ug/m3	187
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	43	100	320	ug/m3	34.7
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	42	100	320	ug/m3	1390
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			86	210	610	ug/m3	3480
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	170	400	610	ug/m3	2430
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			52	200	320	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			86	210	610	ug/m3	3480
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	45	100	310	ug/m3	156
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	40	100	610	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	230	510	3300	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	130	390	610	ug/m3	NS
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	740	1700	3200	ug/m3	1080000
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	44	100	330	ug/m3	40.7
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			47	100	320	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	53	200	320	ug/m3	520
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	40	200	320	ug/m3	348000
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	35	100	330	ug/m3	55.9
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	92	200	320	ug/m3	20900
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	98	330	610	ug/m3	24300
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	67	200	330	ug/m3	851
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	47	100	320	ug/m3	25.3
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	48	200	330	ug/m3	585
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	50	200	310	ug/m3	24300
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y	J	J	53	200	320	ug/m3	3480
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y	J	J	47	100	330	ug/m3	1040000
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	67	200	610	ug/m3	174000
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	44	100	310	ug/m3	69.5
KAFB-106117-350	SV117-350-212	4/6/2021	N	N	U	U	80	190	320	ug/m3	27.5
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			47	100	330	ug/m3	3480
KAFB-106117-350	SV117-350-212	4/6/2021	N	Y			45	100	320	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			710	1600	4900	ug/m3	374
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	810	3000	4900	ug/m3	34800
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y	J	J	580	1600	4900	ug/m3	1.56
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	830	3000	4900	ug/m3	31.2
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	550	1600	4900	ug/m3	36
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	690	1600	9400	ug/m3	104000
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			720	1600	5000	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			610	1600	4900	ug/m3	174000
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	630	1600	9400	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1000	3000	4900	ug/m3	24300
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1400	3200	9400	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1200	3000	4900	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1400	3200	9400	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1200	3000	4900	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	1200	3000	9400	ug/m3	69.5
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	590	1600	4900	ug/m3	187
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	660	1600	4900	ug/m3	34.7
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	650	1600	4900	ug/m3	1390
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1300	3200	9400	ug/m3	3480
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	2600	6100	9400	ug/m3	2430
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			800	3000	4900	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			1300	3200	9400	ug/m3	3480
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	700	1600	4800	ug/m3	156
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	620	1600	9400	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y	J	JB	3500	7800	50000	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	2100	5900	9400	ug/m3	NS
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	11000	25000	49000	ug/m3	1080000
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y	J	J	670	1600	5000	ug/m3	40.7
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			720	1600	4900	ug/m3	120
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	810	3000	4900	ug/m3	520
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	620	3000	4900	ug/m3	348000
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	540	1600	5000	ug/m3	55.9
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y	J	J	1400	3000	4900	ug/m3	20900
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	1500	5100	9400	ug/m3	24300
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	1000	3000	5000	ug/m3	851
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	720	1600	4900	ug/m3	25.3
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	730	3100	5100	ug/m3	585
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	760	3000	4800	ug/m3	24300
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y	J	J	820	3000	4900	ug/m3	3480
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y	J	J	710	1600	5000	ug/m3	1040000
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	1000	3000	9400	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	680	1600	4800	ug/m3	69.5
KAFB-106117-450	SV117-450-212	4/6/2021	N	N	U	U	1200	2900	4900	ug/m3	27.5
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			720	1600	5000	ug/m3	3480
KAFB-106117-450	SV117-450-212	4/6/2021	N	Y			700	1600	4900	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.28	0.64	2	ug/m3	374
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.32	1.2	2	ug/m3	34800
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.23	0.64	2	ug/m3	1.56
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.33	1.2	2	ug/m3	31.2
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.22	0.64	2	ug/m3	36
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.28	0.64	3.8	ug/m3	104000
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.29	0.64	2	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.25	0.64	2	ug/m3	174000
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.25	0.64	3.8	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.42	1.2	2	ug/m3	24300
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.57	1.3	3.8	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.49	1.2	2	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.49	1.2	3.8	ug/m3	69.5
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.24	0.64	2	ug/m3	187
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.26	0.64	2	ug/m3	34.7
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.26	0.64	2	ug/m3	1390
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.53	1.3	3.8	ug/m3	3480
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	1.1	2.5	3.8	ug/m3	2430
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.32	1.2	2	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.53	1.3	3.8	ug/m3	3480
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.28	0.64	1.9	ug/m3	156
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.25	0.64	3.8	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			1.4	3.1	20	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.83	2.4	3.8	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			4.5	10	20	ug/m3	1080000
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.29	0.64	2	ug/m3	120
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.32	1.2	2	ug/m3	520
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.25	1.2	2	ug/m3	348000
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.22	0.64	2	ug/m3	55.9
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.57	1.2	2	ug/m3	20900
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.6	2	3.8	ug/m3	24300
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.42	1.2	2	ug/m3	851
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.29	0.64	2	ug/m3	25.3
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.29	1.2	2	ug/m3	585
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.31	1.2	1.9	ug/m3	24300
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.33	1.2	2	ug/m3	3480
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.29	0.64	2	ug/m3	1040000
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y	J	J	0.42	1.2	3.8	ug/m3	174000
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y			0.27	0.64	1.9	ug/m3	69.5
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.49	1.2	2	ug/m3	27.5
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.29	0.64	2	ug/m3	3480
KAFB-106124-025	SV124-025-212	4/5/2021	N	N	U	U	0.28	0.64	2	ug/m3	NS
KAFB-106124-025	SV124-025-212	4/5/2021	N	Y		D	2.7	6.4	20	ug/m3	40.7
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	374
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	34800
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	31.2
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.36	0.84	4.9	ug/m3	104000
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.32	0.84	2.6	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.33	0.84	4.9	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	24300
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.74	1.7	4.9	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.34	0.84	2.6	ug/m3	34.7
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.34	0.84	2.6	ug/m3	1390
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.69	1.7	4.9	ug/m3	3480
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.69	1.7	4.9	ug/m3	3480
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.36	0.84	2.5	ug/m3	156
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.33	0.84	4.9	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	JB	1.8	4.1	26	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	1.1	3.1	4.9	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			5.9	13	26	ug/m3	1080000
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	120
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	520
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.74	1.6	2.6	ug/m3	20900
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.79	2.7	4.9	ug/m3	24300
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.54	1.6	2.6	ug/m3	851
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.38	0.84	2.6	ug/m3	25.3
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.38	1.6	2.7	ug/m3	585
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	3480
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	1040000
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.54	1.6	4.9	ug/m3	174000
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y			0.35	0.84	2.5	ug/m3	69.5
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.64	1.5	2.6	ug/m3	27.5
KAFB-106124-050	SV124-050-212	4/5/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	3480
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y	J	J	0.36	0.84	2.6	ug/m3	NS
KAFB-106124-050	SV124-050-212	4/5/2021	N	Y		D	3.5	8.4	26	ug/m3	40.7
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	374
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.31	0.82	2.5	ug/m3	174000
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.34	0.82	2.5	ug/m3	34.7
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y			0.33	0.82	2.5	ug/m3	1390
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.68	1.6	4.8	ug/m3	3480
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	1.4	3.1	4.8	ug/m3	2430
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.68	1.6	4.8	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y			0.36	0.82	2.5	ug/m3	156
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	JB	1.8	4	26	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	1.1	3	4.8	ug/m3	NS
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y			0.34	0.82	2.6	ug/m3	40.7
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	120
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.77	2.6	4.8	ug/m3	24300
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y			0.37	0.82	2.5	ug/m3	25.3
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.39	1.5	2.5	ug/m3	24300
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.42	1.5	2.5	ug/m3	3480
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	1040000
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106124-150	SV124-150-212	4/5/2021	N	Y	J	J	0.35	0.82	2.5	ug/m3	69.5
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	27.5
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	3480
KAFB-106124-150	SV124-150-212	4/5/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.36	0.81	2.5	ug/m3	374
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	1.56
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.35	0.81	4.8	ug/m3	104000
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.31	0.81	2.5	ug/m3	174000
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y			0.32	0.81	4.8	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.32	0.81	4.8	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	JB	1.8	4	25	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	1.1	3	4.8	ug/m3	NS
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	J	5.7	13	25	ug/m3	1080000
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y			0.34	0.81	2.5	ug/m3	40.7
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	120
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y			0.76	2.6	4.8	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	24300
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	J	0.42	1.5	2.5	ug/m3	3480
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.36	0.81	2.5	ug/m3	1040000
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106124-250	SV124-250-212	4/5/2021	N	Y	J	J	0.34	0.81	2.4	ug/m3	69.5
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	27.5
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	3480
KAFB-106124-250	SV124-250-212	4/5/2021	N	N	U	U	0.35	0.81	2.5	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.34	0.77	2.4	ug/m3	374
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.39	1.4	2.4	ug/m3	34800
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.28	0.77	2.4	ug/m3	1.56
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.4	1.4	2.4	ug/m3	31.2
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.27	0.77	2.4	ug/m3	36
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.33	0.77	4.5	ug/m3	104000
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.35	0.77	2.4	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.29	0.77	2.4	ug/m3	174000
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			0.3	0.77	4.5	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.5	1.4	2.4	ug/m3	24300
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.68	1.5	4.5	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			0.59	1.4	2.4	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.59	1.4	4.5	ug/m3	69.5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.29	0.77	2.4	ug/m3	187
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.32	0.77	2.4	ug/m3	34.7
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.31	0.77	2.4	ug/m3	1390
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.63	1.5	4.5	ug/m3	3480
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.31	0.77	2.4	ug/m3	1390
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.63	1.5	4.5	ug/m3	3480
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	1.3	2.9	4.5	ug/m3	2430
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.38	1.4	2.4	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.63	1.5	4.5	ug/m3	3480
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			0.33	0.77	2.3	ug/m3	156
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	JB	1.7	3.8	24	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	1	2.9	4.5	ug/m3	NS
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			5.4	12	24	ug/m3	1080000
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			0.32	0.77	2.4	ug/m3	40.7
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.35	0.77	2.4	ug/m3	120
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.39	1.4	2.4	ug/m3	520
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.3	1.4	2.4	ug/m3	348000
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.68	1.4	2.4	ug/m3	20900
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			0.72	2.4	4.5	ug/m3	24300
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.5	1.4	2.4	ug/m3	851
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.35	0.77	2.4	ug/m3	25.3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.37	1.4	2.3	ug/m3	24300
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y	J	J	0.39	1.4	2.4	ug/m3	3480
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.34	0.77	2.4	ug/m3	1040000
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Y			0.5	1.4	4.5	ug/m3	174000
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.33	0.77	2.3	ug/m3	69.5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.59	1.4	2.4	ug/m3	27.5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.35	0.77	2.4	ug/m3	3480
KAFB-106124-250	SV124-250-612	4/5/2021	FD	N	U	U	0.33	0.77	2.4	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.73	1.7	5.1	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.84	3.1	5.1	ug/m3	34800
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.6	1.7	5.1	ug/m3	1.56
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.86	3.1	5.1	ug/m3	31.2
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.58	1.7	5.1	ug/m3	36
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.71	1.7	9.8	ug/m3	104000
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.75	1.7	5.2	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	0.63	1.7	5.1	ug/m3	174000
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	0.65	1.7	9.8	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	1.1	3.1	5.1	ug/m3	24300
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y			1.5	3.3	9.8	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	1.3	3.1	5.1	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.3	3.1	9.8	ug/m3	69.5
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.61	1.7	5.1	ug/m3	187
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.68	1.7	5.1	ug/m3	34.7
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y			0.67	1.7	5.1	ug/m3	1390
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.4	3.3	9.8	ug/m3	3480
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	2.7	6.3	9.8	ug/m3	2430
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.83	3.1	5.1	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.4	3.3	9.8	ug/m3	3480
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.72	1.7	5	ug/m3	156
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.64	1.7	9.8	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	JB	3.6	8.1	52	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	2.1	6.1	9.8	ug/m3	NS
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	12	26	51	ug/m3	1080000
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.69	1.7	5.2	ug/m3	40.7
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y			0.75	1.7	5.1	ug/m3	120
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.84	3.1	5.1	ug/m3	520
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.64	3.1	5.1	ug/m3	348000
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.56	1.7	5.2	ug/m3	55.9
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.5	3.1	5.1	ug/m3	20900
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	1.6	5.3	9.8	ug/m3	24300
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.1	3.1	5.2	ug/m3	851
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.75	1.7	5.1	ug/m3	25.3
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.76	3.2	5.3	ug/m3	585
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.79	3.1	5	ug/m3	24300
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	0.85	3.1	5.1	ug/m3	3480
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.74	1.7	5.2	ug/m3	1040000
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.1	3.1	9.8	ug/m3	174000
KAFB-106124-350	SV124-350-212	4/5/2021	N	Y	J	J	0.7	1.7	5	ug/m3	69.5
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	1.3	3	5.1	ug/m3	27.5
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.75	1.7	5.2	ug/m3	3480
KAFB-106124-350	SV124-350-212	4/5/2021	N	N	U	U	0.72	1.7	5.1	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.4	5.5	17	ug/m3	374
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.8	10	17	ug/m3	34800
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2	5.5	17	ug/m3	1.56
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.9	10	17	ug/m3	31.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	1.9	5.5	17	ug/m3	36
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.4	5.5	33	ug/m3	104000
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.5	5.5	17	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			2.1	5.5	17	ug/m3	174000
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	2.2	5.5	33	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	3.6	10	17	ug/m3	24300
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			4.9	11	33	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	4.2	10	17	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	4.2	10	33	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2	5.5	17	ug/m3	187
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.3	5.5	17	ug/m3	34.7
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	2.2	5.5	17	ug/m3	1390
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	4.6	11	33	ug/m3	3480
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	9.1	21	33	ug/m3	2430
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.8	10	17	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	4.6	11	33	ug/m3	3480
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			2.4	5.5	17	ug/m3	156
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.1	5.5	33	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	JB	12	27	170	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	7.2	20	33	ug/m3	NS
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	39	88	170	ug/m3	1080000
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			2.3	5.5	17	ug/m3	40.7
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			2.5	5.5	17	ug/m3	120
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	2.8	10	17	ug/m3	520
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.1	10	17	ug/m3	348000
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	1.9	5.5	17	ug/m3	55.9
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	4.9	10	17	ug/m3	20900
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			5.2	18	33	ug/m3	24300
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	3.6	10	17	ug/m3	851
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y			2.5	5.5	17	ug/m3	25.3
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.5	11	18	ug/m3	585
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.6	10	17	ug/m3	24300
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.8	10	17	ug/m3	3480
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.5	5.5	17	ug/m3	1040000
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	3.6	10	33	ug/m3	174000
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.3	5.5	17	ug/m3	69.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	4.2	10	17	ug/m3	27.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	Y	J	J	2.5	5.5	17	ug/m3	3480
KAFB-106124-450	SV124-450-212	4/5/2021	N	N	U	U	2.4	5.5	17	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.38	0.86	2.6	ug/m3	374
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.33	0.86	2.6	ug/m3	174000
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y			0.34	0.86	5.1	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.56	1.6	2.6	ug/m3	24300
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.32	0.86	2.6	ug/m3	187
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.35	0.86	2.6	ug/m3	34.7
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y			0.35	0.86	2.6	ug/m3	1390
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y			0.37	0.86	2.6	ug/m3	156
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.33	0.86	5.1	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	JB	1.9	4.2	27	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	6.1	14	26	ug/m3	1080000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	120
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.76	1.6	2.6	ug/m3	20900
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.81	2.7	5.1	ug/m3	24300
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y			0.39	0.86	2.6	ug/m3	25.3
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.38	0.86	2.7	ug/m3	1040000
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.56	1.6	5.1	ug/m3	174000
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y	J	J	0.36	0.86	2.6	ug/m3	69.5
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	3480
KAFB-106125-025	SV125-025-212	4/5/2021	N	N	U	U	0.37	0.86	2.6	ug/m3	NS
KAFB-106125-025	SV125-025-212	4/5/2021	N	Y		D	3.6	8.6	27	ug/m3	40.7
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.38	0.87	2.7	ug/m3	374
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	34800
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.32	0.87	2.7	ug/m3	1.56
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.45	1.6	2.7	ug/m3	31.2
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.3	0.87	2.7	ug/m3	36
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.37	0.87	5.1	ug/m3	104000
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.33	0.87	2.7	ug/m3	174000
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.34	0.87	5.1	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	24300
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.34	0.87	5.1	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	24300
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.77	1.7	5.1	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.66	1.6	2.7	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	0.32	0.87	2.7	ug/m3	187
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.36	0.87	2.7	ug/m3	34.7
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.35	0.87	2.7	ug/m3	1390
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.43	1.6	2.7	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y			0.38	0.87	2.6	ug/m3	156
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	0.34	0.87	5.1	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	JB	1.9	4.2	27	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	N	U	U	1.1	3.2	5.1	ug/m3	NS
KAFB-106125-050	SV125-050-212	4/5/2021	N	Y	J	J	6.1	14	27	ug/m3	1080000
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	374
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.3	0.85	2.6	ug/m3	36
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.37	0.85	5	ug/m3	104000
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.39	0.85	2.7	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.33	0.85	2.6	ug/m3	174000
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.34	0.85	5	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.75	1.7	5	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.65	1.6	2.6	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.32	0.85	2.6	ug/m3	187
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.35	0.85	2.6	ug/m3	1390
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	1.4	3.3	5	ug/m3	2430
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.37	0.85	2.6	ug/m3	156
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.33	0.85	5	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	JB	1.9	4.2	27	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	1.1	3.2	5	ug/m3	NS
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	6	14	26	ug/m3	1080000
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.36	0.85	2.7	ug/m3	40.7
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.39	0.85	2.6	ug/m3	120
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.29	0.85	2.7	ug/m3	55.9
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	0.8	2.7	5	ug/m3	24300
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.55	1.6	2.7	ug/m3	851
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.39	0.85	2.6	ug/m3	25.3
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.38	0.85	2.7	ug/m3	1040000
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	0.55	1.6	5	ug/m3	174000
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.36	0.85	2.6	ug/m3	69.5
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y	J	J	0.55	1.6	5	ug/m3	174000
KAFB-106125-150	SV125-150-212	4/5/2021	N	Y			0.36	0.85	2.6	ug/m3	69.5
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.65	1.6	2.6	ug/m3	27.5
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.39	0.85	2.7	ug/m3	3480
KAFB-106125-150	SV125-150-212	4/5/2021	N	N	U	U	0.37	0.85	2.6	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	374
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.29	0.82	2.5	ug/m3	36
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.35	0.82	4.9	ug/m3	104000
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.32	0.82	2.5	ug/m3	174000
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y			0.32	0.82	4.9	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.53	1.6	2.5	ug/m3	24300
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.73	1.6	4.9	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.63	1.6	2.5	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.63	1.6	4.9	ug/m3	69.5
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.31	0.82	2.5	ug/m3	187
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.33	0.82	2.5	ug/m3	1390
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.68	1.6	4.9	ug/m3	3480
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.41	1.6	2.5	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.68	1.6	4.9	ug/m3	3480
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	156
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.32	0.82	4.9	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	JB	1.8	4	26	ug/m3	NS
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	1.1	3.1	4.9	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.34	0.82	2.6	ug/m3	40.7
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	120
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	520
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.32	1.6	2.5	ug/m3	348000
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.73	1.6	2.5	ug/m3	20900
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.78	2.6	4.9	ug/m3	24300
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.53	1.6	2.6	ug/m3	851
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.39	1.6	2.5	ug/m3	24300
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.42	1.6	2.5	ug/m3	3480
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	1040000
KAFB-106125-250	SV125-250-212	4/5/2021	N	Y	J	J	0.53	1.6	4.9	ug/m3	174000
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.35	0.82	2.5	ug/m3	69.5
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	27.5
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	3480
KAFB-106125-250	SV125-250-212	4/5/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.43	0.97	3	ug/m3	374
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.49	1.8	3	ug/m3	34800
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.35	0.97	3	ug/m3	1.56
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.5	1.8	3	ug/m3	31.2
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.34	0.97	3	ug/m3	36
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.42	0.97	5.7	ug/m3	104000
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.44	0.97	3	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.37	0.97	3	ug/m3	174000
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y			0.38	0.97	5.7	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.37	0.97	3	ug/m3	174000
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y			0.38	0.97	5.7	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.63	1.8	3	ug/m3	24300
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.86	1.9	5.7	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.74	1.8	3	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.74	1.8	5.7	ug/m3	69.5
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.36	0.97	3	ug/m3	187
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.4	0.97	3	ug/m3	34.7
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.4	0.97	3	ug/m3	1390
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.8	1.9	5.7	ug/m3	3480
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	1.6	3.7	5.7	ug/m3	2430
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.49	1.8	3	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.8	1.9	5.7	ug/m3	3480
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.42	0.97	2.9	ug/m3	156
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.38	0.97	5.7	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	2.1	4.8	30	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	1.3	3.6	5.7	ug/m3	NS
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	6.9	15	30	ug/m3	1080000
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.41	0.97	3	ug/m3	40.7
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.44	0.97	3	ug/m3	120
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.49	1.8	3	ug/m3	520
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.38	1.8	3	ug/m3	348000
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.33	0.97	3	ug/m3	55.9
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.86	1.8	3	ug/m3	20900
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.92	3.1	5.7	ug/m3	24300
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.63	1.8	3	ug/m3	851
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.44	0.97	3	ug/m3	25.3
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.45	1.9	3.1	ug/m3	585
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.46	1.8	2.9	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lir	reporting_detection_lir	quantitation_lir	detection_limit_unit	Project Screening L
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.5	1.8	3	ug/m3	3480
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.44	0.97	3	ug/m3	1040000
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y	J	J	0.63	1.8	5.7	ug/m3	174000
KAFB-106125-350	SV125-350-212	4/5/2021	N	Y			0.41	0.97	2.9	ug/m3	69.5
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.74	1.8	3	ug/m3	27.5
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.44	0.97	3	ug/m3	3480
KAFB-106125-350	SV125-350-212	4/5/2021	N	N	U	U	0.42	0.97	3	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	23	53	160	ug/m3	374
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	27	100	160	ug/m3	34800
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	19	53	160	ug/m3	1.56
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	27	100	160	ug/m3	31.2
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	18	53	160	ug/m3	36
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	23	53	310	ug/m3	104000
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	24	53	170	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y			20	53	160	ug/m3	174000
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	21	53	310	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	34	100	160	ug/m3	24300
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	47	110	310	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	40	100	160	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	40	100	310	ug/m3	69.5
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	20	53	160	ug/m3	187
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	22	53	160	ug/m3	34.7
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	21	53	160	ug/m3	1390
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	44	110	310	ug/m3	3480
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	87	200	310	ug/m3	2430
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	26	100	160	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	44	110	310	ug/m3	3480
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	23	53	160	ug/m3	156
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	44	110	310	ug/m3	3480
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	23	53	160	ug/m3	156
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	21	53	310	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	JB	120	260	1700	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	69	200	310	ug/m3	NS
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	370	840	1600	ug/m3	1080000
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y			22	53	170	ug/m3	40.7
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y			24	53	160	ug/m3	120
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	27	100	160	ug/m3	520
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	21	100	160	ug/m3	348000
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	18	53	170	ug/m3	55.9
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	47	100	160	ug/m3	20900
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	50	170	310	ug/m3	24300
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	34	100	170	ug/m3	851
KAFB-106125-450	SV125-450-212	4/5/2021	N	Y	J	J	24	53	160	ug/m3	25.3
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	24	100	170	ug/m3	585
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	25	100	160	ug/m3	24300
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	27	100	160	ug/m3	3480
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	24	53	170	ug/m3	1040000
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	34	100	310	ug/m3	174000
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	22	53	160	ug/m3	69.5
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	40	97	160	ug/m3	27.5
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	24	53	170	ug/m3	3480
KAFB-106125-450	SV125-450-212	4/5/2021	N	N	U	U	23	53	160	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.39	0.88	2.7	ug/m3	374
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.45	1.7	2.7	ug/m3	34800
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	1.56
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.31	0.88	2.7	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.38	0.88	5.2	ug/m3	104000
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.4	0.88	2.8	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.34	0.88	2.7	ug/m3	174000
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.35	0.88	5.2	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.57	1.7	2.7	ug/m3	24300
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.78	1.8	5.2	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.68	1.7	2.7	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.68	1.7	5.2	ug/m3	69.5
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.33	0.88	2.7	ug/m3	187
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.36	0.88	2.7	ug/m3	34.7
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.36	0.88	2.7	ug/m3	1390
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.73	1.8	5.2	ug/m3	3480
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	1.5	3.4	5.2	ug/m3	2430
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.44	1.7	2.7	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.73	1.8	5.2	ug/m3	3480
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.38	0.88	2.7	ug/m3	156
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.34	0.88	5.2	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			1.9	4.3	28	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	1.1	3.3	5.2	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	6.2	14	27	ug/m3	1080000
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.4	0.88	2.7	ug/m3	120
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.34	1.7	2.7	ug/m3	348000
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.3	0.88	2.8	ug/m3	55.9
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.78	1.7	2.7	ug/m3	20900
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.83	2.8	5.2	ug/m3	24300
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.57	1.7	2.8	ug/m3	851
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.4	0.88	2.7	ug/m3	25.3
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.41	1.7	2.8	ug/m3	585
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.42	1.7	2.7	ug/m3	24300
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.45	1.7	2.7	ug/m3	3480
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.4	0.88	2.8	ug/m3	1040000
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.57	1.7	5.2	ug/m3	174000
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y			0.37	0.88	2.7	ug/m3	69.5
KAFB-106127-025	SV127-025-212	4/5/2021	N	N	U	U	0.68	1.6	2.7	ug/m3	27.5
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.4	0.88	2.8	ug/m3	3480
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y	J	J	0.38	0.88	2.7	ug/m3	NS
KAFB-106127-025	SV127-025-212	4/5/2021	N	Y		D	3.7	8.8	28	ug/m3	40.7
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.39	0.88	2.7	ug/m3	374
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	34800
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	1.56
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.31	0.88	2.7	ug/m3	36
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.38	0.88	5.2	ug/m3	104000
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.34	0.88	2.7	ug/m3	174000
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.35	0.88	5.2	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.57	1.7	2.7	ug/m3	24300
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.78	1.8	5.2	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.67	1.7	2.7	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.67	1.7	5.2	ug/m3	69.5
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.33	0.88	2.7	ug/m3	187
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.36	0.88	2.7	ug/m3	34.7
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.36	0.88	2.7	ug/m3	1390
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.72	1.8	5.2	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	1.4	3.4	5.2	ug/m3	2430
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.44	1.7	2.7	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.72	1.8	5.2	ug/m3	3480
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.38	0.88	2.6	ug/m3	156
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.34	0.88	5.2	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	1.9	4.3	27	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	1.1	3.3	5.2	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			6.2	14	27	ug/m3	1080000
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	120
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.34	1.7	2.7	ug/m3	348000
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.29	0.88	2.7	ug/m3	55.9
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.78	1.7	2.7	ug/m3	20900
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.83	2.8	5.2	ug/m3	24300
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.57	1.7	2.7	ug/m3	851
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.4	0.88	2.7	ug/m3	25.3
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.42	1.7	2.6	ug/m3	24300
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.45	1.7	2.7	ug/m3	3480
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y	J	J	0.39	0.88	2.7	ug/m3	1040000
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.57	1.7	5.2	ug/m3	174000
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y			0.37	0.88	2.6	ug/m3	69.5
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.67	1.6	2.7	ug/m3	27.5
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	3480
KAFB-106127-050	SV127-050-212	4/5/2021	N	N	U	U	0.38	0.88	2.7	ug/m3	NS
KAFB-106127-050	SV127-050-212	4/5/2021	N	Y		D	3.7	8.8	27	ug/m3	40.7
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.34	0.77	2.3	ug/m3	374
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	34800
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.28	0.77	2.3	ug/m3	1.56
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.4	1.4	2.3	ug/m3	31.2
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.27	0.77	2.3	ug/m3	36
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.33	0.77	4.5	ug/m3	104000
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.29	0.77	2.3	ug/m3	174000
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.5	1.4	2.3	ug/m3	24300
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.68	1.5	4.5	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.59	1.4	2.3	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.59	1.4	4.5	ug/m3	69.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.28	0.77	2.3	ug/m3	187
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.32	0.77	2.3	ug/m3	34.7
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y			0.31	0.77	2.3	ug/m3	1390
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	1.3	2.9	4.5	ug/m3	2430
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y			0.33	0.77	2.3	ug/m3	156
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	1.7	3.7	24	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.99	2.8	4.5	ug/m3	NS
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	5.4	12	23	ug/m3	1080000
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y			0.32	0.77	2.4	ug/m3	40.7
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.35	0.77	2.3	ug/m3	120
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	520
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.3	1.4	2.3	ug/m3	348000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.68	1.4	2.3	ug/m3	20900
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.72	2.4	4.5	ug/m3	24300
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	851
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y			0.35	0.77	2.3	ug/m3	25.3
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.36	1.4	2.3	ug/m3	24300
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.39	1.4	2.3	ug/m3	3480
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.34	0.77	2.4	ug/m3	1040000
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.5	1.4	4.5	ug/m3	174000
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.32	0.77	2.3	ug/m3	69.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.59	1.4	2.3	ug/m3	27.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	3480
KAFB-106127-150	SV127-150-212	4/5/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.49	1.1	3.4	ug/m3	374
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.56	2.1	3.4	ug/m3	34800
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	1.56
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.58	2.1	3.4	ug/m3	31.2
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.39	1.1	3.4	ug/m3	36
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.48	1.1	6.6	ug/m3	104000
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.5	1.1	3.5	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			0.43	1.1	3.4	ug/m3	174000
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.44	1.1	6.6	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			0.72	2.1	3.4	ug/m3	24300
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.98	2.2	6.6	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.85	2.1	3.4	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.85	2.1	6.6	ug/m3	69.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	187
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.85	2.1	6.6	ug/m3	69.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	187
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.46	1.1	3.4	ug/m3	34.7
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.45	1.1	3.4	ug/m3	1390
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.92	2.2	6.6	ug/m3	3480
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			1.8	4.3	6.6	ug/m3	2430
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.56	2.1	3.4	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.92	2.2	6.6	ug/m3	3480
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			0.48	1.1	3.3	ug/m3	156
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.43	1.1	6.6	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			2.4	5.4	35	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	1.4	4.1	6.6	ug/m3	NS
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			7.9	18	34	ug/m3	1080000
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			0.47	1.1	3.5	ug/m3	40.7
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.5	1.1	3.4	ug/m3	120
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.56	2.1	3.4	ug/m3	520
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.43	2.1	3.4	ug/m3	348000
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.37	1.1	3.5	ug/m3	55.9
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.98	2.1	3.4	ug/m3	20900
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			1	3.5	6.6	ug/m3	24300
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.72	2.1	3.5	ug/m3	851
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.5	1.1	3.4	ug/m3	25.3
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.51	2.2	3.5	ug/m3	585
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.53	2.1	3.3	ug/m3	24300
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y			0.57	2.1	3.4	ug/m3	3480
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.5	1.1	3.5	ug/m3	1040000
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.72	2.1	6.6	ug/m3	174000
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.47	1.1	3.3	ug/m3	69.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	N	U	U	0.85	2	3.4	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.5	1.1	3.5	ug/m3	3480
KAFB-106127-250	SV127-250-212	4/5/2021	N	Y	J	J	0.48	1.1	3.4	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.38	0.85	2.6	ug/m3	374
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.3	0.85	2.6	ug/m3	36
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.37	0.85	5	ug/m3	104000
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.39	0.85	2.7	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	0.33	0.85	2.6	ug/m3	174000
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	0.34	0.85	5	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.75	1.7	5	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.65	1.6	2.6	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.32	0.85	2.6	ug/m3	187
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.35	0.85	2.6	ug/m3	1390
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	1.4	3.3	5	ug/m3	2430
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y			0.37	0.85	2.6	ug/m3	156
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.33	0.85	5	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	1.1	3.2	5	ug/m3	NS
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	6	14	26	ug/m3	1080000
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y			0.36	0.85	2.7	ug/m3	40.7
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	0.39	0.85	2.6	ug/m3	120
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.29	0.85	2.7	ug/m3	55.9
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y			0.8	2.7	5	ug/m3	24300
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.55	1.6	2.7	ug/m3	851
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.39	0.85	2.6	ug/m3	25.3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.38	0.85	2.7	ug/m3	1040000
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Y	J	J	0.55	1.6	5	ug/m3	174000
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.36	0.85	2.6	ug/m3	69.5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.65	1.6	2.6	ug/m3	27.5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.39	0.85	2.7	ug/m3	3480
KAFB-106127-250	SV127-250-612	4/5/2021	FD	N	U	U	0.37	0.85	2.6	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.39	0.88	2.7	ug/m3	374
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	34800
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	1.56
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.31	0.88	2.7	ug/m3	36
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.38	0.88	5.2	ug/m3	104000
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.34	0.88	2.7	ug/m3	174000
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.35	0.88	5.2	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.57	1.7	2.7	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.78	1.8	5.2	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.67	1.7	2.7	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.67	1.7	5.2	ug/m3	69.5
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.33	0.88	2.7	ug/m3	187
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.36	0.88	2.7	ug/m3	34.7
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.36	0.88	2.7	ug/m3	1390
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.72	1.8	5.2	ug/m3	3480
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	1.4	3.4	5.2	ug/m3	2430
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.44	1.7	2.7	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.72	1.8	5.2	ug/m3	3480
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.38	0.88	2.6	ug/m3	156
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.34	0.88	5.2	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	1.9	4.3	27	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	1.1	3.3	5.2	ug/m3	NS
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	6.2	14	27	ug/m3	1080000
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.37	0.88	2.7	ug/m3	40.7
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.4	0.88	2.7	ug/m3	120
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.34	1.7	2.7	ug/m3	348000
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.29	0.88	2.7	ug/m3	55.9
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.78	1.7	2.7	ug/m3	20900
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y			0.83	2.8	5.2	ug/m3	24300
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.57	1.7	2.7	ug/m3	851
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	25.3
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.42	1.7	2.6	ug/m3	24300
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.45	1.7	2.7	ug/m3	3480
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.39	0.88	2.7	ug/m3	1040000
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.45	1.7	2.7	ug/m3	3480
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.39	0.88	2.7	ug/m3	1040000
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.57	1.7	5.2	ug/m3	174000
KAFB-106127-350	SV127-350-212	4/5/2021	N	Y	J	J	0.37	0.88	2.6	ug/m3	69.5
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.67	1.6	2.7	ug/m3	27.5
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	3480
KAFB-106127-350	SV127-350-212	4/5/2021	N	N	U	U	0.38	0.88	2.7	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.55	1.2	3.8	ug/m3	374
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.62	2.3	3.8	ug/m3	34800
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.45	1.2	3.8	ug/m3	1.56
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.64	2.3	3.8	ug/m3	31.2
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.43	1.2	3.8	ug/m3	36
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.53	1.2	7.3	ug/m3	104000
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.56	1.2	3.9	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.47	1.2	3.8	ug/m3	174000
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.49	1.2	7.3	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.8	2.3	3.8	ug/m3	24300
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	1.1	2.5	7.3	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.94	2.3	3.8	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.94	2.3	7.3	ug/m3	69.5
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.46	1.2	3.8	ug/m3	187
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y			0.51	1.2	3.8	ug/m3	34.7
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y			0.5	1.2	3.8	ug/m3	1390
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	1	2.5	7.3	ug/m3	3480
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	2	4.7	7.3	ug/m3	2430
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.62	2.3	3.8	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	1	2.5	7.3	ug/m3	3480
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y			0.54	1.2	3.7	ug/m3	156
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.48	1.2	7.3	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	2.7	6	39	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	1.6	4.6	7.3	ug/m3	NS
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	8.7	20	38	ug/m3	1080000
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y			0.52	1.2	3.9	ug/m3	40.7
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.56	1.2	3.8	ug/m3	120
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.62	2.3	3.8	ug/m3	520
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.48	2.3	3.8	ug/m3	348000
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.41	1.2	3.9	ug/m3	55.9
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	1.1	2.3	3.8	ug/m3	20900
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	1.2	3.9	7.3	ug/m3	24300
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.8	2.3	3.9	ug/m3	851
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y			0.56	1.2	3.8	ug/m3	25.3
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.57	2.4	3.9	ug/m3	585
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.59	2.3	3.7	ug/m3	24300
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.63	2.3	3.8	ug/m3	3480
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.55	1.2	3.9	ug/m3	1040000
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.8	2.3	7.3	ug/m3	174000
KAFB-106127-450	SV127-450-212	4/5/2021	N	Y	J	J	0.52	1.2	3.7	ug/m3	69.5
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.94	2.3	3.8	ug/m3	27.5
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.56	1.2	3.9	ug/m3	3480
KAFB-106127-450	SV127-450-212	4/5/2021	N	N	U	U	0.54	1.2	3.8	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.51	1.2	3.5	ug/m3	374
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.58	2.2	3.5	ug/m3	34800
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.42	1.2	3.5	ug/m3	1.56
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.6	2.2	3.5	ug/m3	31.2
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.4	1.2	3.5	ug/m3	36
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.49	1.2	6.8	ug/m3	104000
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.52	1.2	3.6	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.49	1.2	6.8	ug/m3	104000
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.52	1.2	3.6	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.44	1.2	3.5	ug/m3	174000
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.45	1.2	6.8	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.74	2.2	3.5	ug/m3	24300
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	1	2.3	6.8	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.88	2.2	3.5	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.88	2.2	6.8	ug/m3	69.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.43	1.2	3.5	ug/m3	187
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.47	1.2	3.5	ug/m3	34.7
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.47	1.2	3.5	ug/m3	1390
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.95	2.3	6.8	ug/m3	3480
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	1.9	4.4	6.8	ug/m3	2430
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.58	2.2	3.5	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.95	2.3	6.8	ug/m3	3480
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.5	1.2	3.5	ug/m3	156
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.45	1.2	6.8	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	2.5	5.6	36	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	1.5	4.3	6.8	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	8.1	18	35	ug/m3	1080000
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.48	1.2	3.6	ug/m3	40.7
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.52	1.2	3.5	ug/m3	120
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.58	2.2	3.5	ug/m3	520
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.45	2.2	3.5	ug/m3	348000
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.39	1.2	3.6	ug/m3	55.9
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	1	2.2	3.5	ug/m3	20900
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	1.1	3.7	6.8	ug/m3	24300
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.74	2.2	3.6	ug/m3	851
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.52	1.2	3.5	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106128-025	SV128-025-212	4/6/2021	N	N	U	U	0.53	2.2	3.7	ug/m3	585
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.55	2.2	3.5	ug/m3	24300
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.51	1.2	3.6	ug/m3	1040000
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.74	2.2	6.8	ug/m3	174000
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y	J	J	0.49	1.2	3.5	ug/m3	69.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.88	2.1	3.5	ug/m3	27.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.52	1.2	3.6	ug/m3	3480
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y			0.5	1.2	3.5	ug/m3	NS
KAFB-106128-025	SV128-025-212	4/6/2021	N	Y		D	2.4	8.7	14	ug/m3	3480
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.71	1.6	4.9	ug/m3	374
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.81	3	4.9	ug/m3	34800
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.58	1.6	4.9	ug/m3	1.56
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.83	3	4.9	ug/m3	31.2
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.55	1.6	4.9	ug/m3	36
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.69	1.6	9.4	ug/m3	104000
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.72	1.6	5	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.61	1.6	4.9	ug/m3	174000
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.63	1.6	9.4	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	1	3	4.9	ug/m3	24300
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	1.4	3.2	9.4	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	1.2	3	4.9	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	1.2	3	9.4	ug/m3	69.5
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.59	1.6	4.9	ug/m3	187
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.66	1.6	4.9	ug/m3	34.7
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.65	1.6	4.9	ug/m3	1390
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			1.3	3.2	9.4	ug/m3	3480
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	2.6	6.1	9.4	ug/m3	2430
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	0.8	3	4.9	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			1.3	3.2	9.4	ug/m3	3480
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.7	1.6	4.8	ug/m3	156
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.62	1.6	9.4	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	3.5	7.8	50	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	2.1	5.9	9.4	ug/m3	NS
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	11	25	49	ug/m3	1080000
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	0.67	1.6	5	ug/m3	40.7
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	0.72	1.6	4.9	ug/m3	120
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.81	3	4.9	ug/m3	520
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.62	3	4.9	ug/m3	348000
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.54	1.6	5	ug/m3	55.9
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	1.4	3	4.9	ug/m3	20900
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	1.5	5.1	9.4	ug/m3	24300
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	1	3	5	ug/m3	851
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.72	1.6	4.9	ug/m3	25.3
KAFB-106128-050	SV128-050-212	4/6/2021	N	N	U	U	0.73	3.1	5.1	ug/m3	585
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.76	3	4.8	ug/m3	24300
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.82	3	4.9	ug/m3	3480
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.71	1.6	5	ug/m3	1040000
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	1	3	9.4	ug/m3	174000
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y	J	J	0.68	1.6	4.8	ug/m3	69.5
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			1.2	2.9	4.9	ug/m3	27.5
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.72	1.6	5	ug/m3	3480
KAFB-106128-050	SV128-050-212	4/6/2021	N	Y			0.7	1.6	4.9	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.37	0.84	2.6	ug/m3	374
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.36	0.84	5	ug/m3	104000
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.38	0.84	2.6	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.32	0.84	2.6	ug/m3	174000
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.33	0.84	5	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	24300
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	0.74	1.7	5	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.64	1.6	5	ug/m3	69.5
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	34.7
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.34	0.84	2.6	ug/m3	1390
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.69	1.7	5	ug/m3	3480
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.69	1.7	5	ug/m3	3480
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.37	0.84	2.5	ug/m3	156
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.33	0.84	5	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	1.1	3.1	5	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	5.9	13	26	ug/m3	1080000
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.35	0.84	2.6	ug/m3	40.7
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.79	2.7	5	ug/m3	24300
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
KAFB-106128-150	SV128-150-212	4/6/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.38	0.84	2.6	ug/m3	1040000
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y	J	J	0.54	1.6	5	ug/m3	174000
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.36	0.84	2.5	ug/m3	69.5
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.64	1.5	2.6	ug/m3	27.5
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.38	0.84	2.6	ug/m3	3480
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y			0.37	0.84	2.6	ug/m3	NS
KAFB-106128-150	SV128-150-212	4/6/2021	N	Y		D	4.3	16	26	ug/m3	3480
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			230	510	1600	ug/m3	374
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	260	970	1600	ug/m3	34800
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	190	510	1600	ug/m3	1.56
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	270	970	1600	ug/m3	31.2
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	180	510	1600	ug/m3	36
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	220	510	3000	ug/m3	104000
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			230	510	1600	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y	J	J	200	510	1600	ug/m3	174000
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	200	510	3000	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			330	970	1600	ug/m3	24300
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			450	1000	3000	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			390	970	1600	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	390	970	3000	ug/m3	69.5
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	190	510	1600	ug/m3	187
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	210	510	1600	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	210	510	1600	ug/m3	1390
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			420	1000	3000	ug/m3	3480
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	850	2000	3000	ug/m3	2430
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			260	970	1600	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			420	1000	3000	ug/m3	3480
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	220	510	1500	ug/m3	156
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	200	510	3000	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y	J	J	1100	2500	16000	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	670	1900	3000	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	3600	8200	16000	ug/m3	1080000
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	220	510	1600	ug/m3	40.7
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			230	510	1600	ug/m3	120
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	260	970	1600	ug/m3	520
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	200	970	1600	ug/m3	348000
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	170	510	1600	ug/m3	55.9
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	450	970	1600	ug/m3	20900
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	480	1600	3000	ug/m3	24300
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	330	970	1600	ug/m3	851
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	230	510	1600	ug/m3	25.3
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	240	1000	1600	ug/m3	585
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	250	970	1500	ug/m3	24300
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y	J	J	260	970	1600	ug/m3	3480
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y	J	J	230	510	1600	ug/m3	1040000
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	330	970	3000	ug/m3	174000
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	220	510	1500	ug/m3	69.5
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	390	940	1600	ug/m3	27.5
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	230	510	1600	ug/m3	3480
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			220	510	1600	ug/m3	NS
KAFB-106128-250	SV128-250-212	4/6/2021	N	N	U	U	230	510	1600	ug/m3	3480
KAFB-106128-250	SV128-250-212	4/6/2021	N	Y			220	510	1600	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			450	1000	3100	ug/m3	374
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	510	1900	3100	ug/m3	34800
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y	J	J	370	1000	3100	ug/m3	1.56
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	520	1900	3100	ug/m3	31.2
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	350	1000	3100	ug/m3	36
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	430	1000	5900	ug/m3	104000
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			460	1000	3100	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			390	1000	3100	ug/m3	174000
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	400	1000	5900	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			650	1900	3100	ug/m3	24300
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			890	2000	5900	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			770	1900	3100	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	770	1900	5900	ug/m3	69.5
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	370	1000	3100	ug/m3	187
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	420	1000	3100	ug/m3	34.7
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	410	1000	3100	ug/m3	1390
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			830	2000	5900	ug/m3	3480
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	1700	3900	5900	ug/m3	2430
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			510	1900	3100	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			830	2000	5900	ug/m3	3480
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	440	1000	3000	ug/m3	156
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	390	1000	5900	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	2200	4900	31000	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	1300	3700	5900	ug/m3	NS
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	7100	16000	31000	ug/m3	1080000
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	420	1000	3100	ug/m3	40.7
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			460	1000	3100	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	510	1900	3100	ug/m3	520
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	390	1900	3100	ug/m3	348000
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	340	1000	3100	ug/m3	55.9
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	890	1900	3100	ug/m3	20900
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	950	3200	5900	ug/m3	24300
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	650	1900	3100	ug/m3	851
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	460	1000	3100	ug/m3	25.3
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	460	2000	3200	ug/m3	585
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	480	1900	3000	ug/m3	24300
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y	J	J	520	1900	3100	ug/m3	3480
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	450	1000	3100	ug/m3	1040000
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	650	1900	5900	ug/m3	174000
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	430	1000	3000	ug/m3	69.5
KAFB-106128-350	SV128-350-212	4/6/2021	N	N	U	U	770	1800	3100	ug/m3	27.5
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			460	1000	3100	ug/m3	3480
KAFB-106128-350	SV128-350-212	4/6/2021	N	Y			440	1000	3100	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			570	1300	4000	ug/m3	374
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	660	2400	4000	ug/m3	34800
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			470	1300	4000	ug/m3	1.56
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	670	2400	4000	ug/m3	31.2
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	450	1300	4000	ug/m3	36
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	560	1300	7600	ug/m3	104000
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			590	1300	4000	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			500	1300	4000	ug/m3	174000
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	510	1300	7600	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			840	2400	4000	ug/m3	24300
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			1100	2600	7600	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			990	2400	4000	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			1100	2600	7600	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			990	2400	4000	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	990	2400	7600	ug/m3	69.5
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	480	1300	4000	ug/m3	187
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	530	1300	4000	ug/m3	34.7
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	530	1300	4000	ug/m3	1390
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			1100	2600	7600	ug/m3	3480
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	2100	5000	7600	ug/m3	2430
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			1100	2600	7600	ug/m3	3480
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	570	1300	3900	ug/m3	156
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	500	1300	7600	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y	J	J	2800	6300	40000	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y	J	J	1700	4800	7600	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	9200	21000	40000	ug/m3	1080000
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	540	1300	4000	ug/m3	40.7
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			590	1300	4000	ug/m3	120
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	660	2400	4000	ug/m3	520
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	500	2400	4000	ug/m3	348000
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	440	1300	4000	ug/m3	55.9
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	1100	2400	4000	ug/m3	20900
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y	J	J	1200	4100	7600	ug/m3	24300
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	840	2400	4000	ug/m3	851
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	590	1300	4000	ug/m3	25.3
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	600	2500	4100	ug/m3	585
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	620	2400	3900	ug/m3	24300
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y	J	J	660	2400	4000	ug/m3	3480
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	580	1300	4000	ug/m3	1040000
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	840	2400	7600	ug/m3	174000
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y	J	J	550	1300	3900	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106128-450	SV128-450-212	4/6/2021	N	N	U	U	990	2400	4000	ug/m3	27.5
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			590	1300	4000	ug/m3	3480
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y			570	1300	4000	ug/m3	NS
KAFB-106128-450	SV128-450-212	4/6/2021	N	Y		D	2200	8100	13000	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.43	0.98	3	ug/m3	374
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.5	1.8	3	ug/m3	34800
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.36	0.98	3	ug/m3	1.56
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.51	1.8	3	ug/m3	31.2
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.34	0.98	3	ug/m3	36
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.42	0.98	5.8	ug/m3	104000
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.44	0.98	3.1	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.38	0.98	3	ug/m3	174000
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.39	0.98	5.8	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.64	1.8	3	ug/m3	24300
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.87	2	5.8	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.75	1.8	3	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.75	1.8	5.8	ug/m3	69.5
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.36	0.98	3	ug/m3	187
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.4	0.98	3	ug/m3	34.7
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y			0.4	0.98	3	ug/m3	1390
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.81	2	5.8	ug/m3	3480
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	1.6	3.8	5.8	ug/m3	2430
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.49	1.8	3	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.81	2	5.8	ug/m3	3480
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.43	0.98	2.9	ug/m3	156
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.38	0.98	5.8	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	2.1	4.8	31	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	JV	1.3	3.6	5.8	ug/m3	NS
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y			6.9	16	30	ug/m3	1080000
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.41	0.98	3.1	ug/m3	40.7
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.44	0.98	3	ug/m3	120
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.5	1.8	3	ug/m3	520
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.38	1.8	3	ug/m3	348000
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.33	0.98	3.1	ug/m3	55.9
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.87	1.8	3	ug/m3	20900
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.92	3.1	5.8	ug/m3	24300
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.64	1.8	3.1	ug/m3	851
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.44	0.98	3	ug/m3	25.3
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.45	1.9	3.1	ug/m3	585
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.47	1.8	2.9	ug/m3	24300
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y			0.5	1.8	3	ug/m3	3480
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y			0.44	0.98	3.1	ug/m3	1040000
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y			0.64	1.8	5.8	ug/m3	174000
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y			0.42	0.98	2.9	ug/m3	69.5
KAFB-106133-025	SV133-025-212	4/6/2021	N	N	U	U	0.75	1.8	3	ug/m3	27.5
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.44	0.98	3.1	ug/m3	3480
KAFB-106133-025	SV133-025-212	4/6/2021	N	Y	J	J	0.43	0.98	3	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.37	0.83	2.5	ug/m3	374
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.3	0.83	2.5	ug/m3	1.56
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.29	0.83	2.5	ug/m3	36
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.36	0.83	4.9	ug/m3	104000
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.38	0.83	2.6	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.32	0.83	2.5	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.33	0.83	4.9	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.54	1.6	2.5	ug/m3	24300
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.74	1.7	4.9	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.64	1.6	2.5	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.31	0.83	2.5	ug/m3	187
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.34	0.83	2.5	ug/m3	34.7
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y			0.34	0.83	2.5	ug/m3	1390
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.69	1.7	4.9	ug/m3	3480
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.69	1.7	4.9	ug/m3	3480
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	156
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.32	0.83	4.9	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	1.1	3.1	4.9	ug/m3	NS
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	5.9	13	25	ug/m3	1080000
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.35	0.83	2.6	ug/m3	40.7
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.38	0.83	2.5	ug/m3	120
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	520
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.32	1.6	2.5	ug/m3	348000
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.28	0.83	2.6	ug/m3	55.9
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.74	1.6	2.5	ug/m3	20900
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y			0.78	2.6	4.9	ug/m3	24300
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.38	0.83	2.5	ug/m3	25.3
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y			0.43	1.6	2.5	ug/m3	3480
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y			0.37	0.83	2.6	ug/m3	1040000
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y	J	J	0.54	1.6	4.9	ug/m3	174000
KAFB-106133-050	SV133-050-212	4/6/2021	N	Y			0.35	0.83	2.5	ug/m3	69.5
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.64	1.5	2.5	ug/m3	27.5
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.38	0.83	2.6	ug/m3	3480
KAFB-106133-050	SV133-050-212	4/6/2021	N	N	U	U	0.36	0.83	2.5	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.64	1.4	4.4	ug/m3	374
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.73	2.7	4.4	ug/m3	34800
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.53	1.4	4.4	ug/m3	1.56
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.75	2.7	4.4	ug/m3	31.2
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.5	1.4	4.4	ug/m3	36
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.62	1.4	8.5	ug/m3	104000
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.65	1.4	4.5	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.55	1.4	4.4	ug/m3	174000
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y			0.57	1.4	8.5	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.93	2.7	4.4	ug/m3	24300
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	1.3	2.9	8.5	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	1.1	2.7	4.4	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	1.1	2.7	8.5	ug/m3	69.5
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.53	1.4	4.4	ug/m3	187
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.59	1.4	4.4	ug/m3	34.7
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y			0.59	1.4	4.4	ug/m3	1390
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	1.2	2.9	8.5	ug/m3	3480
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	2.4	5.5	8.5	ug/m3	2430
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.72	2.7	4.4	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	1.2	2.9	8.5	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y			0.63	1.4	4.3	ug/m3	156
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.56	1.4	8.5	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	3.1	7	45	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	1.9	5.3	8.5	ug/m3	NS
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	10	23	44	ug/m3	1080000
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.6	1.4	4.5	ug/m3	40.7
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.65	1.4	4.4	ug/m3	120
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.73	2.7	4.4	ug/m3	520
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.56	2.7	4.4	ug/m3	348000
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.48	1.4	4.5	ug/m3	55.9
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	1.3	2.7	4.4	ug/m3	20900
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y			1.4	4.6	8.5	ug/m3	24300
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.93	2.7	4.5	ug/m3	851
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.65	1.4	4.4	ug/m3	25.3
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.66	2.8	4.6	ug/m3	585
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.69	2.7	4.3	ug/m3	24300
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.74	2.7	4.4	ug/m3	3480
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y			0.64	1.4	4.5	ug/m3	1040000
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	0.93	2.7	8.5	ug/m3	174000
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y			0.61	1.4	4.3	ug/m3	69.5
KAFB-106133-170	SV133-170-212	4/6/2021	N	N	U	U	1.1	2.6	4.4	ug/m3	27.5
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.65	1.4	4.5	ug/m3	3480
KAFB-106133-170	SV133-170-212	4/6/2021	N	Y	J	J	0.63	1.4	4.4	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	374
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	0.31	0.82	2.5	ug/m3	174000
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			0.33	0.82	2.5	ug/m3	1390
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.68	1.6	4.8	ug/m3	3480
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			1.4	3.1	4.8	ug/m3	2430
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.68	1.6	4.8	ug/m3	3480
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			0.36	0.82	2.5	ug/m3	156
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			1.1	3	4.8	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			0.34	0.82	2.6	ug/m3	40.7
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			0.37	0.82	2.5	ug/m3	120
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			0.77	2.6	4.8	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	0.39	1.5	2.5	ug/m3	24300
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	0.42	1.5	2.5	ug/m3	3480
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y			0.37	0.82	2.6	ug/m3	1040000
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	27.5
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	3480
KAFB-106133-250	SV133-250-212	4/6/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	NS
KAFB-106133-250	SV133-250-212	4/6/2021	N	Y		D	3.5	8.2	25	ug/m3	69.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.41	0.92	2.8	ug/m3	374
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	34800
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	1.56
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.32	0.92	2.8	ug/m3	36
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.4	0.92	5.4	ug/m3	104000
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.42	0.92	2.9	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.35	0.92	2.8	ug/m3	174000
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			0.36	0.92	5.4	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.6	1.7	2.8	ug/m3	24300
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.81	1.8	5.4	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.71	1.7	2.8	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.71	1.7	5.4	ug/m3	69.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	187
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.38	0.92	2.8	ug/m3	34.7
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.37	0.92	2.8	ug/m3	1390
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.76	1.8	5.4	ug/m3	3480
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.37	0.92	2.8	ug/m3	1390
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.76	1.8	5.4	ug/m3	3480
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	1.5	3.5	5.4	ug/m3	2430
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.76	1.8	5.4	ug/m3	3480
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.4	0.92	2.8	ug/m3	156
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.36	0.92	5.4	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			2	4.5	29	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	1.2	3.4	5.4	ug/m3	NS
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	6.5	15	28	ug/m3	1080000
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			0.39	0.92	2.9	ug/m3	40.7
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			0.42	0.92	2.8	ug/m3	120
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.47	1.7	2.8	ug/m3	520
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.36	1.7	2.8	ug/m3	348000
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.31	0.92	2.9	ug/m3	55.9
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.81	1.7	2.8	ug/m3	20900
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			0.87	2.9	5.4	ug/m3	24300
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.6	1.7	2.9	ug/m3	851
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.42	0.92	2.8	ug/m3	25.3
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.44	1.7	2.8	ug/m3	24300
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.47	1.7	2.8	ug/m3	3480
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y	J	J	0.41	0.92	2.9	ug/m3	1040000
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			0.6	1.7	5.4	ug/m3	174000
KAFB-106133-350	SV133-350-212	4/6/2021	N	Y			0.39	0.92	2.8	ug/m3	69.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.71	1.7	2.8	ug/m3	27.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.42	0.92	2.9	ug/m3	3480
KAFB-106133-350	SV133-350-212	4/6/2021	N	N	U	U	0.4	0.92	2.8	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			5	11	35	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	5.8	21	35	ug/m3	34800
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.2	11	35	ug/m3	1.56
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	5.9	21	35	ug/m3	31.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4	11	35	ug/m3	36
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.9	11	67	ug/m3	104000
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	5.2	11	36	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			4.4	11	35	ug/m3	174000
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	4.5	11	67	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			7.4	21	35	ug/m3	24300
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			10	23	67	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			8.7	21	35	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	8.7	21	67	ug/m3	69.5
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.2	11	35	ug/m3	187
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.7	11	35	ug/m3	34.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	4.6	11	35	ug/m3	1390
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			9.4	23	67	ug/m3	3480
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			19	44	67	ug/m3	2430
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			5.7	21	35	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			9.4	23	67	ug/m3	3480
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	5	11	34	ug/m3	156
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.4	11	67	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			25	56	360	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	15	42	67	ug/m3	NS
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	80	180	350	ug/m3	1080000
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.8	11	36	ug/m3	40.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			5.2	11	35	ug/m3	120
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	5.8	21	35	ug/m3	520
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.4	21	35	ug/m3	348000
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	5.8	21	35	ug/m3	520
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	4.4	21	35	ug/m3	348000
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	3.8	11	36	ug/m3	55.9
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			10	21	35	ug/m3	20900
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			11	36	67	ug/m3	24300
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	7.4	21	36	ug/m3	851
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	5.2	11	35	ug/m3	25.3
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	5.2	22	36	ug/m3	585
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	5.4	21	34	ug/m3	24300
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	5.8	21	35	ug/m3	3480
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	5.1	11	36	ug/m3	1040000
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			7.4	21	67	ug/m3	174000
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			4.8	11	34	ug/m3	69.5
KAFB-106133-450	SV133-450-212	4/6/2021	N	N	U	U	8.7	21	35	ug/m3	27.5
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y			5.2	11	36	ug/m3	3480
KAFB-106133-450	SV133-450-212	4/6/2021	N	Y	J	J	5	11	35	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.57	1.3	4	ug/m3	374
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.66	2.4	4	ug/m3	34800
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.47	1.3	4	ug/m3	1.56
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.67	2.4	4	ug/m3	31.2
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.45	1.3	4	ug/m3	36
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.56	1.3	7.6	ug/m3	104000
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.59	1.3	4	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.5	1.3	4	ug/m3	174000
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.51	1.3	7.6	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.84	2.4	4	ug/m3	24300
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	1.1	2.6	7.6	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.99	2.4	4	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.99	2.4	7.6	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.48	1.3	4	ug/m3	187
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.53	1.3	4	ug/m3	34.7
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.53	1.3	4	ug/m3	1390
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	1.1	2.6	7.6	ug/m3	3480
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	2.1	5	7.6	ug/m3	2430
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.65	2.4	4	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	1.1	2.6	7.6	ug/m3	3480
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.56	1.3	3.9	ug/m3	156
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.5	1.3	7.6	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	2.8	6.3	40	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	1.7	4.8	7.6	ug/m3	NS
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	9.2	21	40	ug/m3	1080000
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y			0.54	1.3	4	ug/m3	40.7
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.59	1.3	4	ug/m3	120
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.66	2.4	4	ug/m3	520
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.5	2.4	4	ug/m3	348000
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.43	1.3	4	ug/m3	55.9
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	1.1	2.4	4	ug/m3	20900
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	1.2	4.1	7.6	ug/m3	24300
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.84	2.4	4	ug/m3	851
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.59	1.3	4	ug/m3	25.3
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.59	2.5	4.1	ug/m3	585
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.62	2.4	3.9	ug/m3	24300
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.66	2.4	4	ug/m3	3480
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.58	1.3	4	ug/m3	1040000
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y			0.84	2.4	7.6	ug/m3	174000
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.55	1.3	3.9	ug/m3	69.5
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.99	2.4	4	ug/m3	27.5
KAFB-106136-025	SV136-025-212	4/6/2021	N	N	U	U	0.59	1.3	4	ug/m3	3480
KAFB-106136-025	SV136-025-212	4/6/2021	N	Y	J	J	0.56	1.3	4	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.74	1.7	5.1	ug/m3	374
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.85	3.2	5.1	ug/m3	34800
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.61	1.7	5.1	ug/m3	1.56
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.87	3.2	5.1	ug/m3	31.2
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.58	1.7	5.1	ug/m3	36
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.72	1.7	9.9	ug/m3	104000
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.76	1.7	5.2	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	0.64	1.7	5.1	ug/m3	174000
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.66	1.7	9.9	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.1	3.2	5.1	ug/m3	24300
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.5	3.4	9.9	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.3	3.2	5.1	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.3	3.2	9.9	ug/m3	69.5
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.62	1.7	5.1	ug/m3	187
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.69	1.7	5.1	ug/m3	34.7
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.68	1.7	5.1	ug/m3	1390
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	1.4	3.4	9.9	ug/m3	3480
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	2.8	6.4	9.9	ug/m3	2430
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.84	3.2	5.1	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	1.4	3.4	9.9	ug/m3	3480
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.73	1.7	5	ug/m3	156
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.65	1.7	9.9	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	3.7	8.2	52	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	2.2	6.2	9.9	ug/m3	NS
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	12	27	51	ug/m3	1080000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y			0.7	1.7	5.2	ug/m3	40.7
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	120
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.85	3.2	5.1	ug/m3	520
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.65	3.2	5.1	ug/m3	348000
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.56	1.7	5.2	ug/m3	55.9
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.5	3.2	5.1	ug/m3	20900
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.6	5.3	9.9	ug/m3	24300
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	1.1	3.2	5.2	ug/m3	851
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	0.76	1.7	5.1	ug/m3	25.3
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.77	3.3	5.3	ug/m3	585
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	0.8	3.2	5	ug/m3	24300
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	0.86	3.2	5.1	ug/m3	3480
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.75	1.7	5.2	ug/m3	1040000
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	1.1	3.2	9.9	ug/m3	174000
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.71	1.7	5	ug/m3	69.5
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	1.3	3.1	5.1	ug/m3	27.5
KAFB-106136-050	SV136-050-212	4/6/2021	N	N	U	U	0.76	1.7	5.2	ug/m3	3480
KAFB-106136-050	SV136-050-212	4/6/2021	N	Y	J	J	0.73	1.7	5.1	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.48	1.1	3.4	ug/m3	374
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.55	2.1	3.4	ug/m3	34800
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.4	1.1	3.4	ug/m3	1.56
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.57	2.1	3.4	ug/m3	31.2
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.38	1.1	3.4	ug/m3	36
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.47	1.1	6.5	ug/m3	104000
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.5	1.1	3.4	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.42	1.1	3.4	ug/m3	174000
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.43	1.1	6.5	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.71	2.1	3.4	ug/m3	24300
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.43	1.1	6.5	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.71	2.1	3.4	ug/m3	24300
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.97	2.2	6.5	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.84	2.1	3.4	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.84	2.1	6.5	ug/m3	69.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	187
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.45	1.1	3.4	ug/m3	34.7
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.45	1.1	3.4	ug/m3	1390
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.9	2.2	6.5	ug/m3	3480
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	1.8	4.2	6.5	ug/m3	2430
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.55	2.1	3.4	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.9	2.2	6.5	ug/m3	3480
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.48	1.1	3.3	ug/m3	156
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.43	1.1	6.5	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	2.4	5.4	34	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	1.4	4.1	6.5	ug/m3	NS
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	7.7	17	34	ug/m3	1080000
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.46	1.1	3.4	ug/m3	40.7
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.5	1.1	3.4	ug/m3	120
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.55	2.1	3.4	ug/m3	520
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.43	2.1	3.4	ug/m3	348000
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.37	1.1	3.4	ug/m3	55.9
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.97	2.1	3.4	ug/m3	20900
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	1	3.5	6.5	ug/m3	24300
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.71	2.1	3.4	ug/m3	851
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.5	1.1	3.4	ug/m3	25.3
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.5	2.1	3.5	ug/m3	585
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.52	2.1	3.3	ug/m3	24300
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.56	2.1	3.4	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.49	1.1	3.4	ug/m3	1040000
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.71	2.1	6.5	ug/m3	174000
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.46	1.1	3.3	ug/m3	69.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.84	2	3.4	ug/m3	27.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	N	U	U	0.5	1.1	3.4	ug/m3	3480
KAFB-106136-150	SV136-150-212	4/6/2021	N	Y	J	J	0.48	1.1	3.4	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.46	1	3.2	ug/m3	374
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.53	2	3.2	ug/m3	34800
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.38	1	3.2	ug/m3	1.56
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.54	2	3.2	ug/m3	31.2
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.36	1	3.2	ug/m3	36
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.45	1	6.2	ug/m3	104000
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.48	1	3.3	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.4	1	3.2	ug/m3	174000
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.41	1	6.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.68	2	3.2	ug/m3	24300
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.93	2.1	6.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.8	2	3.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.8	2	6.2	ug/m3	69.5
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.39	1	3.2	ug/m3	187
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.43	1	3.2	ug/m3	34.7
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.43	1	3.2	ug/m3	1390
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.86	2.1	6.2	ug/m3	3480
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	1.7	4	6.2	ug/m3	2430
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.52	2	3.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.86	2.1	6.2	ug/m3	3480
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.46	1	3.1	ug/m3	156
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.41	1	6.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.46	1	3.1	ug/m3	156
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.41	1	6.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	2.3	5.1	33	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	1.4	3.9	6.2	ug/m3	NS
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	7.4	17	32	ug/m3	1080000
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.44	1	3.3	ug/m3	40.7
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.48	1	3.2	ug/m3	120
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.53	2	3.2	ug/m3	520
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.41	2	3.2	ug/m3	348000
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.35	1	3.3	ug/m3	55.9
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.93	2	3.2	ug/m3	20900
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.99	3.3	6.2	ug/m3	24300
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.68	2	3.3	ug/m3	851
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.48	1	3.2	ug/m3	25.3
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.48	2	3.3	ug/m3	585
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.5	2	3.1	ug/m3	24300
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.54	2	3.2	ug/m3	3480
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.47	1	3.3	ug/m3	1040000
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.68	2	6.2	ug/m3	174000
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.44	1	3.1	ug/m3	69.5
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.8	1.9	3.2	ug/m3	27.5
KAFB-106136-250	SV136-250-212	4/6/2021	N	N	U	U	0.48	1	3.3	ug/m3	3480
KAFB-106136-250	SV136-250-212	4/6/2021	N	Y	J	J	0.46	1	3.2	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.49	1.1	3.4	ug/m3	374
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.57	2.1	3.4	ug/m3	34800
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	1.56
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.58	2.1	3.4	ug/m3	31.2
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.39	1.1	3.4	ug/m3	36
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.48	1.1	6.6	ug/m3	104000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.51	1.1	3.5	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.43	1.1	3.4	ug/m3	174000
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y			0.44	1.1	6.6	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.72	2.1	3.4	ug/m3	24300
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.99	2.2	6.6	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.85	2.1	3.4	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.85	2.1	6.6	ug/m3	69.5
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	187
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.46	1.1	3.4	ug/m3	34.7
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.45	1.1	3.4	ug/m3	1390
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.92	2.2	6.6	ug/m3	3480
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	1.8	4.3	6.6	ug/m3	2430
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.56	2.1	3.4	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.92	2.2	6.6	ug/m3	3480
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.49	1.1	3.4	ug/m3	156
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.43	1.1	6.6	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	2.4	5.5	35	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	1.4	4.1	6.6	ug/m3	NS
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	7.9	18	34	ug/m3	1080000
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.47	1.1	3.5	ug/m3	40.7
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.51	1.1	3.4	ug/m3	120
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.57	2.1	3.4	ug/m3	520
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.43	2.1	3.4	ug/m3	348000
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.37	1.1	3.5	ug/m3	55.9
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.99	2.1	3.4	ug/m3	20900
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	1.1	3.6	6.6	ug/m3	24300
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.72	2.1	3.5	ug/m3	851
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.51	1.1	3.4	ug/m3	25.3
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.51	2.2	3.6	ug/m3	585
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.53	2.1	3.4	ug/m3	24300
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.57	2.1	3.4	ug/m3	3480
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.5	1.1	3.5	ug/m3	1040000
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.72	2.1	6.6	ug/m3	174000
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.47	1.1	3.4	ug/m3	69.5
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.85	2	3.4	ug/m3	27.5
KAFB-106136-350	SV136-350-212	4/6/2021	N	N	U	U	0.51	1.1	3.5	ug/m3	3480
KAFB-106136-350	SV136-350-212	4/6/2021	N	Y	J	J	0.49	1.1	3.4	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.61	1.4	4.2	ug/m3	374
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.7	2.6	4.2	ug/m3	34800
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.51	1.4	4.2	ug/m3	1.56
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.72	2.6	4.2	ug/m3	31.2
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.48	1.4	4.2	ug/m3	36
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.59	1.4	8.2	ug/m3	104000
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.63	1.4	4.3	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			0.53	1.4	4.2	ug/m3	174000
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			0.55	1.4	8.2	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.9	2.6	4.2	ug/m3	24300
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	1.2	2.8	8.2	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	1.1	2.6	4.2	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	1.1	2.6	8.2	ug/m3	69.5
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.51	1.4	4.2	ug/m3	187
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.57	1.4	4.2	ug/m3	34.7
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			0.56	1.4	4.2	ug/m3	1390
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	1.1	2.8	8.2	ug/m3	3480
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	2.3	5.3	8.2	ug/m3	2430

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.69	2.6	4.2	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	1.1	2.8	8.2	ug/m3	3480
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.6	1.4	4.2	ug/m3	156
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.54	1.4	8.2	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			3	6.8	43	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	1.8	5.1	8.2	ug/m3	NS
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			9.8	22	42	ug/m3	1080000
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.58	1.4	4.3	ug/m3	40.7
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.63	1.4	4.2	ug/m3	120
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			0.7	2.6	4.2	ug/m3	520
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.54	2.6	4.2	ug/m3	348000
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			0.46	1.4	4.3	ug/m3	55.9
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	1.2	2.6	4.2	ug/m3	20900
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y			1.3	4.4	8.2	ug/m3	24300
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.9	2.6	4.3	ug/m3	851
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.63	1.4	4.2	ug/m3	25.3
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.64	2.7	4.4	ug/m3	585
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.66	2.6	4.2	ug/m3	24300
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.71	2.6	4.2	ug/m3	3480
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.62	1.4	4.3	ug/m3	1040000
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.9	2.6	8.2	ug/m3	174000
KAFB-106136-450	SV136-450-212	4/6/2021	N	N	U	U	0.59	1.4	4.2	ug/m3	69.5
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	1.1	2.5	4.2	ug/m3	27.5
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.63	1.4	4.3	ug/m3	3480
KAFB-106136-450	SV136-450-212	4/6/2021	N	Y	J	J	0.6	1.4	4.2	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.55	1.2	3.8	ug/m3	374
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.63	2.3	3.8	ug/m3	34800
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.45	1.2	3.8	ug/m3	1.56
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.64	2.3	3.8	ug/m3	31.2
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.43	1.2	3.8	ug/m3	36
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.53	1.2	7.3	ug/m3	104000
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.56	1.2	3.9	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			0.47	1.2	3.8	ug/m3	174000
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.49	1.2	7.3	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.8	2.3	3.8	ug/m3	24300
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	1.1	2.5	7.3	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.95	2.3	3.8	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.95	2.3	7.3	ug/m3	69.5
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.46	1.2	3.8	ug/m3	187
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.51	1.2	3.8	ug/m3	34.7
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.5	1.2	3.8	ug/m3	1390
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			1	2.5	7.3	ug/m3	3480
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	2	4.7	7.3	ug/m3	2430
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.62	2.3	3.8	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			1	2.5	7.3	ug/m3	3480
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.54	1.2	3.7	ug/m3	156
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.48	1.2	7.3	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	2.7	6	39	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	1.6	4.6	7.3	ug/m3	NS
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	8.7	20	38	ug/m3	1080000
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.52	1.2	3.9	ug/m3	40.7
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.56	1.2	3.8	ug/m3	120
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.63	2.3	3.8	ug/m3	520
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.48	2.3	3.8	ug/m3	348000
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.41	1.2	3.9	ug/m3	55.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	1.1	2.3	3.8	ug/m3	20900
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			1.2	3.9	7.3	ug/m3	24300
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.8	2.3	3.9	ug/m3	851
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.56	1.2	3.8	ug/m3	25.3
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.57	2.4	3.9	ug/m3	585
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			0.59	2.3	3.7	ug/m3	24300
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.63	2.3	3.8	ug/m3	3480
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.55	1.2	3.9	ug/m3	1040000
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.8	2.3	7.3	ug/m3	174000
KAFB-106138-025	SV138-025-212	4/6/2021	N	N	U	U	0.52	1.2	3.7	ug/m3	69.5
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			0.95	2.3	3.8	ug/m3	27.5
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y	J	J	0.56	1.2	3.9	ug/m3	3480
KAFB-106138-025	SV138-025-212	4/6/2021	N	Y			0.54	1.2	3.8	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.56	1.3	3.8	ug/m3	374
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.64	2.4	3.8	ug/m3	34800
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.46	1.3	3.8	ug/m3	1.56
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.65	2.4	3.8	ug/m3	31.2
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.44	1.3	3.8	ug/m3	36
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.54	1.3	7.4	ug/m3	104000
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.57	1.3	3.9	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.48	1.3	3.8	ug/m3	174000
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.5	1.3	7.4	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.81	2.4	3.8	ug/m3	24300
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	1.1	2.5	7.4	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.96	2.4	3.8	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.96	2.4	7.4	ug/m3	69.5
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.47	1.3	3.8	ug/m3	187
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.52	1.3	3.8	ug/m3	34.7
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.47	1.3	3.8	ug/m3	187
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.52	1.3	3.8	ug/m3	34.7
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.51	1.3	3.8	ug/m3	1390
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	1	2.5	7.4	ug/m3	3480
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	2.1	4.8	7.4	ug/m3	2430
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.63	2.4	3.8	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	1	2.5	7.4	ug/m3	3480
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.55	1.3	3.8	ug/m3	156
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.49	1.3	7.4	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	2.7	6.1	39	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	1.6	4.7	7.4	ug/m3	NS
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	8.9	20	38	ug/m3	1080000
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.53	1.3	3.9	ug/m3	40.7
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.57	1.3	3.8	ug/m3	120
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.64	2.4	3.8	ug/m3	520
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.49	2.4	3.8	ug/m3	348000
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.42	1.3	3.9	ug/m3	55.9
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	1.1	2.4	3.8	ug/m3	20900
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y			1.2	4	7.4	ug/m3	24300
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.81	2.4	3.9	ug/m3	851
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.57	1.3	3.8	ug/m3	25.3
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.58	2.4	4	ug/m3	585
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y			0.6	2.4	3.8	ug/m3	24300
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.64	2.4	3.8	ug/m3	3480
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.56	1.3	3.9	ug/m3	1040000
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.81	2.4	7.4	ug/m3	174000
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.53	1.3	3.8	ug/m3	69.5
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.96	2.3	3.8	ug/m3	27.5
KAFB-106138-050	SV138-050-212	4/6/2021	N	N	U	U	0.57	1.3	3.9	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106138-050	SV138-050-212	4/6/2021	N	Y	J	J	0.55	1.3	3.8	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.34	0.77	2.4	ug/m3	374
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.39	1.4	2.4	ug/m3	34800
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.28	0.77	2.4	ug/m3	1.56
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.4	1.4	2.4	ug/m3	31.2
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.27	0.77	2.4	ug/m3	36
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.33	0.77	4.5	ug/m3	104000
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.29	0.77	2.4	ug/m3	174000
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.3	0.77	4.5	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	24300
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.68	1.5	4.5	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.59	1.4	2.4	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.59	1.4	4.5	ug/m3	69.5
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.29	0.77	2.4	ug/m3	187
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	34.7
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.31	0.77	2.4	ug/m3	1390
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	1.3	2.9	4.5	ug/m3	2430
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.38	1.4	2.4	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	156
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	JB	1.7	3.8	24	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	1	2.9	4.5	ug/m3	NS
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	5.4	12	24	ug/m3	1080000
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	40.7
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	120
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.39	1.4	2.4	ug/m3	520
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.3	1.4	2.4	ug/m3	348000
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.68	1.4	2.4	ug/m3	20900
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.72	2.4	4.5	ug/m3	24300
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	851
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	25.3
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.37	1.4	2.3	ug/m3	24300
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.39	1.4	2.4	ug/m3	3480
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y			0.34	0.77	2.4	ug/m3	1040000
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.5	1.4	4.5	ug/m3	174000
KAFB-106109-025	SV109-025-212	4/13/2021	N	Y	J	J	0.33	0.77	2.3	ug/m3	69.5
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	3480
KAFB-106109-025	SV109-025-212	4/13/2021	N	N	U	U	0.33	0.77	2.4	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.34	0.77	2.4	ug/m3	374
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.28	0.77	2.4	ug/m3	1.56
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.27	0.77	2.4	ug/m3	36
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.33	0.77	4.6	ug/m3	104000
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.3	0.77	2.4	ug/m3	174000
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.3	0.77	4.6	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	24300
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.68	1.5	4.6	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.59	1.5	2.4	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.29	0.77	2.4	ug/m3	187
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	34.7
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.31	0.77	2.4	ug/m3	1390
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.64	1.5	4.6	ug/m3	3480
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	1.3	3	4.6	ug/m3	2430
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.64	1.5	4.6	ug/m3	3480
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.34	0.77	2.3	ug/m3	156
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.3	0.77	4.6	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	JB	1.7	3.8	24	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	1	2.9	4.6	ug/m3	NS
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	5.5	12	24	ug/m3	1080000
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	40.7
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	120
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.68	1.5	2.4	ug/m3	20900
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.73	2.5	4.6	ug/m3	24300
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	25.3
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.35	1.5	2.5	ug/m3	585
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y			0.35	0.77	2.4	ug/m3	1040000
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.5	1.5	4.6	ug/m3	174000
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	69.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	3480
KAFB-106109-050	SV109-050-212	4/13/2021	N	Y	J	J	0.34	0.77	2.4	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.42	0.95	2.9	ug/m3	374
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	34800
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.35	0.95	2.9	ug/m3	1.56
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	31.2
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.33	0.95	2.9	ug/m3	36
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.41	0.95	5.6	ug/m3	104000
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.43	0.95	3	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.36	0.95	2.9	ug/m3	174000
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	0.37	0.95	5.6	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.61	1.8	2.9	ug/m3	24300
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.84	1.9	5.6	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.72	1.8	2.9	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.72	1.8	5.6	ug/m3	69.5
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.35	0.95	2.9	ug/m3	187
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.39	0.95	2.9	ug/m3	34.7
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.38	0.95	2.9	ug/m3	1390
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.78	1.9	5.6	ug/m3	3480
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			1.6	3.6	5.6	ug/m3	2430
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.47	1.8	2.9	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.78	1.9	5.6	ug/m3	3480
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.41	0.95	2.8	ug/m3	156
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.37	0.95	5.6	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y		B	2.1	4.6	30	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	1.2	3.5	5.6	ug/m3	NS
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	6.7	15	29	ug/m3	1080000
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	0.4	0.95	3	ug/m3	40.7
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	0.43	0.95	2.9	ug/m3	120
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	520
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.37	1.8	2.9	ug/m3	348000
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.32	0.95	3	ug/m3	55.9
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.84	1.8	2.9	ug/m3	20900
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	0.89	3	5.6	ug/m3	24300
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.61	1.8	3	ug/m3	851
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.43	0.95	2.9	ug/m3	25.3
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.43	1.8	3	ug/m3	585
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.45	1.8	2.8	ug/m3	24300
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.49	1.8	2.9	ug/m3	3480
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.42	0.95	3	ug/m3	1040000
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y	J	J	0.61	1.8	5.6	ug/m3	174000
KAFB-106109-150	SV109-150-212	4/13/2021	N	Y			0.4	0.95	2.8	ug/m3	69.5
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.72	1.7	2.9	ug/m3	27.5
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.43	0.95	3	ug/m3	3480
KAFB-106109-150	SV109-150-212	4/13/2021	N	N	U	U	0.41	0.95	2.9	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.31	0.7	2.1	ug/m3	374
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	34800
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.26	0.7	2.1	ug/m3	1.56
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.36	1.3	2.1	ug/m3	31.2
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.24	0.7	2.1	ug/m3	36
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.3	0.7	4.1	ug/m3	104000
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.32	0.7	2.2	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.27	0.7	2.1	ug/m3	174000
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.32	0.7	2.2	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.27	0.7	2.1	ug/m3	174000
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.28	0.7	4.1	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.45	1.3	2.1	ug/m3	24300
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.62	1.4	4.1	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.54	1.3	2.1	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.54	1.3	4.1	ug/m3	69.5
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.26	0.7	2.1	ug/m3	187
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.29	0.7	2.1	ug/m3	34.7
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.28	0.7	2.1	ug/m3	1390
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.58	1.4	4.1	ug/m3	3480
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	1.2	2.7	4.1	ug/m3	2430
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.58	1.4	4.1	ug/m3	3480
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.31	0.7	2.1	ug/m3	156
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.27	0.7	4.1	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y		B	1.5	3.4	22	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.91	2.6	4.1	ug/m3	NS
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	5	11	21	ug/m3	1080000
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.29	0.7	2.2	ug/m3	40.7
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.32	0.7	2.1	ug/m3	120
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	520
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.27	1.3	2.1	ug/m3	348000
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.24	0.7	2.2	ug/m3	55.9
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.62	1.3	2.1	ug/m3	20900
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.66	2.2	4.1	ug/m3	24300
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.45	1.3	2.2	ug/m3	851
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.32	0.7	2.1	ug/m3	25.3
KAFB-106109-250	SV109-250-212	4/13/2021	N	N	U	U	0.32	1.4	2.2	ug/m3	585

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.33	1.3	2.1	ug/m3	24300
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.36	1.3	2.1	ug/m3	3480
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.31	0.7	2.2	ug/m3	1040000
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.45	1.3	4.1	ug/m3	174000
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y			0.3	0.7	2.1	ug/m3	69.5
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.54	1.3	2.1	ug/m3	27.5
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.32	0.7	2.2	ug/m3	3480
KAFB-106109-250	SV109-250-212	4/13/2021	N	Y	J	J	0.31	0.7	2.1	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.41	0.93	2.8	ug/m3	374
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	34800
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.34	0.93	2.8	ug/m3	1.56
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.32	0.93	2.8	ug/m3	36
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.4	0.93	5.5	ug/m3	104000
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.42	0.93	2.9	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	J	0.35	0.93	2.8	ug/m3	174000
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.37	0.93	5.5	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	J	0.6	1.7	2.8	ug/m3	24300
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.82	1.9	5.5	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.71	1.7	2.8	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	J	0.71	1.7	5.5	ug/m3	69.5
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.34	0.93	2.8	ug/m3	187
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.38	0.93	2.8	ug/m3	34.7
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.38	0.93	2.8	ug/m3	1390
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.76	1.9	5.5	ug/m3	3480
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	1.5	3.5	5.5	ug/m3	2430
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.76	1.9	5.5	ug/m3	3480
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.76	1.9	5.5	ug/m3	3480
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.4	0.93	2.8	ug/m3	156
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	J	0.36	0.93	5.5	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	JB	2	4.5	29	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			1.2	3.4	5.5	ug/m3	NS
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	6.5	15	28	ug/m3	1080000
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	J	0.39	0.93	2.9	ug/m3	40.7
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.42	0.93	2.8	ug/m3	120
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	520
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.36	1.7	2.8	ug/m3	348000
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.31	0.93	2.9	ug/m3	55.9
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.82	1.7	2.8	ug/m3	20900
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.87	2.9	5.5	ug/m3	24300
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.6	1.7	2.9	ug/m3	851
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.42	0.93	2.8	ug/m3	25.3
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.43	1.8	2.9	ug/m3	585
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y	J	J	0.44	1.7	2.8	ug/m3	24300
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.47	1.7	2.8	ug/m3	3480
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.41	0.93	2.9	ug/m3	1040000
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.6	1.7	5.5	ug/m3	174000
KAFB-106109-350	SV109-350-212	4/13/2021	N	Y			0.39	0.93	2.8	ug/m3	69.5
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.71	1.7	2.8	ug/m3	27.5
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.42	0.93	2.9	ug/m3	3480
KAFB-106109-350	SV109-350-212	4/13/2021	N	N	U	U	0.4	0.93	2.8	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.37	0.83	2.5	ug/m3	374
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.3	0.83	2.5	ug/m3	1.56
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.29	0.83	2.5	ug/m3	36
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.36	0.83	4.9	ug/m3	104000
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.38	0.83	2.6	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.32	0.83	2.5	ug/m3	174000
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.33	0.83	4.9	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.54	1.6	2.5	ug/m3	24300
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.74	1.7	4.9	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.64	1.6	2.5	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.31	0.83	2.5	ug/m3	187
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.34	0.83	2.5	ug/m3	34.7
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.34	0.83	2.5	ug/m3	1390
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.69	1.7	4.9	ug/m3	3480
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.42	1.6	2.5	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.69	1.7	4.9	ug/m3	3480
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	156
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.32	0.83	4.9	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y		B	1.8	4.1	26	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	1.1	3.1	4.9	ug/m3	NS
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			5.9	13	25	ug/m3	1080000
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.35	0.83	2.6	ug/m3	40.7
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.38	0.83	2.5	ug/m3	120
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.42	1.6	2.5	ug/m3	520
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.32	1.6	2.5	ug/m3	348000
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.28	0.83	2.6	ug/m3	55.9
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.74	1.6	2.5	ug/m3	20900
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.78	2.6	4.9	ug/m3	24300
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.38	0.83	2.5	ug/m3	25.3
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.38	1.6	2.6	ug/m3	585
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.43	1.6	2.5	ug/m3	3480
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.37	0.83	2.6	ug/m3	1040000
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.54	1.6	4.9	ug/m3	174000
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y			0.35	0.83	2.5	ug/m3	69.5
KAFB-106109-450	SV109-450-212	4/13/2021	N	N	U	U	0.64	1.5	2.5	ug/m3	27.5
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.38	0.83	2.6	ug/m3	3480
KAFB-106109-450	SV109-450-212	4/13/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.32	0.74	2.2	ug/m3	374
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.27	0.74	2.2	ug/m3	1.56
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.38	1.4	2.2	ug/m3	31.2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.26	0.74	2.2	ug/m3	36
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.32	0.74	4.3	ug/m3	104000
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.33	0.74	2.3	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.28	0.74	2.2	ug/m3	174000
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.29	0.74	4.3	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.48	1.4	2.2	ug/m3	24300
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.65	1.5	4.3	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.56	1.4	2.2	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.27	0.74	2.2	ug/m3	187
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.3	0.74	2.2	ug/m3	34.7
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.3	0.74	2.2	ug/m3	1390

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.61	1.5	4.3	ug/m3	3480
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			1.2	2.8	4.3	ug/m3	2430
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.37	1.4	2.2	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.61	1.5	4.3	ug/m3	3480
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.32	0.74	2.2	ug/m3	156
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.29	0.74	4.3	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	JB	1.6	3.6	23	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.95	2.7	4.3	ug/m3	NS
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	5.2	12	22	ug/m3	1080000
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.31	0.74	2.3	ug/m3	40.7
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.33	0.74	2.2	ug/m3	120
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.37	1.4	2.2	ug/m3	520
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.29	1.4	2.2	ug/m3	348000
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.25	0.74	2.3	ug/m3	55.9
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.65	1.4	2.2	ug/m3	20900
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.69	2.3	4.3	ug/m3	24300
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.33	0.74	2.2	ug/m3	25.3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.34	1.4	2.3	ug/m3	585
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.38	1.4	2.2	ug/m3	3480
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.33	0.74	2.3	ug/m3	1040000
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.48	1.4	4.3	ug/m3	174000
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y			0.31	0.74	2.2	ug/m3	69.5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	N	U	U	0.56	1.3	2.2	ug/m3	27.5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.33	0.74	2.3	ug/m3	3480
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Y	J	J	0.32	0.74	2.2	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.38	0.87	2.7	ug/m3	374
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	34800
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.32	0.87	2.7	ug/m3	1.56
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.45	1.6	2.7	ug/m3	31.2
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.3	0.87	2.7	ug/m3	36
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.37	0.87	5.1	ug/m3	104000
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y			0.33	0.87	2.7	ug/m3	174000
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.34	0.87	5.1	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	24300
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.77	1.7	5.1	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.66	1.6	2.7	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.32	0.87	2.7	ug/m3	187
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.36	0.87	2.7	ug/m3	34.7
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.35	0.87	2.7	ug/m3	1390
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y			1.4	3.3	5.1	ug/m3	2430
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.43	1.6	2.7	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y			0.38	0.87	2.6	ug/m3	156
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.34	0.87	5.1	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	JB	1.9	4.2	27	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	6.1	14	27	ug/m3	1080000
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.36	0.87	2.7	ug/m3	40.7
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.39	0.87	2.7	ug/m3	120
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	520

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.34	1.6	2.7	ug/m3	348000
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.29	0.87	2.7	ug/m3	55.9
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.77	1.6	2.7	ug/m3	20900
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.82	2.8	5.1	ug/m3	24300
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	25.3
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y			0.44	1.6	2.7	ug/m3	3480
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y			0.39	0.87	2.7	ug/m3	1040000
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.56	1.6	5.1	ug/m3	174000
KAFB-106110-025	SV110-025-212	4/13/2021	N	Y	J	J	0.37	0.87	2.6	ug/m3	69.5
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.66	1.6	2.7	ug/m3	27.5
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.39	0.87	2.7	ug/m3	3480
KAFB-106110-025	SV110-025-212	4/13/2021	N	N	U	U	0.38	0.87	2.7	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.32	0.73	2.2	ug/m3	374
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	1.56
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.25	0.73	2.2	ug/m3	36
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.31	0.73	4.3	ug/m3	104000
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.33	0.73	2.3	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.28	0.73	2.2	ug/m3	174000
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.29	0.73	4.3	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.47	1.4	2.2	ug/m3	24300
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.64	1.5	4.3	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.56	1.4	2.2	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.56	1.4	2.2	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	187
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.3	0.73	2.2	ug/m3	34.7
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.29	0.73	2.2	ug/m3	1390
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.6	1.5	4.3	ug/m3	3480
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			1.2	2.8	4.3	ug/m3	2430
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.6	1.5	4.3	ug/m3	3480
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.32	0.73	2.2	ug/m3	156
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.28	0.73	4.3	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y		B	1.6	3.5	23	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.94	2.7	4.3	ug/m3	NS
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			5.1	12	22	ug/m3	1080000
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.3	0.73	2.3	ug/m3	40.7
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.33	0.73	2.2	ug/m3	120
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	520
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.24	0.73	2.3	ug/m3	55.9
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y	J	J	0.64	1.4	2.2	ug/m3	20900
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.68	2.3	4.3	ug/m3	24300
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.33	0.73	2.2	ug/m3	25.3
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.35	1.4	2.2	ug/m3	24300
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.32	0.73	2.3	ug/m3	1040000
KAFB-106110-050	SV110-050-212	4/13/2021	N	Y			0.47	1.4	4.3	ug/m3	174000
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.31	0.73	2.2	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.56	1.3	2.2	ug/m3	27.5
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.33	0.73	2.3	ug/m3	3480
KAFB-106110-050	SV110-050-212	4/13/2021	N	N	U	U	0.32	0.73	2.2	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	360	1100	ug/m3	374
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	180	680	1100	ug/m3	34800
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	130	360	1100	ug/m3	1.56
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	190	680	1100	ug/m3	31.2
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	120	360	1100	ug/m3	36
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	150	360	2100	ug/m3	104000
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	360	1100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y	J	J	140	360	1100	ug/m3	174000
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	140	360	2100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y			230	680	1100	ug/m3	24300
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y			320	720	2100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y			270	680	1100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	270	680	2100	ug/m3	69.5
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	130	360	1100	ug/m3	187
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	150	360	1100	ug/m3	34.7
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y	J	J	150	360	1100	ug/m3	1390
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y	J	J	300	720	2100	ug/m3	3480
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	590	1400	2100	ug/m3	2430
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y			180	680	1100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	300	720	2100	ug/m3	3480
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	360	1100	ug/m3	156
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	140	360	2100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y	J	JB	780	1800	11000	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	460	1300	2100	ug/m3	NS
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	2500	5700	11000	ug/m3	1080000
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	150	360	1100	ug/m3	40.7
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y			160	360	1100	ug/m3	120
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	180	680	1100	ug/m3	520
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	140	680	1100	ug/m3	348000
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	120	360	1100	ug/m3	55.9
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	320	680	1100	ug/m3	20900
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	340	1100	2100	ug/m3	24300
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	230	680	1100	ug/m3	851
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	360	1100	ug/m3	25.3
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	700	1100	ug/m3	585
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	170	680	1100	ug/m3	24300
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	180	680	1100	ug/m3	3480
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	360	1100	ug/m3	1040000
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	230	680	2100	ug/m3	174000
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y	J	J	150	360	1100	ug/m3	69.5
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	270	650	1100	ug/m3	27.5
KAFB-106110-150	SV110-150-212	4/13/2021	N	Y	J	J	160	360	1100	ug/m3	3480
KAFB-106110-150	SV110-150-212	4/13/2021	N	N	U	U	160	360	1100	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	2900	8800	ug/m3	374
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1500	5400	8800	ug/m3	34800
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1100	2900	8800	ug/m3	1.56
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1500	5400	8800	ug/m3	31.2
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1000	2900	8800	ug/m3	36
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1200	2900	17000	ug/m3	104000
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	2900	9000	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			1100	2900	8800	ug/m3	174000
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1100	2900	17000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			1900	5400	8800	ug/m3	24300
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			2600	5800	17000	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			2200	5400	8800	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	2200	5400	17000	ug/m3	69.5
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1100	2900	8800	ug/m3	187
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1200	2900	8800	ug/m3	34.7
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y	J	J	1200	2900	8800	ug/m3	1390
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			2400	5800	17000	ug/m3	3480
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	4800	11000	17000	ug/m3	2430
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			1400	5400	8800	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y	J	J	2400	5800	17000	ug/m3	3480
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	2900	8700	ug/m3	156
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1100	2900	17000	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y	J	J	6300	14000	90000	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	3700	11000	17000	ug/m3	NS
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	20000	46000	88000	ug/m3	1080000
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1200	2900	9000	ug/m3	40.7
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y			1300	2900	8800	ug/m3	120
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1500	5400	8800	ug/m3	520
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1100	5400	8800	ug/m3	348000
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	970	2900	9000	ug/m3	55.9
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	2600	5400	8800	ug/m3	20900
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	2700	9200	17000	ug/m3	24300
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1900	5400	9000	ug/m3	851
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	2900	8800	ug/m3	25.3
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	5600	9200	ug/m3	585
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1400	5400	8700	ug/m3	24300
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1500	5400	8800	ug/m3	3480
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1400	5400	8700	ug/m3	2430
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1500	5400	8700	ug/m3	24300
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1500	5400	8800	ug/m3	3480
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	2900	9000	ug/m3	1040000
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1900	5400	17000	ug/m3	174000
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1200	2900	8700	ug/m3	69.5
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	2200	5300	8800	ug/m3	27.5
KAFB-106110-250	SV110-250-212	4/13/2021	N	Y	J	J	1300	2900	9000	ug/m3	3480
KAFB-106110-250	SV110-250-212	4/13/2021	N	N	U	U	1300	2900	8800	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	880	2000	6100	ug/m3	374
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1000	3700	6100	ug/m3	34800
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	720	2000	6100	ug/m3	1.56
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1000	3700	6100	ug/m3	31.2
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	690	2000	6100	ug/m3	36
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	850	2000	12000	ug/m3	104000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	900	2000	6200	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			760	2000	6100	ug/m3	174000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	780	2000	12000	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			1300	3700	6100	ug/m3	24300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			1800	4000	12000	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			1500	3700	6100	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1500	3700	12000	ug/m3	69.5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	740	2000	6100	ug/m3	187
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	820	2000	6100	ug/m3	34.7
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y	J	J	810	2000	6100	ug/m3	1390
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			1600	4000	12000	ug/m3	3480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	3300	7600	12000	ug/m3	2430
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			990	3700	6100	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			1600	4000	12000	ug/m3	3480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	860	2000	6000	ug/m3	156

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	770	2000	12000	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	4300	9700	62000	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	2600	7400	12000	ug/m3	NS
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	14000	32000	61000	ug/m3	1080000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	830	2000	6200	ug/m3	40.7
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y			900	2000	6100	ug/m3	120
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1000	3700	6100	ug/m3	520
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	770	3700	6100	ug/m3	348000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	670	2000	6200	ug/m3	55.9
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1800	3700	6100	ug/m3	20900
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1900	6300	12000	ug/m3	24300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1300	3700	6200	ug/m3	851
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	900	2000	6100	ug/m3	25.3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	910	3900	6300	ug/m3	585
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	950	3700	6000	ug/m3	24300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1000	3700	6100	ug/m3	3480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	890	2000	6200	ug/m3	1040000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1300	3700	12000	ug/m3	174000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	840	2000	6000	ug/m3	69.5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	1500	3600	6100	ug/m3	27.5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Y	J	J	900	2000	6200	ug/m3	3480
KAFB-106110-250	SV110-250-612	4/13/2021	FD	N	U	U	860	2000	6100	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	240	730	ug/m3	374
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	120	450	730	ug/m3	34800
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	87	240	730	ug/m3	1.56
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	120	450	730	ug/m3	31.2
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	83	240	730	ug/m3	36
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	100	240	1400	ug/m3	104000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	83	240	1400	ug/m3	36
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	100	240	1400	ug/m3	104000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	240	750	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y	J	J	91	240	730	ug/m3	174000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	94	240	1400	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y			150	450	730	ug/m3	24300
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y			210	480	1400	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y			180	450	730	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	180	450	1400	ug/m3	69.5
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	89	240	730	ug/m3	187
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	98	240	730	ug/m3	34.7
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y	J	J	97	240	730	ug/m3	1390
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	200	480	1400	ug/m3	3480
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	390	910	1400	ug/m3	2430
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y			120	450	730	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	200	480	1400	ug/m3	3480
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	100	240	720	ug/m3	156
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	93	240	1400	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	520	1200	7500	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	310	890	1400	ug/m3	NS
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	1700	3800	7300	ug/m3	1080000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	100	240	750	ug/m3	40.7
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	240	730	ug/m3	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	120	450	730	ug/m3	520
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	93	450	730	ug/m3	348000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	80	240	750	ug/m3	55.9
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	210	450	730	ug/m3	20900
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	230	760	1400	ug/m3	24300
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	150	450	750	ug/m3	851

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	240	730	ug/m3	25.3
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	460	760	ug/m3	585
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	450	720	ug/m3	24300
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y	J	J	120	450	730	ug/m3	3480
KAFB-106110-350	SV110-350-212	4/13/2021	N	Y	J	J	110	240	750	ug/m3	1040000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	150	450	1400	ug/m3	174000
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	100	240	720	ug/m3	69.5
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	180	440	730	ug/m3	27.5
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	110	240	750	ug/m3	3480
KAFB-106110-350	SV110-350-212	4/13/2021	N	N	U	U	100	240	730	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	9.4	21	65	ug/m3	374
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	11	40	65	ug/m3	34800
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	7.7	21	65	ug/m3	1.56
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	11	40	65	ug/m3	31.2
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	7.4	21	65	ug/m3	36
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9.1	21	120	ug/m3	104000
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9.6	21	66	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			8.1	21	65	ug/m3	174000
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	8.4	21	120	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			19	42	120	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			16	40	65	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	16	40	120	ug/m3	69.5
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	7.9	21	65	ug/m3	187
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	8.7	21	65	ug/m3	34.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	8.6	21	65	ug/m3	1390
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			17	42	120	ug/m3	3480
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	35	81	120	ug/m3	2430
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			11	40	65	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			17	42	120	ug/m3	3480
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9.2	21	64	ug/m3	156
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	8.2	21	120	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	46	100	660	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	27	79	120	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	150	340	650	ug/m3	1080000
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	8.9	21	66	ug/m3	40.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			9.6	21	65	ug/m3	120
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	11	40	65	ug/m3	520
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	8.2	40	65	ug/m3	348000
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	7.1	21	66	ug/m3	55.9
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	19	40	65	ug/m3	20900
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y			20	67	120	ug/m3	24300
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	14	40	66	ug/m3	851
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9.6	21	65	ug/m3	25.3
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9.7	41	67	ug/m3	585
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	10	40	64	ug/m3	24300
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	11	40	65	ug/m3	3480
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	9.5	21	66	ug/m3	1040000
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	14	40	120	ug/m3	174000
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9	21	64	ug/m3	69.5
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	16	39	65	ug/m3	27.5
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y	J	J	9.6	21	66	ug/m3	3480
KAFB-106110-450	SV110-450-212	4/13/2021	N	N	U	U	9.2	21	65	ug/m3	NS
KAFB-106110-450	SV110-450-212	4/13/2021	N	Y		D	41	120	190	ug/m3	24300
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.34	0.76	2.3	ug/m3	374
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	1.56
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.26	0.76	2.3	ug/m3	36
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.33	0.76	4.5	ug/m3	104000
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.34	0.76	2.4	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.29	0.76	2.3	ug/m3	174000
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.3	0.76	4.5	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.49	1.4	2.3	ug/m3	24300
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.67	1.5	4.5	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.58	1.4	2.3	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	187
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.31	0.76	2.3	ug/m3	34.7
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.31	0.76	2.3	ug/m3	1390
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	1.3	2.9	4.5	ug/m3	2430
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.38	1.4	2.3	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.33	0.76	2.3	ug/m3	156
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.3	0.76	4.5	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	JB	1.7	3.7	24	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.98	2.8	4.5	ug/m3	NS
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	5.4	12	23	ug/m3	1080000
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.32	0.76	2.4	ug/m3	40.7
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.34	0.76	2.3	ug/m3	120
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.3	1.4	2.3	ug/m3	348000
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.26	0.76	2.4	ug/m3	55.9
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.26	0.76	2.4	ug/m3	55.9
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.67	1.4	2.3	ug/m3	20900
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.72	2.4	4.5	ug/m3	24300
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.49	1.4	2.4	ug/m3	851
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.34	0.76	2.3	ug/m3	25.3
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.36	1.4	2.3	ug/m3	24300
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	1040000
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y	J	J	0.49	1.4	4.5	ug/m3	174000
KAFB-106113-020	SV113-020-212	4/13/2021	N	N	U	U	0.32	0.76	2.3	ug/m3	69.5
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.58	1.4	2.3	ug/m3	27.5
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.34	0.76	2.4	ug/m3	3480
KAFB-106113-020	SV113-020-212	4/13/2021	N	Y			0.33	0.76	2.3	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.34	0.79	4.7	ug/m3	104000
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.3	0.79	2.4	ug/m3	174000
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.31	0.79	4.7	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.51	1.5	2.4	ug/m3	24300
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.7	1.6	4.7	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.6	1.5	2.4	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.6	1.5	4.7	ug/m3	69.5
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	187

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.33	0.79	2.4	ug/m3	34.7
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.32	0.79	2.4	ug/m3	1390
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.65	1.6	4.7	ug/m3	3480
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	1.3	3	4.7	ug/m3	2430
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.65	1.6	4.7	ug/m3	3480
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.34	0.79	2.4	ug/m3	156
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.31	0.79	4.7	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	JB	1.7	3.9	25	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			1	2.9	4.7	ug/m3	NS
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	5.6	13	24	ug/m3	1080000
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.33	0.79	2.5	ug/m3	40.7
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	120
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.7	1.5	2.4	ug/m3	20900
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.74	2.5	4.7	ug/m3	24300
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.36	0.79	2.4	ug/m3	25.3
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.38	1.5	2.4	ug/m3	24300
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.35	0.79	2.5	ug/m3	1040000
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.51	1.5	4.7	ug/m3	174000
KAFB-106113-050	SV113-050-212	4/13/2021	N	N	U	U	0.33	0.79	2.4	ug/m3	69.5
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.6	1.4	2.4	ug/m3	27.5
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	3480
KAFB-106113-050	SV113-050-212	4/13/2021	N	Y			0.34	0.79	2.4	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.34	0.77	2.4	ug/m3	374
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.39	1.4	2.4	ug/m3	34800
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.28	0.77	2.4	ug/m3	1.56
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.4	1.4	2.4	ug/m3	31.2
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.27	0.77	2.4	ug/m3	36
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.33	0.77	4.5	ug/m3	104000
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.29	0.77	2.4	ug/m3	174000
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.3	0.77	4.5	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	24300
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.68	1.5	4.5	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.59	1.4	2.4	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.59	1.4	4.5	ug/m3	69.5
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.29	0.77	2.4	ug/m3	187
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	34.7
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.31	0.77	2.4	ug/m3	1390
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	1.3	2.9	4.5	ug/m3	2430
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.38	1.4	2.4	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.33	0.77	2.3	ug/m3	156
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y		B	1.7	3.8	24	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			1	2.9	4.5	ug/m3	NS
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	5.4	12	24	ug/m3	1080000
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.32	0.77	2.4	ug/m3	40.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lim	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	120
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.39	1.4	2.4	ug/m3	520
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.3	1.4	2.4	ug/m3	348000
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.68	1.4	2.4	ug/m3	20900
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.72	2.4	4.5	ug/m3	24300
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	851
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	25.3
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.37	1.4	2.3	ug/m3	24300
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.39	1.4	2.4	ug/m3	3480
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.34	0.77	2.4	ug/m3	1040000
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.5	1.4	4.5	ug/m3	174000
KAFB-106113-150	SV113-150-212	4/13/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	69.5
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.59	1.4	2.4	ug/m3	27.5
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	3480
KAFB-106113-150	SV113-150-212	4/13/2021	N	Y			0.33	0.77	2.4	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	374
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.27	0.74	2.3	ug/m3	1.56
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.26	0.74	2.3	ug/m3	36
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.32	0.74	4.4	ug/m3	104000
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.28	0.74	2.3	ug/m3	174000
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.48	1.4	2.3	ug/m3	24300
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.66	1.5	4.4	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.57	1.4	2.3	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.28	0.74	2.3	ug/m3	187
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.31	0.74	2.3	ug/m3	34.7
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.3	0.74	2.3	ug/m3	1390
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	1.2	2.8	4.4	ug/m3	2430
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.37	1.4	2.3	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.32	0.74	2.2	ug/m3	156
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	JB	1.6	3.6	23	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.96	2.8	4.4	ug/m3	NS
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	5.3	12	23	ug/m3	1080000
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.31	0.74	2.3	ug/m3	40.7
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.34	0.74	2.3	ug/m3	120
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.25	0.74	2.3	ug/m3	55.9
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.7	2.4	4.4	ug/m3	24300
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.34	0.74	2.3	ug/m3	25.3
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.34	1.4	2.4	ug/m3	585
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.35	1.4	2.2	ug/m3	24300
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.33	0.74	2.3	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
KAFB-106113-250	SV113-250-212	4/13/2021	N	N	U	U	0.32	0.74	2.2	ug/m3	69.5
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.57	1.4	2.3	ug/m3	27.5
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	3480
KAFB-106113-250	SV113-250-212	4/13/2021	N	Y			0.32	0.74	2.3	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	18	41	130	ug/m3	374
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	21	78	130	ug/m3	34800
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	15	41	130	ug/m3	1.56
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	21	78	130	ug/m3	31.2
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	14	41	130	ug/m3	36
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	18	41	240	ug/m3	104000
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	19	41	130	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			16	41	130	ug/m3	174000
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	16	41	240	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			27	78	130	ug/m3	24300
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			36	83	240	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			32	78	130	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	32	78	240	ug/m3	69.5
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	15	41	130	ug/m3	187
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	17	41	130	ug/m3	34.7
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	17	41	130	ug/m3	1390
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			34	83	240	ug/m3	3480
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			68	160	240	ug/m3	2430
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			21	78	130	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	34	83	240	ug/m3	3480
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	18	41	120	ug/m3	156
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	16	41	240	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	90	200	1300	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	53	150	240	ug/m3	NS
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	290	660	1300	ug/m3	1080000
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	17	41	130	ug/m3	40.7
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			19	41	130	ug/m3	120
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	21	78	130	ug/m3	520
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	16	78	130	ug/m3	348000
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	14	41	130	ug/m3	55.9
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	36	78	130	ug/m3	20900
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	39	130	240	ug/m3	24300
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	27	78	130	ug/m3	851
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	19	41	130	ug/m3	25.3
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	19	80	130	ug/m3	585
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	20	78	120	ug/m3	24300
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			21	78	130	ug/m3	3480
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	18	41	130	ug/m3	1040000
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	27	78	240	ug/m3	174000
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	17	41	120	ug/m3	69.5
KAFB-106113-350	SV113-350-212	4/13/2021	N	N	U	U	32	75	130	ug/m3	27.5
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y			19	41	130	ug/m3	3480
KAFB-106113-350	SV113-350-212	4/13/2021	N	Y	J	J	18	41	130	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			92	210	640	ug/m3	374
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	110	390	640	ug/m3	34800
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y	J	J	76	210	640	ug/m3	1.56
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	110	390	640	ug/m3	31.2
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	72	210	640	ug/m3	36
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	90	210	1200	ug/m3	104000
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			94	210	650	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			80	210	640	ug/m3	174000
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	82	210	1200	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			130	390	640	ug/m3	24300
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			180	420	1200	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			160	390	640	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	160	390	1200	ug/m3	69.5
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	77	210	640	ug/m3	187
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	86	210	640	ug/m3	34.7
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y	J	J	85	210	640	ug/m3	1390
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			170	420	1200	ug/m3	3480
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	340	800	1200	ug/m3	2430
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			100	390	640	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			170	420	1200	ug/m3	3480
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	91	210	630	ug/m3	156
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	81	210	1200	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	450	1000	6500	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y	J	J	270	770	1200	ug/m3	NS
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	1500	3300	6400	ug/m3	1080000
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	87	210	650	ug/m3	40.7
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			94	210	640	ug/m3	120
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	110	390	640	ug/m3	520
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	81	390	640	ug/m3	348000
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	70	210	650	ug/m3	55.9
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	180	390	640	ug/m3	20900
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	200	660	1200	ug/m3	24300
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	130	390	650	ug/m3	851
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	94	210	640	ug/m3	25.3
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	96	400	660	ug/m3	585
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	99	390	630	ug/m3	24300
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y	J	J	110	390	640	ug/m3	3480
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	93	210	650	ug/m3	1040000
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	130	390	1200	ug/m3	174000
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	88	210	630	ug/m3	69.5
KAFB-106113-450	SV113-450-212	4/13/2021	N	N	U	U	160	380	640	ug/m3	27.5
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			94	210	650	ug/m3	3480
KAFB-106113-450	SV113-450-212	4/13/2021	N	Y			91	210	640	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.33	0.75	2.3	ug/m3	374
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.27	0.75	2.3	ug/m3	1.56
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.26	0.75	2.3	ug/m3	36
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.32	0.75	4.4	ug/m3	104000
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.34	0.75	2.3	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.29	0.75	2.3	ug/m3	174000
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.29	0.75	4.4	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.48	1.4	2.3	ug/m3	24300
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.66	1.5	4.4	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.57	1.4	2.3	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.28	0.75	2.3	ug/m3	187
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.31	0.75	2.3	ug/m3	34.7
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.3	0.75	2.3	ug/m3	1390
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.62	1.5	4.4	ug/m3	3480
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	1.2	2.9	4.4	ug/m3	2430
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.37	1.4	2.3	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.62	1.5	4.4	ug/m3	3480
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.33	0.75	2.2	ug/m3	156
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.29	0.75	4.4	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			1.6	3.7	23	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.97	2.8	4.4	ug/m3	NS
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	5.3	12	23	ug/m3	1080000
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.31	0.75	2.3	ug/m3	40.7
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.34	0.75	2.3	ug/m3	120
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.25	0.75	2.3	ug/m3	55.9
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.7	2.4	4.4	ug/m3	24300
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	25.3
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.34	1.5	2.4	ug/m3	585
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	24300
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	3480
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y	J	J	0.33	0.75	2.3	ug/m3	1040000
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
KAFB-106115-025	SV115-025-212	4/13/2021	N	N	U	U	0.32	0.75	2.2	ug/m3	69.5
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.57	1.4	2.3	ug/m3	27.5
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.34	0.75	2.3	ug/m3	3480
KAFB-106115-025	SV115-025-212	4/13/2021	N	Y			0.33	0.75	2.3	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.35	0.8	2.4	ug/m3	374
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.29	0.8	2.4	ug/m3	1.56
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.28	0.8	2.4	ug/m3	36
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.34	0.8	4.7	ug/m3	104000
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.36	0.8	2.5	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.31	0.8	2.4	ug/m3	174000
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.31	0.8	4.7	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.52	1.5	2.4	ug/m3	24300
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.71	1.6	4.7	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.61	1.5	2.4	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.3	0.8	2.4	ug/m3	187
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.33	0.8	2.4	ug/m3	34.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.32	0.8	2.4	ug/m3	1390
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.66	1.6	4.7	ug/m3	3480
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	1.3	3.1	4.7	ug/m3	2430
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.4	1.5	2.4	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.66	1.6	4.7	ug/m3	3480
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.35	0.8	2.4	ug/m3	156
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.31	0.8	4.7	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			1.7	3.9	25	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	1	3	4.7	ug/m3	NS
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	5.6	13	24	ug/m3	1080000
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.33	0.8	2.5	ug/m3	40.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.36	0.8	2.4	ug/m3	120
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.27	0.8	2.5	ug/m3	55.9
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.71	1.5	2.4	ug/m3	20900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.75	2.5	4.7	ug/m3	24300
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.36	0.8	2.4	ug/m3	25.3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.37	1.6	2.5	ug/m3	585
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.38	1.5	2.4	ug/m3	24300
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.41	1.5	2.4	ug/m3	3480
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y	J	J	0.36	0.8	2.5	ug/m3	1040000
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.52	1.5	4.7	ug/m3	174000
KAFB-106115-025	SV115-025-612	4/13/2021	FD	N	U	U	0.34	0.8	2.4	ug/m3	69.5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.61	1.5	2.4	ug/m3	27.5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.36	0.8	2.5	ug/m3	3480
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Y			0.35	0.8	2.4	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.4	0.91	2.8	ug/m3	374
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.33	0.91	2.8	ug/m3	1.56
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	31.2
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.32	0.91	2.8	ug/m3	36
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.39	0.91	5.4	ug/m3	104000
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.41	0.91	2.8	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.35	0.91	2.8	ug/m3	174000
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.36	0.91	5.4	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.59	1.7	2.8	ug/m3	24300
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.8	1.8	5.4	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.7	1.7	2.8	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.7	1.7	5.4	ug/m3	69.5
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.34	0.91	2.8	ug/m3	187
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	34.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.37	0.91	2.8	ug/m3	1390
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	34.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.37	0.91	2.8	ug/m3	1390
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.75	1.8	5.4	ug/m3	3480
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	1.5	3.5	5.4	ug/m3	2430
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.45	1.7	2.8	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.75	1.8	5.4	ug/m3	3480
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.4	0.91	2.7	ug/m3	156
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.35	0.91	5.4	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	2	4.4	28	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	1.2	3.4	5.4	ug/m3	NS
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	6.4	14	28	ug/m3	1080000
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.38	0.91	2.8	ug/m3	40.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.41	0.91	2.8	ug/m3	120
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	520
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.35	1.7	2.8	ug/m3	348000
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.3	0.91	2.8	ug/m3	55.9
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.8	1.7	2.8	ug/m3	20900
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.86	2.9	5.4	ug/m3	24300
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.59	1.7	2.8	ug/m3	851
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	25.3
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.43	1.7	2.7	ug/m3	24300
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.47	1.7	2.8	ug/m3	3480
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.41	0.91	2.8	ug/m3	1040000
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y	J	J	0.59	1.7	5.4	ug/m3	174000
KAFB-106115-050	SV115-050-212	4/13/2021	N	N	U	U	0.39	0.91	2.7	ug/m3	69.5
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.7	1.7	2.8	ug/m3	27.5
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.41	0.91	2.8	ug/m3	3480
KAFB-106115-050	SV115-050-212	4/13/2021	N	Y			0.4	0.91	2.8	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	374
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.3	0.85	2.6	ug/m3	36
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.37	0.85	5	ug/m3	104000
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.39	0.85	2.7	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.33	0.85	2.6	ug/m3	174000
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.34	0.85	5	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.55	1.6	2.6	ug/m3	24300
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.75	1.7	5	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.65	1.6	2.6	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.32	0.85	2.6	ug/m3	187
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.35	0.85	2.6	ug/m3	1390
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.7	1.7	5	ug/m3	3480
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	1.4	3.3	5	ug/m3	2430
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.43	1.6	2.6	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.7	1.7	5	ug/m3	3480
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.37	0.85	2.6	ug/m3	156
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.33	0.85	5	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	1.1	3.2	5	ug/m3	NS
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	6	14	26	ug/m3	1080000
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.36	0.85	2.7	ug/m3	40.7
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.39	0.85	2.6	ug/m3	120
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.39	0.85	2.6	ug/m3	120
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.29	0.85	2.7	ug/m3	55.9
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.8	2.7	5	ug/m3	24300
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.55	1.6	2.7	ug/m3	851
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.39	0.85	2.6	ug/m3	25.3
KAFB-106115-150	SV115-150-212	4/13/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.38	0.85	2.7	ug/m3	1040000
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.55	1.6	5	ug/m3	174000
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.36	0.85	2.6	ug/m3	69.5
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y	J	J	0.65	1.6	2.6	ug/m3	27.5
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.39	0.85	2.7	ug/m3	3480
KAFB-106115-150	SV115-150-212	4/13/2021	N	Y			0.37	0.85	2.6	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y		DH2	3.8	9	28	ug/m3	40.7
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.4	0.9	2.8	ug/m3	374
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.33	0.9	2.8	ug/m3	1.56
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	31.2
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.31	0.9	2.8	ug/m3	36
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.39	0.9	5.3	ug/m3	104000
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.41	0.9	2.8	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.34	0.9	2.8	ug/m3	174000
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.36	0.9	5.3	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.58	1.7	2.8	ug/m3	24300
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.8	1.8	5.3	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.69	1.7	2.8	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.69	1.7	5.3	ug/m3	69.5
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.33	0.9	2.8	ug/m3	187
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.37	0.9	2.8	ug/m3	34.7
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.37	0.9	2.8	ug/m3	1390
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.74	1.8	5.3	ug/m3	3480
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	1.5	3.4	5.3	ug/m3	2430
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.45	1.7	2.8	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.74	1.8	5.3	ug/m3	3480
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.39	0.9	2.7	ug/m3	156
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.35	0.9	5.3	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	2	4.4	28	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	1.2	3.3	5.3	ug/m3	NS
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	6.4	14	28	ug/m3	1080000
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.41	0.9	2.8	ug/m3	120
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	520
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.35	1.7	2.8	ug/m3	348000
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.3	0.9	2.8	ug/m3	55.9
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.8	1.7	2.8	ug/m3	20900
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.85	2.9	5.3	ug/m3	24300
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.58	1.7	2.8	ug/m3	851
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.41	0.9	2.8	ug/m3	25.3
KAFB-106123-050	SV123-050-212	4/12/2021	N	N	U	U	0.41	1.7	2.9	ug/m3	585
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.43	1.7	2.7	ug/m3	24300
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.46	1.7	2.8	ug/m3	3480
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.4	0.9	2.8	ug/m3	1040000
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.58	1.7	5.3	ug/m3	174000
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.38	0.9	2.7	ug/m3	69.5
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y	J	J	0.58	1.7	5.3	ug/m3	174000
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.38	0.9	2.7	ug/m3	69.5
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.69	1.6	2.8	ug/m3	27.5
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.41	0.9	2.8	ug/m3	3480
KAFB-106123-050	SV123-050-212	4/12/2021	N	Y			0.39	0.9	2.8	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	374
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.37	0.82	2.5	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.31	0.82	2.5	ug/m3	174000
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	1.3	3.1	4.8	ug/m3	2430
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.36	0.82	2.4	ug/m3	156
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	1.8	4	25	ug/m3	NS
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	1.1	3	4.8	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.34	0.82	2.5	ug/m3	40.7
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.37	0.82	2.5	ug/m3	120
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.27	0.82	2.5	ug/m3	55.9
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.77	2.6	4.8	ug/m3	24300
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.37	0.82	2.5	ug/m3	25.3
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.39	1.5	2.4	ug/m3	24300
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	1040000
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106123-150	SV123-150-212	4/12/2021	N	N	U	U	0.35	0.82	2.4	ug/m3	69.5
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.62	1.5	2.5	ug/m3	27.5
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.37	0.82	2.5	ug/m3	3480
KAFB-106123-150	SV123-150-212	4/12/2021	N	Y			0.36	0.82	2.5	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	0.33	0.76	2.3	ug/m3	374
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	1.56
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.26	0.76	2.3	ug/m3	36
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.32	0.76	4.5	ug/m3	104000
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.29	0.76	2.3	ug/m3	174000
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.3	0.76	4.5	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.29	0.76	2.3	ug/m3	174000
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.3	0.76	4.5	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.49	1.4	2.3	ug/m3	24300
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.67	1.5	4.5	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.58	1.4	2.3	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	187
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.31	0.76	2.3	ug/m3	34.7
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	0.31	0.76	2.3	ug/m3	1390
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.62	1.5	4.5	ug/m3	3480
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	1.2	2.9	4.5	ug/m3	2430
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.62	1.5	4.5	ug/m3	3480
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.33	0.76	2.3	ug/m3	156
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.29	0.76	4.5	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	1.6	3.7	24	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.98	2.8	4.5	ug/m3	NS
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	5.3	12	23	ug/m3	1080000
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.32	0.76	2.4	ug/m3	40.7
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.34	0.76	2.3	ug/m3	120
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.25	0.76	2.4	ug/m3	55.9
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.67	1.4	2.3	ug/m3	20900
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.71	2.4	4.5	ug/m3	24300
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.49	1.4	2.4	ug/m3	851
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	0.34	0.76	2.3	ug/m3	25.3
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.36	1.4	2.3	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.34	0.76	2.4	ug/m3	1040000
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.49	1.4	4.5	ug/m3	174000
KAFB-106123-250	SV123-250-212	4/12/2021	N	N	U	U	0.32	0.76	2.3	ug/m3	69.5
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.58	1.4	2.3	ug/m3	27.5
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	3480
KAFB-106123-250	SV123-250-212	4/12/2021	N	Y			0.33	0.76	2.3	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.29	0.66	2	ug/m3	374
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.34	1.2	2	ug/m3	34800
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.24	0.66	2	ug/m3	1.56
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.34	1.2	2	ug/m3	31.2
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.23	0.66	2	ug/m3	36
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.28	0.66	3.9	ug/m3	104000
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.3	0.66	2.1	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.25	0.66	2	ug/m3	174000
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.26	0.66	3.9	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.43	1.2	2	ug/m3	24300
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.59	1.3	3.9	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.51	1.2	2	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.51	1.2	3.9	ug/m3	69.5
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.25	0.66	2	ug/m3	187
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.27	0.66	2	ug/m3	34.7
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.27	0.66	2	ug/m3	1390
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.55	1.3	3.9	ug/m3	3480
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			1.1	2.5	3.9	ug/m3	2430
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.33	1.2	2	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.55	1.3	3.9	ug/m3	3480
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.29	0.66	2	ug/m3	156
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.55	1.3	3.9	ug/m3	3480
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.29	0.66	2	ug/m3	156
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.26	0.66	3.9	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	1.4	3.2	21	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.86	2.5	3.9	ug/m3	NS
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	4.7	11	20	ug/m3	1080000
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.28	0.66	2.1	ug/m3	40.7
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.3	0.66	2	ug/m3	120
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.34	1.2	2	ug/m3	520
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.26	1.2	2	ug/m3	348000
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.22	0.66	2.1	ug/m3	55.9
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.59	1.2	2	ug/m3	20900
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.62	2.1	3.9	ug/m3	24300
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.43	1.2	2.1	ug/m3	851
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.3	0.66	2	ug/m3	25.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	N	U	U	0.3	1.3	2.1	ug/m3	585
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.32	1.2	2	ug/m3	24300
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.34	1.2	2	ug/m3	3480
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.3	0.66	2.1	ug/m3	1040000
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.43	1.2	3.9	ug/m3	174000
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y	J	J	0.28	0.66	2	ug/m3	69.5
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.51	1.2	2	ug/m3	27.5
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.3	0.66	2.1	ug/m3	3480
KAFB-106123-350	SV123-350-212	4/12/2021	N	Y			0.29	0.66	2	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.37	0.83	2.5	ug/m3	374
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.3	0.83	2.5	ug/m3	1.56
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.29	0.83	2.5	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.36	0.83	4.9	ug/m3	104000
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.38	0.83	2.6	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.32	0.83	2.5	ug/m3	174000
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.33	0.83	4.9	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.54	1.6	2.5	ug/m3	24300
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.73	1.7	4.9	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.63	1.6	2.5	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.63	1.6	4.9	ug/m3	69.5
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.31	0.83	2.5	ug/m3	187
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.34	0.83	2.5	ug/m3	34.7
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.34	0.83	2.5	ug/m3	1390
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.68	1.7	4.9	ug/m3	3480
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.41	1.6	2.5	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.68	1.7	4.9	ug/m3	3480
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	156
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.32	0.83	4.9	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	1.1	3.1	4.9	ug/m3	NS
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	5.9	13	25	ug/m3	1080000
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.35	0.83	2.6	ug/m3	40.7
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.38	0.83	2.5	ug/m3	120
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	520
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.32	1.6	2.5	ug/m3	348000
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.28	0.83	2.6	ug/m3	55.9
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.73	1.6	2.5	ug/m3	20900
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.78	2.6	4.9	ug/m3	24300
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	851
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	851
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.38	0.83	2.5	ug/m3	25.3
KAFB-106123-450	SV123-450-212	4/12/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.39	1.6	2.5	ug/m3	24300
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.42	1.6	2.5	ug/m3	3480
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.37	0.83	2.6	ug/m3	1040000
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.54	1.6	4.9	ug/m3	174000
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.35	0.83	2.5	ug/m3	69.5
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	27.5
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.38	0.83	2.6	ug/m3	3480
KAFB-106123-450	SV123-450-212	4/12/2021	N	Y			0.36	0.83	2.5	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.39	0.89	2.7	ug/m3	374
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	34800
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.32	0.89	2.7	ug/m3	1.56
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.31	0.89	2.7	ug/m3	36
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.38	0.89	5.2	ug/m3	104000
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.4	0.89	2.8	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.34	0.89	2.7	ug/m3	174000
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.35	0.89	5.2	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.57	1.7	2.7	ug/m3	24300
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.78	1.8	5.2	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.68	1.7	2.7	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.68	1.7	5.2	ug/m3	69.5
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.33	0.89	2.7	ug/m3	187
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.37	0.89	2.7	ug/m3	34.7
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.36	0.89	2.7	ug/m3	1390
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.73	1.8	5.2	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	1.5	3.4	5.2	ug/m3	2430
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.44	1.7	2.7	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.73	1.8	5.2	ug/m3	3480
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.39	0.89	2.7	ug/m3	156
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.34	0.89	5.2	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	1.9	4.3	28	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	1.1	3.3	5.2	ug/m3	NS
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	6.3	14	27	ug/m3	1080000
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.37	0.89	2.8	ug/m3	40.7
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.4	0.89	2.7	ug/m3	120
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.34	1.7	2.7	ug/m3	348000
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.3	0.89	2.8	ug/m3	55.9
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.78	1.7	2.7	ug/m3	20900
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.84	2.8	5.2	ug/m3	24300
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.57	1.7	2.8	ug/m3	851
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.4	0.89	2.7	ug/m3	25.3
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.41	1.7	2.8	ug/m3	585
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.42	1.7	2.7	ug/m3	24300
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.45	1.7	2.7	ug/m3	3480
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.4	0.89	2.8	ug/m3	1040000
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y	J	J	0.57	1.7	5.2	ug/m3	174000
KAFB-106131-025	SV131-025-212	4/13/2021	N	N	U	U	0.38	0.89	2.7	ug/m3	69.5
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.68	1.6	2.7	ug/m3	27.5
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.4	0.89	2.8	ug/m3	3480
KAFB-106131-025	SV131-025-212	4/13/2021	N	Y			0.39	0.89	2.7	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	374
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	1.56
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.31	0.81	2.5	ug/m3	174000
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.32	0.81	4.8	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.53	1.5	2.5	ug/m3	24300
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.72	1.6	4.8	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.62	1.5	2.5	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			1.3	3.1	4.8	ug/m3	2430
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.41	1.5	2.5	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.32	0.81	4.8	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			1.8	4	25	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			1.1	3	4.8	ug/m3	NS
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			5.7	13	25	ug/m3	1080000
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.72	1.5	2.5	ug/m3	20900
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.76	2.6	4.8	ug/m3	24300
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.39	1.5	2.4	ug/m3	24300
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.53	1.5	4.8	ug/m3	174000
KAFB-106131-055	SV131-055-212	4/13/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.62	1.5	2.5	ug/m3	27.5
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	3480
KAFB-106131-055	SV131-055-212	4/13/2021	N	Y			0.35	0.81	2.5	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	374
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	1.56
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.34	0.78	4.6	ug/m3	104000
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.31	0.78	4.6	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	1390
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	1	2.9	4.6	ug/m3	NS
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.33	0.78	2.4	ug/m3	40.7
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.74	2.5	4.6	ug/m3	24300
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	851
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
KAFB-106131-150	SV131-150-212	4/13/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.51	1.5	4.6	ug/m3	174000
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.33	0.78	2.3	ug/m3	69.5
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.6	1.4	2.4	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	3480
KAFB-106131-150	SV131-150-212	4/13/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y		DH2	4	15	24	ug/m3	3480
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.34	0.79	4.6	ug/m3	104000
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.3	0.79	2.4	ug/m3	174000
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.31	0.79	4.6	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.29	0.79	2.4	ug/m3	187
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.32	0.79	2.4	ug/m3	34.7
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.32	0.79	2.4	ug/m3	1390
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.65	1.6	4.6	ug/m3	3480
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.65	1.6	4.6	ug/m3	3480
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.34	0.79	2.4	ug/m3	156
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.31	0.79	4.6	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	1.7	3.8	25	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	1	2.9	4.6	ug/m3	NS
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	5.6	12	24	ug/m3	1080000
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.33	0.79	2.5	ug/m3	40.7
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.36	0.79	2.4	ug/m3	120
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.26	0.79	2.5	ug/m3	55.9
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.74	2.5	4.6	ug/m3	24300
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106131-245	SV131-245-212	4/13/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.37	1.5	2.4	ug/m3	24300
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.35	0.79	2.5	ug/m3	1040000
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.51	1.5	4.6	ug/m3	174000
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.33	0.79	2.4	ug/m3	69.5
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.6	1.4	2.4	ug/m3	27.5
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	3480
KAFB-106131-245	SV131-245-212	4/13/2021	N	Y			0.34	0.79	2.4	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.9	11	34	ug/m3	374
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5.6	21	34	ug/m3	34800
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4	11	34	ug/m3	1.56
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5.7	21	34	ug/m3	31.2
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	3.8	11	34	ug/m3	36
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.7	11	65	ug/m3	104000
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	5	11	34	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	4.2	11	34	ug/m3	174000
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.4	11	65	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			7.2	21	34	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			9.8	22	65	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			8.5	21	34	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	8.5	21	65	ug/m3	69.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.1	11	34	ug/m3	187
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.6	11	34	ug/m3	34.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	4.5	11	34	ug/m3	1390
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	9.1	22	65	ug/m3	3480
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	18	42	65	ug/m3	2430
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5.5	21	34	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	9.1	22	65	ug/m3	3480
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	4.8	11	33	ug/m3	156
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.3	11	65	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	24	54	340	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	14	41	65	ug/m3	NS
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	78	180	340	ug/m3	1080000
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.6	11	34	ug/m3	40.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5	11	34	ug/m3	120
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5.6	21	34	ug/m3	520
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.3	21	34	ug/m3	348000
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	3.7	11	34	ug/m3	55.9
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	9.8	21	34	ug/m3	20900
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			10	35	65	ug/m3	24300
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	7.2	21	34	ug/m3	851
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5	11	34	ug/m3	25.3
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	5.1	21	35	ug/m3	585
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			5.3	21	33	ug/m3	24300
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			5.7	21	34	ug/m3	3480
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			4.9	11	34	ug/m3	1040000
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y			4.9	11	34	ug/m3	1040000
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	7.2	21	65	ug/m3	174000
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	4.7	11	33	ug/m3	69.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	N	U	U	8.5	20	34	ug/m3	27.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	5	11	34	ug/m3	3480
KAFB-106131-350	SV131-350-212	4/13/2021	N	Y	J	J	4.8	11	34	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	68	150	470	ug/m3	374
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	78	290	470	ug/m3	34800
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	56	150	470	ug/m3	1.56
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	80	290	470	ug/m3	31.2
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	54	150	470	ug/m3	36
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	66	150	910	ug/m3	104000
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	70	150	480	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			59	150	470	ug/m3	174000
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	61	150	910	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			100	290	470	ug/m3	24300
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			140	310	910	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	120	290	470	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	120	290	910	ug/m3	69.5
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	57	150	470	ug/m3	187
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	64	150	470	ug/m3	34.7
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	63	150	470	ug/m3	1390
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	130	310	910	ug/m3	3480
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	250	590	910	ug/m3	2430
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			77	290	470	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	130	310	910	ug/m3	3480
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	67	150	460	ug/m3	156
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	60	150	910	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	340	760	4800	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	200	570	910	ug/m3	NS
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	1100	2500	4700	ug/m3	1080000
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	65	150	480	ug/m3	40.7
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			70	150	470	ug/m3	120
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	78	290	470	ug/m3	520
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	60	290	470	ug/m3	348000
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	52	150	480	ug/m3	55.9
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	140	290	470	ug/m3	20900
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	150	490	910	ug/m3	24300
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	100	290	480	ug/m3	851
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	70	150	470	ug/m3	25.3
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	71	300	490	ug/m3	585
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			74	290	460	ug/m3	24300
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y			79	290	470	ug/m3	3480
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	69	150	480	ug/m3	1040000
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	100	290	910	ug/m3	174000
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	66	150	460	ug/m3	69.5
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	120	280	470	ug/m3	27.5
KAFB-106131-450	SV131-450-212	4/13/2021	N	Y	J	J	70	150	480	ug/m3	3480
KAFB-106131-450	SV131-450-212	4/13/2021	N	N	U	U	67	150	470	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8	18	55	ug/m3	374
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	9.2	34	55	ug/m3	34800
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	6.6	18	55	ug/m3	1.56
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	9.4	34	55	ug/m3	31.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	6.3	18	55	ug/m3	36
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7.8	18	110	ug/m3	104000
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.2	18	56	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7.8	18	110	ug/m3	104000
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.2	18	56	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	6.9	18	55	ug/m3	174000
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7.1	18	110	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	12	34	55	ug/m3	24300
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	16	36	110	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	14	34	55	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	14	34	110	ug/m3	69.5
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	6.7	18	55	ug/m3	187
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7.5	18	55	ug/m3	34.7
KAFB-106132-025	SV132-025-212	4/12/2021	N	Y	J	J	7.3	18	55	ug/m3	1390
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	15	36	110	ug/m3	3480
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	30	69	110	ug/m3	2430
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	9.1	34	55	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	15	36	110	ug/m3	3480
KAFB-106132-025	SV132-025-212	4/12/2021	N	Y	J	J	7.9	18	54	ug/m3	156
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7	18	110	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	39	88	560	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	23	67	110	ug/m3	NS
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	130	290	550	ug/m3	1080000
KAFB-106132-025	SV132-025-212	4/12/2021	N	Y	J	J	7.6	18	56	ug/m3	40.7
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.2	18	55	ug/m3	120
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	9.2	34	55	ug/m3	520
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7	34	55	ug/m3	348000
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	6.1	18	56	ug/m3	55.9
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	16	34	55	ug/m3	20900
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	17	58	110	ug/m3	24300
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	12	34	56	ug/m3	851
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.2	18	55	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.3	35	58	ug/m3	585
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.6	34	54	ug/m3	24300
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	9.3	34	55	ug/m3	3480
KAFB-106132-025	SV132-025-212	4/12/2021	N	Y	J	J	8.1	18	56	ug/m3	1040000
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	12	34	110	ug/m3	174000
KAFB-106132-025	SV132-025-212	4/12/2021	N	Y			7.7	18	54	ug/m3	69.5
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	14	33	55	ug/m3	27.5
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	8.2	18	56	ug/m3	3480
KAFB-106132-025	SV132-025-212	4/12/2021	N	N	U	U	7.9	18	55	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	10	23	69	ug/m3	374
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	11	43	69	ug/m3	34800
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	8.2	23	69	ug/m3	1.56
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	12	43	69	ug/m3	31.2
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	7.8	23	69	ug/m3	36
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	9.7	23	130	ug/m3	104000
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	10	23	70	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	8.6	23	69	ug/m3	174000
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	8.9	23	130	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	15	43	69	ug/m3	24300
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	20	45	130	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	17	43	69	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	17	43	130	ug/m3	69.5
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	8.4	23	69	ug/m3	187
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	9.3	23	69	ug/m3	34.7
KAFB-106132-050	SV132-050-212	4/12/2021	N	Y	J	J	9.2	23	69	ug/m3	1390
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	19	45	130	ug/m3	3480
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	37	86	130	ug/m3	2430
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	11	43	69	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	37	86	130	ug/m3	2430
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	11	43	69	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	19	45	130	ug/m3	3480
KAFB-106132-050	SV132-050-212	4/12/2021	N	Y	J	J	9.8	23	68	ug/m3	156
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	8.8	23	130	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	49	110	700	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	29	84	130	ug/m3	NS
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	160	360	690	ug/m3	1080000
KAFB-106132-050	SV132-050-212	4/12/2021	N	Y	J	J	9.4	23	70	ug/m3	40.7
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	10	23	69	ug/m3	120
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	11	43	69	ug/m3	520
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	8.8	43	69	ug/m3	348000
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	7.6	23	70	ug/m3	55.9
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	20	43	69	ug/m3	20900
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	21	72	130	ug/m3	24300
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	15	43	70	ug/m3	851
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	10	23	69	ug/m3	25.3
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	10	44	72	ug/m3	585
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	11	43	68	ug/m3	24300
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	12	43	69	ug/m3	3480
KAFB-106132-050	SV132-050-212	4/12/2021	N	Y	J	J	10	23	70	ug/m3	1040000
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	15	43	130	ug/m3	174000
KAFB-106132-050	SV132-050-212	4/12/2021	N	Y			9.6	23	68	ug/m3	69.5
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	17	41	69	ug/m3	27.5
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	10	23	70	ug/m3	3480
KAFB-106132-050	SV132-050-212	4/12/2021	N	N	U	U	9.8	23	69	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	24	53	160	ug/m3	374
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	27	100	160	ug/m3	34800
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	19	53	160	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	28	100	160	ug/m3	31.2
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	18	53	160	ug/m3	36
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	23	53	310	ug/m3	104000
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	24	53	170	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	20	53	160	ug/m3	174000
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	21	53	310	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	34	100	160	ug/m3	24300
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	47	110	310	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	41	100	160	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	41	100	310	ug/m3	69.5
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	20	53	160	ug/m3	187
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	22	53	160	ug/m3	34.7
KAFB-106132-175	SV132-175-212	4/12/2021	N	Y	J	J	22	53	160	ug/m3	1390
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	44	110	310	ug/m3	3480
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	88	200	310	ug/m3	2430
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	27	100	160	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	44	110	310	ug/m3	3480
KAFB-106132-175	SV132-175-212	4/12/2021	N	Y	J	J	23	53	160	ug/m3	156
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	21	53	310	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	Y	J	J	120	260	1700	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	69	200	310	ug/m3	NS
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	380	850	1600	ug/m3	1080000
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	22	53	170	ug/m3	40.7
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	24	53	160	ug/m3	120
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	27	100	160	ug/m3	520
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	21	100	160	ug/m3	348000
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	18	53	170	ug/m3	55.9
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	47	100	160	ug/m3	20900
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	50	170	310	ug/m3	24300
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	34	100	170	ug/m3	851
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	24	53	160	ug/m3	25.3
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	24	100	170	ug/m3	585
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	25	100	160	ug/m3	24300
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	27	100	160	ug/m3	3480
KAFB-106132-175	SV132-175-212	4/12/2021	N	Y	J	J	24	53	170	ug/m3	1040000
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	34	100	310	ug/m3	174000
KAFB-106132-175	SV132-175-212	4/12/2021	N	Y			23	53	160	ug/m3	69.5
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	41	97	160	ug/m3	27.5
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	24	53	170	ug/m3	3480
KAFB-106132-175	SV132-175-212	4/12/2021	N	N	U	U	23	53	160	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	100	ug/m3	374
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	17	64	100	ug/m3	34800
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	12	34	100	ug/m3	1.56
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	18	64	100	ug/m3	31.2
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	12	34	100	ug/m3	36
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	200	ug/m3	104000
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	110	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	13	34	100	ug/m3	174000
KAFB-106132-250	SV132-250-212	4/12/2021	N	Y	J	J	13	34	200	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	22	64	100	ug/m3	24300
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	30	68	200	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	26	64	100	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	26	64	200	ug/m3	69.5
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	13	34	100	ug/m3	187
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	14	34	100	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106132-250	SV132-250-212	4/12/2021	N	Y	J	J	14	34	100	ug/m3	1390
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	28	68	200	ug/m3	3480
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	56	130	200	ug/m3	2430
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	17	64	100	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	28	68	200	ug/m3	3480
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	100	ug/m3	156
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	13	34	200	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	Y	J	J	74	170	1100	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	44	130	200	ug/m3	NS
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	240	540	1000	ug/m3	1080000
KAFB-106132-250	SV132-250-212	4/12/2021	N	Y	J	J	14	34	110	ug/m3	40.7
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	100	ug/m3	120
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	17	64	100	ug/m3	520
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	13	64	100	ug/m3	348000
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	11	34	110	ug/m3	55.9
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	30	64	100	ug/m3	20900
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	32	110	200	ug/m3	24300
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	22	64	110	ug/m3	851
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	100	ug/m3	25.3
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	16	66	110	ug/m3	585
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	16	64	100	ug/m3	24300
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	17	64	100	ug/m3	3480
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	110	ug/m3	1040000
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	22	64	200	ug/m3	174000
KAFB-106132-250	SV132-250-212	4/12/2021	N	Y			14	34	100	ug/m3	69.5
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	26	62	100	ug/m3	27.5
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	110	ug/m3	3480
KAFB-106132-250	SV132-250-212	4/12/2021	N	N	U	U	15	34	100	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	374
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.3	0.85	2.6	ug/m3	36
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.37	0.85	5	ug/m3	104000
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.39	0.85	2.7	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.33	0.85	2.6	ug/m3	174000
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.34	0.85	5	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.75	1.7	5	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			0.65	1.6	2.6	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.32	0.85	2.6	ug/m3	187
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.35	0.85	2.6	ug/m3	1390
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	1.4	3.3	5	ug/m3	2430
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.37	0.85	2.6	ug/m3	156
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			1.9	4.2	27	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			1.1	3.2	5	ug/m3	NS
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	6	14	26	ug/m3	1080000
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			0.36	0.85	2.7	ug/m3	40.7
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.39	0.85	2.6	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.29	0.85	2.7	ug/m3	55.9
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			0.8	2.7	5	ug/m3	24300
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.55	1.6	2.7	ug/m3	851
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.39	0.85	2.6	ug/m3	25.3
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y	J	J	0.38	0.85	2.7	ug/m3	1040000
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			0.55	1.6	5	ug/m3	174000
KAFB-106132-350	SV132-350-212	4/12/2021	N	Y			0.36	0.85	2.6	ug/m3	69.5
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.65	1.6	2.6	ug/m3	27.5
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.39	0.85	2.7	ug/m3	3480
KAFB-106132-350	SV132-350-212	4/12/2021	N	N	U	U	0.37	0.85	2.6	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y		D	3.9	9.2	28	ug/m3	69.5
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.41	0.92	2.8	ug/m3	374
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	34800
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	1.56
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.32	0.92	2.8	ug/m3	36
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.4	0.92	5.4	ug/m3	104000
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.42	0.92	2.9	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.35	0.92	2.8	ug/m3	174000
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.36	0.92	5.4	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.6	1.7	2.8	ug/m3	24300
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.81	1.8	5.4	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.6	1.7	2.8	ug/m3	24300
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.81	1.8	5.4	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.6	1.7	2.8	ug/m3	24300
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.81	1.8	5.4	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.71	1.7	2.8	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.71	1.7	5.4	ug/m3	69.5
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	187
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.38	0.92	2.8	ug/m3	34.7
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.37	0.92	2.8	ug/m3	1390
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.76	1.8	5.4	ug/m3	3480
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	1.5	3.5	5.4	ug/m3	2430
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.46	1.7	2.8	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.76	1.8	5.4	ug/m3	3480
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.4	0.92	2.8	ug/m3	156
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.36	0.92	5.4	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			2	4.5	29	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			1.2	3.4	5.4	ug/m3	NS
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			6.5	15	28	ug/m3	1080000
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.39	0.92	2.9	ug/m3	40.7
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.42	0.92	2.8	ug/m3	120
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.47	1.7	2.8	ug/m3	520
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.36	1.7	2.8	ug/m3	348000
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.31	0.92	2.9	ug/m3	55.9
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.81	1.7	2.8	ug/m3	20900
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.87	2.9	5.4	ug/m3	24300
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.6	1.7	2.9	ug/m3	851
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.42	0.92	2.8	ug/m3	25.3
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.42	1.8	2.9	ug/m3	585
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.44	1.7	2.8	ug/m3	24300
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	3480
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.41	0.92	2.9	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y			0.6	1.7	5.4	ug/m3	174000
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.71	1.7	2.8	ug/m3	27.5
KAFB-106132-450	SV132-450-212	4/12/2021	N	N	U	U	0.42	0.92	2.9	ug/m3	3480
KAFB-106132-450	SV132-450-212	4/12/2021	N	Y	J	J	0.4	0.92	2.8	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.41	0.92	2.8	ug/m3	374
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.33	0.92	2.8	ug/m3	1.56
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.32	0.92	2.8	ug/m3	36
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.39	0.92	5.4	ug/m3	104000
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.42	0.92	2.9	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.35	0.92	2.8	ug/m3	174000
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.36	0.92	5.4	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.59	1.7	2.8	ug/m3	24300
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.81	1.8	5.4	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.7	1.7	2.8	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.7	1.7	5.4	ug/m3	69.5
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	187
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.38	0.92	2.8	ug/m3	34.7
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.37	0.92	2.8	ug/m3	1390
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.76	1.8	5.4	ug/m3	3480
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	1.5	3.5	5.4	ug/m3	2430
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.76	1.8	5.4	ug/m3	3480
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.4	0.92	2.8	ug/m3	156
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.36	0.92	5.4	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	2	4.5	29	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	1.2	3.4	5.4	ug/m3	NS
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	6.5	15	28	ug/m3	1080000
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.38	0.92	2.9	ug/m3	40.7
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.42	0.92	2.8	ug/m3	120
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	520
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.36	1.7	2.8	ug/m3	348000
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.31	0.92	2.9	ug/m3	55.9
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.81	1.7	2.8	ug/m3	20900
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.86	2.9	5.4	ug/m3	24300
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.59	1.7	2.9	ug/m3	851
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.42	0.92	2.8	ug/m3	25.3
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.44	1.7	2.8	ug/m3	24300
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.47	1.7	2.8	ug/m3	3480
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y	J	J	0.41	0.92	2.9	ug/m3	1040000
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y			0.59	1.7	5.4	ug/m3	174000
KAFB-106134-025	SV134-025-212	4/12/2021	N	Y			0.39	0.92	2.8	ug/m3	69.5
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.7	1.7	2.8	ug/m3	27.5
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.42	0.92	2.9	ug/m3	3480
KAFB-106134-025	SV134-025-212	4/12/2021	N	N	U	U	0.4	0.92	2.8	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.43	0.97	3	ug/m3	374
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.49	1.8	3	ug/m3	34800
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.35	0.97	3	ug/m3	1.56
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.5	1.8	3	ug/m3	31.2
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.34	0.97	3	ug/m3	36
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.42	0.97	5.7	ug/m3	104000
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.44	0.97	3	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.37	0.97	3	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.38	0.97	5.7	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.63	1.8	3	ug/m3	24300
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.86	1.9	5.7	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.74	1.8	3	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.74	1.8	5.7	ug/m3	69.5
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.36	0.97	3	ug/m3	187
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.4	0.97	3	ug/m3	34.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.39	0.97	3	ug/m3	1390
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.8	1.9	5.7	ug/m3	3480
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	1.6	3.7	5.7	ug/m3	2430
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.48	1.8	3	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.8	1.9	5.7	ug/m3	3480
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.42	0.97	2.9	ug/m3	156
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.38	0.97	5.7	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	2.1	4.7	30	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	1.3	3.6	5.7	ug/m3	NS
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	6.8	15	30	ug/m3	1080000
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.4	0.97	3	ug/m3	40.7
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.44	0.97	3	ug/m3	120
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.49	1.8	3	ug/m3	520
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.38	1.8	3	ug/m3	348000
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.32	0.97	3	ug/m3	55.9
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.86	1.8	3	ug/m3	20900
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.91	3.1	5.7	ug/m3	24300
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.63	1.8	3	ug/m3	851
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.44	0.97	3	ug/m3	25.3
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.44	1.9	3.1	ug/m3	585
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.46	1.8	2.9	ug/m3	24300
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.5	1.8	3	ug/m3	3480
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.43	0.97	3	ug/m3	1040000
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y	J	J	0.63	1.8	5.7	ug/m3	174000
KAFB-106134-050	SV134-050-212	4/12/2021	N	Y			0.41	0.97	2.9	ug/m3	69.5
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.74	1.8	3	ug/m3	27.5
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.44	0.97	3	ug/m3	3480
KAFB-106134-050	SV134-050-212	4/12/2021	N	N	U	U	0.42	0.97	3	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.4	0.9	2.7	ug/m3	374
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	34800
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.33	0.9	2.7	ug/m3	1.56
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.31	0.9	2.7	ug/m3	36
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.39	0.9	5.3	ug/m3	104000
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.41	0.9	2.8	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.34	0.9	2.7	ug/m3	174000
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.35	0.9	5.3	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.58	1.7	2.7	ug/m3	24300
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.79	1.8	5.3	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.69	1.7	2.7	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.69	1.7	5.3	ug/m3	69.5
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.33	0.9	2.7	ug/m3	187
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.37	0.9	2.7	ug/m3	34.7
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.36	0.9	2.7	ug/m3	1390
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.74	1.8	5.3	ug/m3	3480
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	1.5	3.4	5.3	ug/m3	2430
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.74	1.8	5.3	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.39	0.9	2.7	ug/m3	156
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.35	0.9	5.3	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	2	4.4	28	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	1.2	3.3	5.3	ug/m3	NS
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y			6.3	14	27	ug/m3	1080000
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.37	0.9	2.8	ug/m3	40.7
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.41	0.9	2.7	ug/m3	120
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.35	1.7	2.7	ug/m3	348000
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.3	0.9	2.8	ug/m3	55.9
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.79	1.7	2.7	ug/m3	20900
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y			0.84	2.8	5.3	ug/m3	24300
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.58	1.7	2.8	ug/m3	851
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.41	0.9	2.7	ug/m3	25.3
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.41	1.7	2.8	ug/m3	585
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.43	1.7	2.7	ug/m3	24300
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.46	1.7	2.7	ug/m3	3480
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y	J	J	0.4	0.9	2.8	ug/m3	1040000
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y			0.58	1.7	5.3	ug/m3	174000
KAFB-106134-170	SV134-170-212	4/12/2021	N	Y			0.38	0.9	2.7	ug/m3	69.5
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.69	1.6	2.7	ug/m3	27.5
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.41	0.9	2.8	ug/m3	3480
KAFB-106134-170	SV134-170-212	4/12/2021	N	N	U	U	0.39	0.9	2.7	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	374
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.33	0.86	2.6	ug/m3	174000
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.34	0.86	5.1	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.56	1.6	2.6	ug/m3	24300
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.35	0.86	2.6	ug/m3	34.7
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y			0.35	0.86	2.6	ug/m3	1390
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.37	0.86	2.6	ug/m3	156
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.33	0.86	5.1	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	1.1	3.2	5.1	ug/m3	NS
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	6.1	14	26	ug/m3	1080000
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.36	0.86	2.7	ug/m3	40.7
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	120
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.76	1.6	2.6	ug/m3	20900
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.81	2.7	5.1	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	25.3
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.41	1.6	2.6	ug/m3	24300
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	3480
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.38	0.86	2.7	ug/m3	1040000
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.56	1.6	5.1	ug/m3	174000
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.36	0.86	2.6	ug/m3	69.5
KAFB-106134-250	SV134-250-212	4/12/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	3480
KAFB-106134-250	SV134-250-212	4/12/2021	N	Y	J	J	0.37	0.86	2.6	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.39	0.89	2.7	ug/m3	374
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	34800
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.32	0.89	2.7	ug/m3	1.56
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.31	0.89	2.7	ug/m3	36
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.38	0.89	5.2	ug/m3	104000
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.4	0.89	2.8	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.34	0.89	2.7	ug/m3	174000
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y			0.35	0.89	5.2	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.57	1.7	2.7	ug/m3	24300
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.78	1.8	5.2	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.68	1.7	2.7	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.68	1.7	5.2	ug/m3	69.5
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.33	0.89	2.7	ug/m3	187
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.37	0.89	2.7	ug/m3	34.7
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.36	0.89	2.7	ug/m3	1390
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.73	1.8	5.2	ug/m3	3480
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.36	0.89	2.7	ug/m3	1390
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.73	1.8	5.2	ug/m3	3480
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	1.5	3.4	5.2	ug/m3	2430
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.44	1.7	2.7	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.73	1.8	5.2	ug/m3	3480
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.39	0.89	2.7	ug/m3	156
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.34	0.89	5.2	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	1.9	4.3	28	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	1.1	3.3	5.2	ug/m3	NS
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	6.3	14	27	ug/m3	1080000
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.37	0.89	2.8	ug/m3	40.7
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.4	0.89	2.7	ug/m3	120
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.34	1.7	2.7	ug/m3	348000
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.3	0.89	2.8	ug/m3	55.9
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.78	1.7	2.7	ug/m3	20900
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y			0.84	2.8	5.2	ug/m3	24300
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.57	1.7	2.8	ug/m3	851
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.4	0.89	2.7	ug/m3	25.3
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.41	1.7	2.8	ug/m3	585
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.42	1.7	2.7	ug/m3	24300
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.45	1.7	2.7	ug/m3	3480
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y	J	J	0.4	0.89	2.8	ug/m3	1040000
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y			0.57	1.7	5.2	ug/m3	174000
KAFB-106134-350	SV134-350-212	4/12/2021	N	Y			0.38	0.89	2.7	ug/m3	69.5
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.68	1.6	2.7	ug/m3	27.5
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.4	0.89	2.8	ug/m3	3480
KAFB-106134-350	SV134-350-212	4/12/2021	N	N	U	U	0.39	0.89	2.7	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.37	0.83	2.5	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.3	0.83	2.5	ug/m3	1.56
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.29	0.83	2.5	ug/m3	36
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.36	0.83	4.9	ug/m3	104000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.38	0.83	2.6	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.32	0.83	2.5	ug/m3	174000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y			0.33	0.83	4.9	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.54	1.6	2.5	ug/m3	24300
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.74	1.7	4.9	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.64	1.6	2.5	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.31	0.83	2.5	ug/m3	187
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.34	0.83	2.5	ug/m3	34.7
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.34	0.83	2.5	ug/m3	1390
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.69	1.7	4.9	ug/m3	3480
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	1.4	3.2	4.9	ug/m3	2430
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.42	1.6	2.5	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.69	1.7	4.9	ug/m3	3480
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.36	0.83	2.5	ug/m3	156
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.32	0.83	4.9	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y			1.8	4.1	26	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	1.1	3.1	4.9	ug/m3	NS
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	5.9	13	25	ug/m3	1080000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.35	0.83	2.6	ug/m3	40.7
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.38	0.83	2.5	ug/m3	120
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.42	1.6	2.5	ug/m3	520
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.32	1.6	2.5	ug/m3	348000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.42	1.6	2.5	ug/m3	520
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.32	1.6	2.5	ug/m3	348000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.28	0.83	2.6	ug/m3	55.9
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.74	1.6	2.5	ug/m3	20900
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y			0.78	2.6	4.9	ug/m3	24300
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.38	0.83	2.5	ug/m3	25.3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.43	1.6	2.5	ug/m3	3480
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y	J	J	0.37	0.83	2.6	ug/m3	1040000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y			0.54	1.6	4.9	ug/m3	174000
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Y			0.35	0.83	2.5	ug/m3	69.5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.64	1.5	2.5	ug/m3	27.5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.38	0.83	2.6	ug/m3	3480
KAFB-106134-350	SV134-350-612	4/12/2021	FD	N	U	U	0.36	0.83	2.5	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.3	12	37	ug/m3	374
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	6	23	37	ug/m3	34800
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.4	12	37	ug/m3	1.56
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	6.2	23	37	ug/m3	31.2
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.1	12	37	ug/m3	36
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.1	12	70	ug/m3	104000
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	5.4	12	37	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	4.6	12	37	ug/m3	174000
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.7	12	70	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y			7.7	23	37	ug/m3	24300
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y			11	24	70	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	9.1	23	37	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	9.1	23	70	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.4	12	37	ug/m3	187
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.9	12	37	ug/m3	34.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.9	12	37	ug/m3	1390
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	9.8	24	70	ug/m3	3480
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	20	46	70	ug/m3	2430
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	6	23	37	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	9.8	24	70	ug/m3	3480
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.2	12	36	ug/m3	156
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.6	12	70	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	26	58	370	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	15	44	70	ug/m3	NS
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	84	190	370	ug/m3	1080000
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5	12	37	ug/m3	40.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y			5.4	12	37	ug/m3	120
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	6	23	37	ug/m3	520
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4.6	23	37	ug/m3	348000
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	4	12	37	ug/m3	55.9
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	11	23	37	ug/m3	20900
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	11	38	70	ug/m3	24300
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	7.7	23	37	ug/m3	851
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.4	12	37	ug/m3	25.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.5	23	38	ug/m3	585
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.7	23	36	ug/m3	24300
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	6.1	23	37	ug/m3	3480
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.3	12	37	ug/m3	1040000
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	7.7	23	70	ug/m3	174000
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	5.1	12	36	ug/m3	69.5
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	9.1	22	37	ug/m3	27.5
KAFB-106134-450	SV134-450-212	4/12/2021	N	Y	J	J	5.4	12	37	ug/m3	3480
KAFB-106134-450	SV134-450-212	4/12/2021	N	N	U	U	5.2	12	37	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.36	0.82	2.5	ug/m3	374
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.3	0.82	2.5	ug/m3	1.56
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.37	0.82	2.6	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.31	0.82	2.5	ug/m3	174000
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.68	1.6	4.8	ug/m3	3480
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	1.4	3.1	4.8	ug/m3	2430
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.68	1.6	4.8	ug/m3	3480
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	156
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.34	0.82	2.6	ug/m3	40.7
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.37	0.82	2.5	ug/m3	120
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.77	2.6	4.8	ug/m3	24300
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106135-025	SV135-025-212	4/12/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.39	1.5	2.5	ug/m3	24300
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.42	1.5	2.5	ug/m3	3480
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.37	0.82	2.6	ug/m3	1040000
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.35	0.82	2.5	ug/m3	69.5
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	27.5
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.37	0.82	2.6	ug/m3	3480
KAFB-106135-025	SV135-025-212	4/12/2021	N	Y			0.36	0.82	2.5	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.39	0.88	2.7	ug/m3	374
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	34800
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	1.56
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.45	1.6	2.7	ug/m3	31.2
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.3	0.88	2.7	ug/m3	36
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.38	0.88	5.2	ug/m3	104000
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.4	0.88	2.7	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.33	0.88	2.7	ug/m3	174000
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.35	0.88	5.2	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.57	1.6	2.7	ug/m3	24300
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.35	0.88	5.2	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.57	1.6	2.7	ug/m3	24300
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.77	1.8	5.2	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.67	1.6	2.7	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.67	1.6	5.2	ug/m3	69.5
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	187
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.36	0.88	2.7	ug/m3	34.7
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.36	0.88	2.7	ug/m3	1390
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.72	1.8	5.2	ug/m3	3480
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	1.4	3.3	5.2	ug/m3	2430
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.44	1.6	2.7	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.72	1.8	5.2	ug/m3	3480
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.38	0.88	2.6	ug/m3	156
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.34	0.88	5.2	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	1.9	4.3	27	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	1.1	3.2	5.2	ug/m3	NS
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	6.2	14	27	ug/m3	1080000
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.37	0.88	2.7	ug/m3	40.7
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.4	0.88	2.7	ug/m3	120
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.44	1.6	2.7	ug/m3	520
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.34	1.6	2.7	ug/m3	348000
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.29	0.88	2.7	ug/m3	55.9
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.77	1.6	2.7	ug/m3	20900
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.82	2.8	5.2	ug/m3	24300
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.57	1.6	2.7	ug/m3	851
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	25.3
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	24300
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.45	1.6	2.7	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.39	0.88	2.7	ug/m3	1040000
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y	J	J	0.57	1.6	5.2	ug/m3	174000
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.37	0.88	2.6	ug/m3	69.5
KAFB-106135-050	SV135-050-212	4/12/2021	N	N	U	U	0.67	1.6	2.7	ug/m3	27.5
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.4	0.88	2.7	ug/m3	3480
KAFB-106135-050	SV135-050-212	4/12/2021	N	Y			0.38	0.88	2.7	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.37	0.85	2.6	ug/m3	374
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.29	0.85	2.6	ug/m3	36
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.36	0.85	5	ug/m3	104000
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.32	0.85	2.6	ug/m3	174000
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.33	0.85	5	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.75	1.7	5	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.65	1.6	2.6	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	187
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.34	0.85	2.6	ug/m3	1390
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.7	1.7	5	ug/m3	3480
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.7	1.7	5	ug/m3	3480
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.37	0.85	2.5	ug/m3	156
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	1.1	3.1	5	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			6	13	26	ug/m3	1080000
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.35	0.85	2.6	ug/m3	40.7
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	120
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	520
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.28	0.85	2.6	ug/m3	55.9
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.8	2.7	5	ug/m3	24300
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	851
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	25.3
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	3480
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.38	0.85	2.6	ug/m3	1040000
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.55	1.6	5	ug/m3	174000
KAFB-106135-150	SV135-150-212	4/12/2021	N	N	U	U	0.65	1.5	2.6	ug/m3	27.5
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y			0.38	0.85	2.6	ug/m3	3480
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y	J	J	0.37	0.85	2.6	ug/m3	NS
KAFB-106135-150	SV135-150-212	4/12/2021	N	Y		D	3.6	8.5	25	ug/m3	69.5
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y		D	29	67	200	ug/m3	69.5
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	374
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.36	0.84	5	ug/m3	104000
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.32	0.84	2.6	ug/m3	174000
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.33	0.84	5	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	24300
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.74	1.7	5	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.64	1.6	5	ug/m3	69.5
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	34.7
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.34	0.84	2.6	ug/m3	1390
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y			0.69	1.7	5	ug/m3	3480
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.69	1.7	5	ug/m3	3480
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.37	0.84	2.5	ug/m3	156
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.33	0.84	5	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	1.1	3.1	5	ug/m3	NS
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	5.9	13	26	ug/m3	1080000
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.35	0.84	2.6	ug/m3	40.7
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y			0.79	2.7	5	ug/m3	24300
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y			0.79	2.7	5	ug/m3	24300
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	3480
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	1040000
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.54	1.6	5	ug/m3	174000
KAFB-106135-250	SV135-250-212	4/12/2021	N	N	U	U	0.64	1.5	2.6	ug/m3	27.5
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y			0.38	0.84	2.6	ug/m3	3480
KAFB-106135-250	SV135-250-212	4/12/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.46	1	3.2	ug/m3	374
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.53	2	3.2	ug/m3	34800
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.38	1	3.2	ug/m3	1.56
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.54	2	3.2	ug/m3	31.2
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.36	1	3.2	ug/m3	36
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.45	1	6.2	ug/m3	104000
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.47	1	3.3	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.4	1	3.2	ug/m3	174000
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.41	1	6.2	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.68	2	3.2	ug/m3	24300
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.92	2.1	6.2	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.8	2	3.2	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.8	2	6.2	ug/m3	69.5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.39	1	3.2	ug/m3	187
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.43	1	3.2	ug/m3	34.7
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.42	1	3.2	ug/m3	1390
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.86	2.1	6.2	ug/m3	3480
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			1.7	4	6.2	ug/m3	2430

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.52	2	3.2	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.86	2.1	6.2	ug/m3	3480
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.46	1	3.1	ug/m3	156
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.41	1	6.2	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			2.3	5.1	33	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			1.4	3.9	6.2	ug/m3	NS
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	7.4	17	32	ug/m3	1080000
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.44	1	3.3	ug/m3	40.7
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.47	1	3.2	ug/m3	120
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.53	2	3.2	ug/m3	520
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.41	2	3.2	ug/m3	348000
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.35	1	3.3	ug/m3	55.9
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.92	2	3.2	ug/m3	20900
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.98	3.3	6.2	ug/m3	24300
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.68	2	3.3	ug/m3	851
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.47	1	3.2	ug/m3	25.3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.48	2	3.3	ug/m3	585
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.5	2	3.1	ug/m3	24300
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.54	2	3.2	ug/m3	3480
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.47	1	3.3	ug/m3	1040000
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.68	2	6.2	ug/m3	174000
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.44	1	3.1	ug/m3	69.5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	N	U	U	0.8	1.9	3.2	ug/m3	27.5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y			0.47	1	3.3	ug/m3	3480
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Y	J	J	0.46	1	3.2	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.38	0.86	2.6	ug/m3	374
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	34800
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.45	1.6	2.6	ug/m3	31.2
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.33	0.86	2.6	ug/m3	174000
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y			0.34	0.86	5.1	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.56	1.6	2.6	ug/m3	24300
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.36	0.86	2.6	ug/m3	34.7
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.35	0.86	2.6	ug/m3	1390
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	156
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.33	0.86	5.1	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	1.1	3.2	5.1	ug/m3	NS
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	6.1	14	26	ug/m3	1080000
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.36	0.86	2.7	ug/m3	40.7
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	120
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	520
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.76	1.6	2.6	ug/m3	20900
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y			0.81	2.7	5.1	ug/m3	24300
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	25.3
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.4	1.7	2.7	ug/m3	585
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	1040000
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.56	1.6	5.1	ug/m3	174000
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y			0.37	0.86	2.6	ug/m3	69.5
KAFB-106135-350	SV135-350-212	4/12/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	3480
KAFB-106135-350	SV135-350-212	4/12/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	374
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	31.2
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.27	0.78	2.4	ug/m3	36
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.33	0.78	4.6	ug/m3	104000
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.31	0.78	4.6	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.5	1.5	2.4	ug/m3	24300
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.59	1.5	2.4	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	1390
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			1.3	3	4.6	ug/m3	2430
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.39	1.5	2.4	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.34	0.78	2.3	ug/m3	156
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.3	0.78	4.6	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			5.5	12	24	ug/m3	1080000
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	40.7
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.39	1.5	2.4	ug/m3	520
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.3	1.5	2.4	ug/m3	348000
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.26	0.78	2.4	ug/m3	55.9
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.69	1.5	2.4	ug/m3	20900
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.73	2.5	4.6	ug/m3	24300
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.36	1.5	2.5	ug/m3	585
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	3480
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	1040000
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.5	1.5	4.6	ug/m3	174000
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y			0.33	0.78	2.3	ug/m3	69.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106135-450	SV135-450-212	4/12/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	374
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.37	1.4	2.3	ug/m3	34800
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.27	0.74	2.3	ug/m3	1.56
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	31.2
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.26	0.74	2.3	ug/m3	36
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.32	0.74	4.4	ug/m3	104000
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.33	0.74	2.3	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			0.28	0.74	2.3	ug/m3	174000
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.29	0.74	4.4	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.48	1.4	2.3	ug/m3	24300
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.65	1.5	4.4	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.57	1.4	2.3	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.27	0.74	2.3	ug/m3	187
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.3	0.74	2.3	ug/m3	34.7
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.3	0.74	2.3	ug/m3	1390
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			1.2	2.8	4.4	ug/m3	2430
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.37	1.4	2.3	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.32	0.74	2.2	ug/m3	156
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			1.6	3.6	23	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			0.96	2.7	4.4	ug/m3	NS
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			5.2	12	23	ug/m3	1080000
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.31	0.74	2.3	ug/m3	40.7
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	120
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.37	1.4	2.3	ug/m3	520
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.25	0.74	2.3	ug/m3	55.9
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.65	1.4	2.3	ug/m3	20900
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.7	2.3	4.4	ug/m3	24300
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.33	0.74	2.3	ug/m3	25.3
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.34	1.4	2.3	ug/m3	585
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	1040000
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.31	0.74	2.2	ug/m3	69.5
KAFB-106137-025	SV137-025-212	4/12/2021	N	N	U	U	0.57	1.3	2.3	ug/m3	27.5
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	3480
KAFB-106137-025	SV137-025-212	4/12/2021	N	Y	J	J	0.32	0.74	2.3	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	374
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.29	0.82	2.5	ug/m3	36
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.35	0.82	4.9	ug/m3	104000
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.32	0.82	2.5	ug/m3	174000
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.32	0.82	4.9	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.53	1.6	2.5	ug/m3	24300
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.73	1.6	4.9	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.63	1.6	2.5	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.63	1.6	4.9	ug/m3	69.5
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.31	0.82	2.5	ug/m3	187
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.33	0.82	2.5	ug/m3	1390
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.68	1.6	4.9	ug/m3	3480
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.41	1.6	2.5	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.68	1.6	4.9	ug/m3	3480
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	156
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.32	0.82	4.9	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	1.1	3.1	4.9	ug/m3	NS
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.34	0.82	2.6	ug/m3	40.7
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.37	0.82	2.5	ug/m3	120
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	520
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.32	1.6	2.5	ug/m3	348000
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.73	1.6	2.5	ug/m3	20900
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.78	2.6	4.9	ug/m3	24300
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.53	1.6	2.6	ug/m3	851
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.39	1.6	2.5	ug/m3	24300
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y			0.42	1.6	2.5	ug/m3	3480
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.37	0.82	2.6	ug/m3	1040000
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.53	1.6	4.9	ug/m3	174000
KAFB-106137-050	SV137-050-212	4/12/2021	N	Y	J	J	0.35	0.82	2.5	ug/m3	69.5
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	27.5
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	3480
KAFB-106137-050	SV137-050-212	4/12/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	374
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			0.31	0.82	2.5	ug/m3	174000
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.53	1.5	2.5	ug/m3	24300
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.72	1.6	4.8	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.68	1.6	4.8	ug/m3	3480
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			1.4	3.1	4.8	ug/m3	2430
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.68	1.6	4.8	ug/m3	3480
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	156
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			1.8	4	26	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			1.1	3	4.8	ug/m3	NS
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.34	0.82	2.6	ug/m3	40.7
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.37	0.82	2.5	ug/m3	120
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	520
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			0.72	1.5	2.5	ug/m3	20900
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			0.77	2.6	4.8	ug/m3	24300
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.39	1.5	2.5	ug/m3	24300
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.37	0.82	2.6	ug/m3	1040000
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y			0.53	1.5	4.8	ug/m3	174000
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.35	0.82	2.5	ug/m3	69.5
KAFB-106137-150	SV137-150-212	4/12/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	27.5
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.37	0.82	2.6	ug/m3	3480
KAFB-106137-150	SV137-150-212	4/12/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.32	0.72	2.2	ug/m3	374
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.26	0.72	2.2	ug/m3	1.56
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	31.2
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.25	0.72	2.2	ug/m3	36
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.31	0.72	4.3	ug/m3	104000
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.33	0.72	2.3	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.28	0.72	2.2	ug/m3	174000
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.33	0.72	2.3	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.28	0.72	2.2	ug/m3	174000
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.28	0.72	4.3	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.47	1.4	2.2	ug/m3	24300
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.64	1.4	4.3	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.55	1.4	2.2	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.55	1.4	4.3	ug/m3	69.5
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.27	0.72	2.2	ug/m3	187
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.3	0.72	2.2	ug/m3	34.7
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.29	0.72	2.2	ug/m3	1390
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.6	1.4	4.3	ug/m3	3480
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.6	1.4	4.3	ug/m3	3480
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.31	0.72	2.2	ug/m3	156
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.28	0.72	4.3	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	1.6	3.5	23	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.94	2.7	4.3	ug/m3	NS
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			5.1	11	22	ug/m3	1080000
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.3	0.72	2.3	ug/m3	40.7
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.33	0.72	2.2	ug/m3	120
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	520
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.24	0.72	2.3	ug/m3	55.9
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.64	1.4	2.2	ug/m3	20900
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.68	2.3	4.3	ug/m3	24300
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.33	0.72	2.2	ug/m3	25.3
KAFB-106137-250	SV137-250-212	4/12/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.34	1.4	2.2	ug/m3	24300
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.32	0.72	2.3	ug/m3	1040000
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y			0.47	1.4	4.3	ug/m3	174000
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.31	0.72	2.2	ug/m3	69.5
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.55	1.3	2.2	ug/m3	27.5
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.33	0.72	2.3	ug/m3	3480
KAFB-106137-250	SV137-250-212	4/12/2021	N	Y	J	J	0.31	0.72	2.2	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.34	0.79	4.6	ug/m3	104000
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.36	0.79	2.5	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.3	0.79	2.4	ug/m3	174000
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y			0.31	0.79	4.6	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.29	0.79	2.4	ug/m3	187
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.32	0.79	2.4	ug/m3	34.7
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.32	0.79	2.4	ug/m3	1390
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.65	1.6	4.6	ug/m3	3480
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.65	1.6	4.6	ug/m3	3480
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.65	1.6	4.6	ug/m3	3480
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.34	0.79	2.4	ug/m3	156
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.31	0.79	4.6	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	1.7	3.8	25	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y			1	2.9	4.6	ug/m3	NS
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	5.6	12	24	ug/m3	1080000
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.33	0.79	2.5	ug/m3	40.7
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.36	0.79	2.4	ug/m3	120
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	520
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.26	0.79	2.5	ug/m3	55.9
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.74	2.5	4.6	ug/m3	24300
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.37	1.5	2.4	ug/m3	24300
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.35	0.79	2.5	ug/m3	1040000
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.51	1.5	4.6	ug/m3	174000
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.33	0.79	2.4	ug/m3	69.5
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.6	1.4	2.4	ug/m3	27.5
KAFB-106137-350	SV137-350-212	4/12/2021	N	N	U	U	0.36	0.79	2.5	ug/m3	3480
KAFB-106137-350	SV137-350-212	4/12/2021	N	Y	J	J	0.34	0.79	2.4	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			18	40	120	ug/m3	374
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	20	75	120	ug/m3	34800
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			15	40	120	ug/m3	1.56
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	21	75	120	ug/m3	31.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	14	40	120	ug/m3	36
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	17	40	230	ug/m3	104000
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			18	40	120	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			15	40	120	ug/m3	174000
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	16	40	230	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			26	75	120	ug/m3	24300
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			35	80	230	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			30	75	120	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	30	75	230	ug/m3	69.5
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	15	40	120	ug/m3	187
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	16	40	120	ug/m3	34.7
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			16	40	120	ug/m3	1390
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	66	150	230	ug/m3	2430
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			20	75	120	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			33	80	230	ug/m3	3480
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	17	40	120	ug/m3	156
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	15	40	230	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	87	190	1200	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	52	150	230	ug/m3	NS
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	280	630	1200	ug/m3	1080000
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	17	40	120	ug/m3	40.7
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			18	40	120	ug/m3	120
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	20	75	120	ug/m3	520
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	15	75	120	ug/m3	348000
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	13	40	120	ug/m3	55.9
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	35	75	120	ug/m3	20900
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	38	130	230	ug/m3	24300
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	26	75	120	ug/m3	851
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	18	40	120	ug/m3	25.3
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	18	77	130	ug/m3	585
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	19	75	120	ug/m3	24300
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	20	75	120	ug/m3	3480
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			18	40	120	ug/m3	1040000
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	26	75	230	ug/m3	174000
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y	J	J	17	40	120	ug/m3	69.5
KAFB-106137-450	SV137-450-212	4/12/2021	N	N	U	U	30	73	120	ug/m3	27.5
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			18	40	120	ug/m3	3480
KAFB-106137-450	SV137-450-212	4/12/2021	N	Y			17	40	120	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.41	0.92	2.8	ug/m3	374
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	34800
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	1.56
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.32	0.92	2.8	ug/m3	36
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.4	0.92	5.4	ug/m3	104000
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.42	0.92	2.9	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.35	0.92	2.8	ug/m3	174000
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.36	0.92	5.4	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.6	1.7	2.8	ug/m3	24300
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.81	1.8	5.4	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.71	1.7	2.8	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.71	1.7	5.4	ug/m3	69.5
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.34	0.92	2.8	ug/m3	187
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.38	0.92	2.8	ug/m3	34.7
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y			0.37	0.92	2.8	ug/m3	1390
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y			0.76	1.8	5.4	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	1.5	3.5	5.4	ug/m3	2430
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.76	1.8	5.4	ug/m3	3480
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y			0.4	0.92	2.8	ug/m3	156
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.36	0.92	5.4	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	2	4.5	29	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	1.2	3.4	5.4	ug/m3	NS
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	6.5	15	28	ug/m3	1080000
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.39	0.92	2.9	ug/m3	40.7
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.42	0.92	2.8	ug/m3	120
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	520
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.36	1.7	2.8	ug/m3	348000
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.31	0.92	2.9	ug/m3	55.9
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.81	1.7	2.8	ug/m3	20900
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.87	2.9	5.4	ug/m3	24300
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.6	1.7	2.9	ug/m3	851
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.42	0.92	2.8	ug/m3	25.3
KAFB-106139-025	SV139-025-212	4/12/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.44	1.7	2.8	ug/m3	24300
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.47	1.7	2.8	ug/m3	3480
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y			0.41	0.92	2.9	ug/m3	1040000
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.6	1.7	5.4	ug/m3	174000
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.39	0.92	2.8	ug/m3	69.5
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.71	1.7	2.8	ug/m3	27.5
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.42	0.92	2.9	ug/m3	3480
KAFB-106139-025	SV139-025-212	4/12/2021	N	Y	J	J	0.4	0.92	2.8	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.42	0.95	2.9	ug/m3	374
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	34800
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	1.56
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	31.2
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.33	0.95	2.9	ug/m3	36
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.41	0.95	5.6	ug/m3	104000
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.43	0.95	3	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.36	0.95	2.9	ug/m3	174000
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.38	0.95	5.6	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.62	1.8	2.9	ug/m3	24300
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.84	1.9	5.6	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.73	1.8	2.9	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.73	1.8	5.6	ug/m3	69.5
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.35	0.95	2.9	ug/m3	187
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.39	0.95	2.9	ug/m3	34.7
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.39	0.95	2.9	ug/m3	1390
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.78	1.9	5.6	ug/m3	3480
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			1.6	3.6	5.6	ug/m3	2430
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.48	1.8	2.9	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.78	1.9	5.6	ug/m3	3480
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.41	0.95	2.9	ug/m3	156
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.37	0.95	5.6	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			2.1	4.6	30	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	1.2	3.5	5.6	ug/m3	NS
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	6.7	15	29	ug/m3	1080000
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.4	0.95	3	ug/m3	40.7
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.43	0.95	2.9	ug/m3	120
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	520
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.37	1.8	2.9	ug/m3	348000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.32	0.95	3	ug/m3	55.9
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.84	1.8	2.9	ug/m3	20900
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.9	3	5.6	ug/m3	24300
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.62	1.8	3	ug/m3	851
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.43	0.95	2.9	ug/m3	25.3
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.44	1.8	3	ug/m3	585
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.45	1.8	2.9	ug/m3	24300
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.49	1.8	2.9	ug/m3	3480
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y			0.43	0.95	3	ug/m3	1040000
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.62	1.8	5.6	ug/m3	174000
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.4	0.95	2.9	ug/m3	69.5
KAFB-106139-050	SV139-050-212	4/12/2021	N	N	U	U	0.73	1.7	2.9	ug/m3	27.5
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.43	0.95	3	ug/m3	3480
KAFB-106139-050	SV139-050-212	4/12/2021	N	Y	J	J	0.41	0.95	2.9	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.34	0.76	2.3	ug/m3	374
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.28	0.76	2.3	ug/m3	1.56
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.26	0.76	2.3	ug/m3	36
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.33	0.76	4.5	ug/m3	104000
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.34	0.76	2.4	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.29	0.76	2.3	ug/m3	174000
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.3	0.76	4.5	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.49	1.4	2.3	ug/m3	24300
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.67	1.5	4.5	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.58	1.4	2.3	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.28	0.76	2.3	ug/m3	187
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.28	0.76	2.3	ug/m3	187
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.31	0.76	2.3	ug/m3	34.7
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.31	0.76	2.3	ug/m3	1390
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	1.3	2.9	4.5	ug/m3	2430
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.38	1.4	2.3	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.63	1.5	4.5	ug/m3	3480
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.33	0.76	2.3	ug/m3	156
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.3	0.76	4.5	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	1.7	3.7	24	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.98	2.8	4.5	ug/m3	NS
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	5.4	12	23	ug/m3	1080000
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.32	0.76	2.4	ug/m3	40.7
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.34	0.76	2.3	ug/m3	120
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.3	1.4	2.3	ug/m3	348000
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.26	0.76	2.4	ug/m3	55.9
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.67	1.4	2.3	ug/m3	20900
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.72	2.4	4.5	ug/m3	24300
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.49	1.4	2.4	ug/m3	851
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.34	0.76	2.3	ug/m3	25.3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.36	1.4	2.3	ug/m3	24300
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y			0.34	0.76	2.4	ug/m3	1040000
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.49	1.4	4.5	ug/m3	174000
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.32	0.76	2.3	ug/m3	69.5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	N	U	U	0.58	1.4	2.3	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.34	0.76	2.4	ug/m3	3480
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Y	J	J	0.33	0.76	2.3	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.1	7	21	ug/m3	374
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.5	13	21	ug/m3	34800
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.5	7	21	ug/m3	1.56
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.6	13	21	ug/m3	31.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.4	7	21	ug/m3	36
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3	7	41	ug/m3	104000
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.2	7	22	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.7	7	21	ug/m3	174000
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y	J	J	2.7	7	41	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			4.5	13	21	ug/m3	24300
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			6.2	14	41	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			5.3	13	21	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	5.3	13	41	ug/m3	69.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.6	7	21	ug/m3	187
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.9	7	21	ug/m3	34.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.8	7	21	ug/m3	1390
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	5.7	14	41	ug/m3	3480
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	11	27	41	ug/m3	2430
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			3.5	13	21	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	5.7	14	41	ug/m3	3480
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			3	7	21	ug/m3	156
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.7	7	41	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	15	34	220	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	9	26	41	ug/m3	NS
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	49	110	210	ug/m3	1080000
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			2.9	7	22	ug/m3	40.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y	J	J	3.2	7	21	ug/m3	120
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.5	13	21	ug/m3	520
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.7	13	21	ug/m3	348000
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	2.3	7	22	ug/m3	55.9
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	6.2	13	21	ug/m3	20900
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	6.6	22	41	ug/m3	24300
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	4.5	13	22	ug/m3	851
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.2	7	21	ug/m3	25.3
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.2	14	22	ug/m3	585
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			3.3	13	21	ug/m3	24300
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y	J	J	3.6	13	21	ug/m3	3480
KAFB-106139-150	SV139-150-212	4/12/2021	N	Y			3.1	7	22	ug/m3	1040000
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	4.5	13	41	ug/m3	174000
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3	7	21	ug/m3	69.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	5.3	13	21	ug/m3	27.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3.2	7	22	ug/m3	3480
KAFB-106139-150	SV139-150-212	4/12/2021	N	N	U	U	3	7	21	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	374
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.27	0.74	2.3	ug/m3	1.56
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.26	0.74	2.3	ug/m3	36
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.32	0.74	4.4	ug/m3	104000
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.34	0.74	2.3	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.28	0.74	2.3	ug/m3	174000
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.48	1.4	2.3	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.66	1.5	4.4	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.57	1.4	2.3	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.57	1.4	4.4	ug/m3	69.5
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.28	0.74	2.3	ug/m3	187
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.31	0.74	2.3	ug/m3	34.7
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.3	0.74	2.3	ug/m3	1390
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	1.2	2.8	4.4	ug/m3	2430
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.37	1.4	2.3	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.32	0.74	2.2	ug/m3	156
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.29	0.74	4.4	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	1.6	3.6	23	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.96	2.8	4.4	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	5.3	12	23	ug/m3	1080000
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.34	0.74	2.3	ug/m3	120
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.25	0.74	2.3	ug/m3	55.9
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.7	2.4	4.4	ug/m3	24300
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.34	0.74	2.3	ug/m3	25.3
KAFB-106139-350	SV139-350-212	4/12/2021	N	N	U	U	0.34	1.4	2.4	ug/m3	585
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.35	1.4	2.2	ug/m3	24300
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.48	1.4	4.4	ug/m3	174000
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y			0.32	0.74	2.2	ug/m3	69.5
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.57	1.4	2.3	ug/m3	27.5
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	3480
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y	J	J	0.32	0.74	2.3	ug/m3	NS
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y		D	3.1	7.4	23	ug/m3	40.7
KAFB-106139-350	SV139-350-212	4/12/2021	N	Y		D	3.3	7.4	23	ug/m3	1040000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.44	0.99	3	ug/m3	374
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.5	1.9	3	ug/m3	34800
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.36	0.99	3	ug/m3	1.56
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.51	1.9	3	ug/m3	31.2
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.34	0.99	3	ug/m3	36
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.43	0.99	5.8	ug/m3	104000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.45	0.99	3.1	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.38	0.99	3	ug/m3	174000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.39	0.99	5.8	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.64	1.9	3	ug/m3	24300
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.87	2	5.8	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.76	1.9	3	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.76	1.9	5.8	ug/m3	69.5
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.37	0.99	3	ug/m3	187
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.41	0.99	3	ug/m3	34.7
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.4	0.99	3	ug/m3	1390
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.82	2	5.8	ug/m3	3480
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	1.6	3.8	5.8	ug/m3	2430
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.5	1.9	3	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.82	2	5.8	ug/m3	3480
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.43	0.99	3	ug/m3	156
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.38	0.99	5.8	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	2.2	4.8	31	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	1.3	3.7	5.8	ug/m3	NS
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			7	16	30	ug/m3	1080000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.41	0.99	3.1	ug/m3	40.7
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.45	0.99	3	ug/m3	120
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.5	1.9	3	ug/m3	520
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.38	1.9	3	ug/m3	348000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.33	0.99	3.1	ug/m3	55.9
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.87	1.9	3	ug/m3	20900
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.93	3.1	5.8	ug/m3	24300
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.64	1.9	3.1	ug/m3	851
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.45	0.99	3	ug/m3	25.3
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.45	1.9	3.1	ug/m3	585
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.47	1.9	3	ug/m3	24300
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.51	1.9	3	ug/m3	3480
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.44	0.99	3.1	ug/m3	1040000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.64	1.9	5.8	ug/m3	174000
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y			0.42	0.99	3	ug/m3	69.5
KAFB-106139-450	SV139-450-212	4/12/2021	N	N	U	U	0.76	1.8	3	ug/m3	27.5
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.45	0.99	3.1	ug/m3	3480
KAFB-106139-450	SV139-450-212	4/12/2021	N	Y	J	J	0.43	0.99	3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.32	0.73	2.2	ug/m3	374
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	1.56
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.25	0.73	2.2	ug/m3	36
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.31	0.73	4.3	ug/m3	104000
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.33	0.73	2.3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.31	0.73	4.3	ug/m3	104000
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.33	0.73	2.3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.28	0.73	2.2	ug/m3	174000
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.29	0.73	4.3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.47	1.4	2.2	ug/m3	24300
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.64	1.5	4.3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.56	1.4	2.2	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	187
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.3	0.73	2.2	ug/m3	34.7
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.29	0.73	2.2	ug/m3	1390
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.32	0.73	2.2	ug/m3	156
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.28	0.73	4.3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	1.6	3.5	23	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.94	2.7	4.3	ug/m3	NS
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	5.1	12	22	ug/m3	1080000
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.3	0.73	2.3	ug/m3	40.7
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.33	0.73	2.2	ug/m3	120
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	520
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.24	0.73	2.3	ug/m3	55.9
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.64	1.4	2.2	ug/m3	20900
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.68	2.3	4.3	ug/m3	24300
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.33	0.73	2.2	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	3480
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.32	0.73	2.3	ug/m3	1040000
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y	J	J	0.47	1.4	4.3	ug/m3	174000
KAFB-106140-025	SV140-025-212	4/12/2021	N	N	U	U	0.31	0.73	2.2	ug/m3	69.5
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.56	1.3	2.2	ug/m3	27.5
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.33	0.73	2.3	ug/m3	3480
KAFB-106140-025	SV140-025-212	4/12/2021	N	Y			0.32	0.73	2.2	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.43	0.98	3	ug/m3	374
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.49	1.8	3	ug/m3	34800
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.36	0.98	3	ug/m3	1.56
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.51	1.8	3	ug/m3	31.2
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.34	0.98	3	ug/m3	36
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.42	0.98	5.8	ug/m3	104000
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.44	0.98	3	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.37	0.98	3	ug/m3	174000
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.39	0.98	5.8	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.63	1.8	3	ug/m3	24300
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.86	2	5.8	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.75	1.8	3	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.75	1.8	5.8	ug/m3	69.5
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.36	0.98	3	ug/m3	187
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.4	0.98	3	ug/m3	34.7
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.4	0.98	3	ug/m3	1390
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.81	2	5.8	ug/m3	3480
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	1.6	3.7	5.8	ug/m3	2430
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.49	1.8	3	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.49	1.8	3	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.81	2	5.8	ug/m3	3480
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.43	0.98	2.9	ug/m3	156
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.38	0.98	5.8	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			2.1	4.8	30	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	1.3	3.6	5.8	ug/m3	NS
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			6.9	16	30	ug/m3	1080000
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.41	0.98	3	ug/m3	40.7
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.44	0.98	3	ug/m3	120
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.49	1.8	3	ug/m3	520
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.38	1.8	3	ug/m3	348000
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.33	0.98	3	ug/m3	55.9
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.86	1.8	3	ug/m3	20900
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.92	3.1	5.8	ug/m3	24300
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.63	1.8	3	ug/m3	851
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.44	0.98	3	ug/m3	25.3
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.45	1.9	3.1	ug/m3	585
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.47	1.8	2.9	ug/m3	24300
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.5	1.8	3	ug/m3	3480
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.44	0.98	3	ug/m3	1040000
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.63	1.8	5.8	ug/m3	174000
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.41	0.98	2.9	ug/m3	69.5
KAFB-106140-050	SV140-050-212	4/12/2021	N	N	U	U	0.75	1.8	3	ug/m3	27.5
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y	J	J	0.44	0.98	3	ug/m3	3480
KAFB-106140-050	SV140-050-212	4/12/2021	N	Y			0.43	0.98	3	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	374
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.35	0.82	4.8	ug/m3	104000
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.37	0.82	2.6	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.31	0.82	2.5	ug/m3	174000
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.32	0.82	4.8	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.68	1.6	4.8	ug/m3	3480
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	1.4	3.1	4.8	ug/m3	2430
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.68	1.6	4.8	ug/m3	3480
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.36	0.82	2.5	ug/m3	156
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	1.1	3	4.8	ug/m3	NS
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.34	0.82	2.6	ug/m3	40.7
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	120
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.77	2.6	4.8	ug/m3	24300
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.39	1.5	2.5	ug/m3	24300
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	1040000
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106140-150	SV140-150-212	4/12/2021	N	N	U	U	0.35	0.82	2.5	ug/m3	69.5
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.63	1.5	2.5	ug/m3	27.5
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.37	0.82	2.6	ug/m3	3480
KAFB-106140-150	SV140-150-212	4/12/2021	N	Y			0.36	0.82	2.5	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.41	0.93	2.8	ug/m3	374
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	34800
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.34	0.93	2.8	ug/m3	1.56
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.48	1.7	2.8	ug/m3	31.2
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.32	0.93	2.8	ug/m3	36
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.4	0.93	5.5	ug/m3	104000
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.42	0.93	2.9	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.35	0.93	2.8	ug/m3	174000
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.37	0.93	5.5	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.6	1.7	2.8	ug/m3	24300
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.82	1.9	5.5	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.71	1.7	2.8	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.71	1.7	5.5	ug/m3	69.5
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.34	0.93	2.8	ug/m3	187
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.38	0.93	2.8	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.38	0.93	2.8	ug/m3	1390
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.76	1.9	5.5	ug/m3	3480
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	1.5	3.5	5.5	ug/m3	2430
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.46	1.7	2.8	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.76	1.9	5.5	ug/m3	3480
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.4	0.93	2.8	ug/m3	156
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.36	0.93	5.5	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	2	4.5	29	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	1.2	3.4	5.5	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	6.5	15	28	ug/m3	1080000
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.39	0.93	2.9	ug/m3	40.7
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.42	0.93	2.8	ug/m3	120
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.47	1.7	2.8	ug/m3	520
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.36	1.7	2.8	ug/m3	348000
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.31	0.93	2.9	ug/m3	55.9
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.82	1.7	2.8	ug/m3	20900
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.87	2.9	5.5	ug/m3	24300
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.6	1.7	2.9	ug/m3	851
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.42	0.93	2.8	ug/m3	25.3
KAFB-106140-250	SV140-250-212	4/12/2021	N	N	U	U	0.43	1.8	2.9	ug/m3	585
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.44	1.7	2.8	ug/m3	24300
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.47	1.7	2.8	ug/m3	3480
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.41	0.93	2.9	ug/m3	1040000
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.6	1.7	5.5	ug/m3	174000
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y	J	J	0.39	0.93	2.8	ug/m3	69.5
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.71	1.7	2.8	ug/m3	27.5
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.42	0.93	2.9	ug/m3	3480
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.4	0.93	2.8	ug/m3	NS
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.42	0.93	2.9	ug/m3	3480
KAFB-106140-250	SV140-250-212	4/12/2021	N	Y			0.4	0.93	2.8	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.34	0.77	2.4	ug/m3	374
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.28	0.77	2.4	ug/m3	1.56
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.27	0.77	2.4	ug/m3	36
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.33	0.77	4.6	ug/m3	104000
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.35	0.77	2.4	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.3	0.77	2.4	ug/m3	174000
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.3	0.77	4.6	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.5	1.5	2.4	ug/m3	24300
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.68	1.5	4.6	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.59	1.5	2.4	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.29	0.77	2.4	ug/m3	187
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	34.7
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.31	0.77	2.4	ug/m3	1390
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.64	1.5	4.6	ug/m3	3480
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.64	1.5	4.6	ug/m3	3480
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.34	0.77	2.3	ug/m3	156
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.3	0.77	4.6	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			5.5	12	24	ug/m3	1080000
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.32	0.77	2.4	ug/m3	40.7
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.35	0.77	2.4	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	520
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.68	1.5	2.4	ug/m3	20900
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.73	2.5	4.6	ug/m3	24300
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.35	0.77	2.4	ug/m3	25.3
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.35	1.5	2.5	ug/m3	585
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	1040000
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.5	1.5	4.6	ug/m3	174000
KAFB-106140-350	SV140-350-212	4/12/2021	N	N	U	U	0.33	0.77	2.3	ug/m3	69.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.59	1.4	2.4	ug/m3	27.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.35	0.77	2.4	ug/m3	3480
KAFB-106140-350	SV140-350-212	4/12/2021	N	Y			0.34	0.77	2.4	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.78	1.8	5.4	ug/m3	374
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.89	3.3	5.4	ug/m3	34800
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.64	1.8	5.4	ug/m3	1.56
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.92	3.3	5.4	ug/m3	31.2
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.61	1.8	5.4	ug/m3	36
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.76	1.8	10	ug/m3	104000
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.8	1.8	5.5	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			0.68	1.8	5.4	ug/m3	174000
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			0.7	1.8	10	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	1.1	3.3	5.4	ug/m3	24300
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			1.6	3.5	10	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	1.4	3.3	5.4	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			1.4	3.3	10	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	1.4	3.3	10	ug/m3	69.5
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.66	1.8	5.4	ug/m3	187
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.73	1.8	5.4	ug/m3	34.7
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.72	1.8	5.4	ug/m3	1390
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			1.5	3.5	10	ug/m3	3480
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	2.9	6.8	10	ug/m3	2430
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.88	3.3	5.4	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	1.5	3.5	10	ug/m3	3480
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.77	1.8	5.3	ug/m3	156
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.69	1.8	10	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	3.8	8.6	55	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	2.3	6.6	10	ug/m3	NS
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			12	28	54	ug/m3	1080000
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.74	1.8	5.5	ug/m3	40.7
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			0.8	1.8	5.4	ug/m3	120
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			0.89	3.3	5.4	ug/m3	520
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.69	3.3	5.4	ug/m3	348000
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.59	1.8	5.5	ug/m3	55.9
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	1.6	3.3	5.4	ug/m3	20900
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			1.7	5.6	10	ug/m3	24300
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	1.1	3.3	5.5	ug/m3	851
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.8	1.8	5.4	ug/m3	25.3
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.81	3.4	5.6	ug/m3	585
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.84	3.3	5.3	ug/m3	24300
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			0.9	3.3	5.4	ug/m3	3480
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.79	1.8	5.5	ug/m3	1040000
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			1.1	3.3	10	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	0.75	1.8	5.3	ug/m3	69.5
KAFB-106140-450	SV140-450-212	4/12/2021	N	N	U	U	1.4	3.2	5.4	ug/m3	27.5
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y	J	J	0.8	1.8	5.5	ug/m3	3480
KAFB-106140-450	SV140-450-212	4/12/2021	N	Y			0.77	1.8	5.4	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.83	1.9	5.7	ug/m3	374
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.95	3.5	5.7	ug/m3	34800
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.68	1.9	5.7	ug/m3	1.56
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.97	3.5	5.7	ug/m3	31.2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.65	1.9	5.7	ug/m3	36
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.8	1.9	11	ug/m3	104000
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.85	1.9	5.8	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.72	1.9	5.7	ug/m3	174000
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.74	1.9	11	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	1.2	3.5	5.7	ug/m3	24300
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			1.7	3.7	11	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	1.4	3.5	5.7	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	1.4	3.5	11	ug/m3	69.5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.69	1.9	5.7	ug/m3	187
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.77	1.9	5.7	ug/m3	34.7
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.76	1.9	5.7	ug/m3	1390
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			1.5	3.7	11	ug/m3	3480
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	3.1	7.2	11	ug/m3	2430
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.94	3.5	5.7	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			1.5	3.7	11	ug/m3	3480
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.81	1.9	5.6	ug/m3	156
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.73	1.9	11	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	4.1	9.1	58	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	2.4	6.9	11	ug/m3	NS
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			13	30	57	ug/m3	1080000
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.78	1.9	5.8	ug/m3	40.7
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.85	1.9	5.7	ug/m3	120
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.95	3.5	5.7	ug/m3	520
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.73	3.5	5.7	ug/m3	348000
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.63	1.9	5.8	ug/m3	55.9
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	1.7	3.5	5.7	ug/m3	20900
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			1.8	5.9	11	ug/m3	24300
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	1.2	3.5	5.8	ug/m3	851
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.85	1.9	5.7	ug/m3	25.3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.86	3.6	5.9	ug/m3	585
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.89	3.5	5.6	ug/m3	24300
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.96	3.5	5.7	ug/m3	3480
KAFB-106140-450	SV140-450-612	4/12/2021	FD	N	U	U	0.84	1.9	5.8	ug/m3	1040000
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			1.2	3.5	11	ug/m3	174000
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	0.79	1.9	5.6	ug/m3	69.5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y	J	J	1.4	3.4	5.7	ug/m3	27.5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.85	1.9	5.8	ug/m3	3480
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Y			0.81	1.9	5.7	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.35	0.8	2.5	ug/m3	374
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.29	0.8	2.5	ug/m3	1.56
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.28	0.8	2.5	ug/m3	36
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.34	0.8	4.7	ug/m3	104000
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.36	0.8	2.5	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	Y	J	J	0.31	0.8	2.5	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.32	0.8	4.7	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	Y	J	J	0.52	1.5	2.5	ug/m3	24300
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.71	1.6	4.7	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.61	1.5	2.5	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.61	1.5	4.7	ug/m3	69.5
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.3	0.8	2.5	ug/m3	187
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.33	0.8	2.5	ug/m3	34.7
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.33	0.8	2.5	ug/m3	1390
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.66	1.6	4.7	ug/m3	3480
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	1.3	3.1	4.7	ug/m3	2430
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.4	1.5	2.5	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.66	1.6	4.7	ug/m3	3480
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.35	0.8	2.4	ug/m3	156
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.31	0.8	4.7	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			1.7	3.9	25	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			1	3	4.7	ug/m3	NS
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	5.7	13	25	ug/m3	1080000
SVMW-14-150	SV14-150-212	4/13/2021	N	Y	J	J	0.34	0.8	2.5	ug/m3	40.7
SVMW-14-150	SV14-150-212	4/13/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	120
SVMW-14-150	SV14-150-212	4/13/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	520
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.31	1.5	2.5	ug/m3	348000
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.27	0.8	2.5	ug/m3	55.9
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.71	1.5	2.5	ug/m3	20900
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.76	2.6	4.7	ug/m3	24300
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.36	0.8	2.5	ug/m3	25.3
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.36	0.8	2.5	ug/m3	1040000
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.52	1.5	4.7	ug/m3	174000
SVMW-14-150	SV14-150-212	4/13/2021	N	Y			0.34	0.8	2.4	ug/m3	69.5
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.61	1.5	2.5	ug/m3	27.5
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.36	0.8	2.5	ug/m3	3480
SVMW-14-150	SV14-150-212	4/13/2021	N	N	U	U	0.35	0.8	2.5	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.38	0.86	2.6	ug/m3	374
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.33	0.86	2.6	ug/m3	174000
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.34	0.86	5.1	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.56	1.6	2.6	ug/m3	24300
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.76	1.7	5.1	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.35	0.86	2.6	ug/m3	34.7
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.35	0.86	2.6	ug/m3	1390
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.37	0.86	2.6	ug/m3	156
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.33	0.86	5.1	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	6.1	14	26	ug/m3	1080000
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.36	0.86	2.7	ug/m3	40.7
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	120
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	520
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.76	1.6	2.6	ug/m3	20900
SVMW-14-250	SV14-250-212	4/13/2021	N	Y	J	J	0.81	2.7	5.1	ug/m3	24300
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	25.3
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.44	1.6	2.6	ug/m3	3480
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.38	0.86	2.7	ug/m3	1040000
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.56	1.6	5.1	ug/m3	174000
SVMW-14-250	SV14-250-212	4/13/2021	N	Y			0.36	0.86	2.6	ug/m3	69.5
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	3480
SVMW-14-250	SV14-250-212	4/13/2021	N	N	U	U	0.37	0.86	2.6	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	374
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.33	0.86	2.6	ug/m3	174000
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.34	0.86	5.1	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.56	1.6	2.6	ug/m3	24300
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.76	1.7	5.1	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.35	0.86	2.6	ug/m3	34.7
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.35	0.86	2.6	ug/m3	1390
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			1.4	3.3	5.1	ug/m3	2430
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.37	0.86	2.6	ug/m3	156
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.33	0.86	5.1	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			1.9	4.2	27	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			6.1	14	26	ug/m3	1080000
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.36	0.86	2.7	ug/m3	40.7
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.39	0.86	2.6	ug/m3	120
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	520
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.29	0.86	2.7	ug/m3	55.9
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.76	1.6	2.6	ug/m3	20900
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.81	2.7	5.1	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	25.3
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.39	1.7	2.7	ug/m3	585
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.38	0.86	2.7	ug/m3	1040000
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.56	1.6	5.1	ug/m3	174000
SVMW-14-350	SV14-350-212	4/13/2021	N	Y			0.36	0.86	2.6	ug/m3	69.5
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
SVMW-14-350	SV14-350-212	4/13/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	3480
SVMW-14-350	SV14-350-212	4/13/2021	N	N	U	U	0.37	0.86	2.6	ug/m3	NS
SVMW-14-350	SV14-350-212	4/13/2021	N	Y		D	4.4	16	26	ug/m3	3480
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.36	0.81	2.5	ug/m3	374
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.29	0.81	2.5	ug/m3	1.56
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.35	0.81	4.8	ug/m3	104000
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.31	0.81	2.5	ug/m3	174000
SVMW-14-450	SV14-450-212	4/13/2021	N	Y			0.32	0.81	4.8	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.52	1.5	2.5	ug/m3	24300
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.71	1.6	4.8	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.62	1.5	2.5	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	1.3	3.1	4.8	ug/m3	2430
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.4	1.5	2.5	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.35	0.81	2.4	ug/m3	156
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.31	0.81	4.8	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	1.8	3.9	25	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	1	3	4.8	ug/m3	NS
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	5.7	13	25	ug/m3	1080000
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.34	0.81	2.5	ug/m3	40.7
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	520
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.31	1.5	2.5	ug/m3	348000
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.27	0.81	2.5	ug/m3	55.9
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.71	1.5	2.5	ug/m3	20900
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.76	2.6	4.8	ug/m3	24300
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.38	1.5	2.4	ug/m3	24300
SVMW-14-450	SV14-450-212	4/13/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	1040000
SVMW-14-450	SV14-450-212	4/13/2021	N	Y			0.52	1.5	4.8	ug/m3	174000
SVMW-14-450	SV14-450-212	4/13/2021	N	Y	J	J	0.34	0.81	2.4	ug/m3	69.5
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	27.5
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	3480
SVMW-14-450	SV14-450-212	4/13/2021	N	N	U	U	0.35	0.81	2.5	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.35	0.79	2.4	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.4	1.5	2.4	ug/m3	34800
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.29	0.79	2.4	ug/m3	1.56
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.41	1.5	2.4	ug/m3	31.2
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.28	0.79	2.4	ug/m3	36
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.34	0.79	4.7	ug/m3	104000
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.36	0.79	2.5	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.3	0.79	2.4	ug/m3	174000
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.31	0.79	4.7	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.51	1.5	2.4	ug/m3	24300
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.7	1.6	4.7	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.61	1.5	2.4	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.61	1.5	4.7	ug/m3	69.5
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.29	0.79	2.4	ug/m3	187
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.33	0.79	2.4	ug/m3	34.7
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.32	0.79	2.4	ug/m3	1390
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.65	1.6	4.7	ug/m3	3480
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	1.3	3	4.7	ug/m3	2430
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.4	1.5	2.4	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.65	1.6	4.7	ug/m3	3480
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.35	0.79	2.4	ug/m3	156
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.31	0.79	4.7	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			1.7	3.9	25	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	1	2.9	4.7	ug/m3	NS
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	5.6	13	24	ug/m3	1080000
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.33	0.79	2.5	ug/m3	40.7
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.36	0.79	2.4	ug/m3	120
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	520
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.31	1.5	2.4	ug/m3	348000
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	520
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.31	1.5	2.4	ug/m3	348000
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.27	0.79	2.5	ug/m3	55.9
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.7	1.5	2.4	ug/m3	20900
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.75	2.5	4.7	ug/m3	24300
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.51	1.5	2.5	ug/m3	851
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.36	0.79	2.4	ug/m3	25.3
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.36	1.5	2.5	ug/m3	585
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.38	1.5	2.4	ug/m3	24300
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.41	1.5	2.4	ug/m3	3480
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.36	0.79	2.5	ug/m3	1040000
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y			0.51	1.5	4.7	ug/m3	174000
SVMW-14-450	SV14-450-612	4/13/2021	FD	Y	J	J	0.34	0.79	2.4	ug/m3	69.5
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.61	1.4	2.4	ug/m3	27.5
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.36	0.79	2.5	ug/m3	3480
SVMW-14-450	SV14-450-612	4/13/2021	FD	N	U	U	0.35	0.79	2.4	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.45	1	3.1	ug/m3	374
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.51	1.9	3.1	ug/m3	34800
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.37	1	3.1	ug/m3	1.56
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.53	1.9	3.1	ug/m3	31.2
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.35	1	3.1	ug/m3	36
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.44	1	6	ug/m3	104000
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.46	1	3.2	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.39	1	3.1	ug/m3	174000
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.4	1	6	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.66	1.9	3.1	ug/m3	24300
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.9	2	6	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.78	1.9	3.1	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.78	1.9	6	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.38	1	3.1	ug/m3	187
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.42	1	3.1	ug/m3	34.7
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.41	1	3.1	ug/m3	1390
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.84	2	6	ug/m3	3480
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	1.7	3.9	6	ug/m3	2430
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.51	1.9	3.1	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.84	2	6	ug/m3	3480
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.44	1	3	ug/m3	156
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.39	1	6	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	2.2	5	32	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	1.3	3.8	6	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	7.2	16	31	ug/m3	1080000
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.42	1	3.2	ug/m3	40.7
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.46	1	3.1	ug/m3	120
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.51	1.9	3.1	ug/m3	520
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.39	1.9	3.1	ug/m3	348000
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.34	1	3.2	ug/m3	55.9
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.9	1.9	3.1	ug/m3	20900
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.96	3.2	6	ug/m3	24300
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.66	1.9	3.2	ug/m3	851
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.46	1	3.1	ug/m3	25.3
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y	J	J	0.47	2	3.2	ug/m3	585
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.48	1.9	3	ug/m3	24300
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.45	1	3.2	ug/m3	1040000
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.66	1.9	6	ug/m3	174000
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y			0.43	1	3	ug/m3	69.5
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.78	1.9	3.1	ug/m3	27.5
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.46	1	3.2	ug/m3	3480
SVEW-12-410	SVE12-410-212	4/13/2021	N	N	U	U	0.44	1	3.1	ug/m3	NS
SVEW-12-410	SVE12-410-212	4/13/2021	N	Y		D	5.2	19	31	ug/m3	3480
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.32	0.73	2.2	ug/m3	374
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	1.56
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.25	0.73	2.2	ug/m3	36
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.31	0.73	4.3	ug/m3	104000
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.33	0.73	2.3	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.28	0.73	2.2	ug/m3	174000
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.29	0.73	4.3	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.47	1.4	2.2	ug/m3	24300
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.64	1.5	4.3	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.56	1.4	2.2	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	187
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.3	0.73	2.2	ug/m3	34.7
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.29	0.73	2.2	ug/m3	1390
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.36	1.4	2.2	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.32	0.73	2.2	ug/m3	156
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.28	0.73	4.3	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	1.6	3.5	23	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.94	2.7	4.3	ug/m3	NS
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	5.1	12	22	ug/m3	1080000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.3	0.73	2.3	ug/m3	40.7
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.33	0.73	2.2	ug/m3	120
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	520
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.24	0.73	2.3	ug/m3	55.9
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.64	1.4	2.2	ug/m3	20900
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.68	2.3	4.3	ug/m3	24300
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.33	0.73	2.2	ug/m3	25.3
KAFB-106115-250	SV115-250-212	4/13/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	3480
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.32	0.73	2.3	ug/m3	1040000
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.47	1.4	4.3	ug/m3	174000
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y	J	J	0.31	0.73	2.2	ug/m3	69.5
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.56	1.3	2.2	ug/m3	27.5
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.33	0.73	2.3	ug/m3	3480
KAFB-106115-250	SV115-250-212	4/13/2021	N	Y			0.32	0.73	2.2	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	374
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	34800
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	31.2
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.36	0.84	4.9	ug/m3	104000
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.38	0.84	2.6	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.32	0.84	2.6	ug/m3	174000
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.33	0.84	4.9	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	24300
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.74	1.7	4.9	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.34	0.84	2.6	ug/m3	34.7
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.34	0.84	2.6	ug/m3	1390
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.69	1.7	4.9	ug/m3	3480
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.69	1.7	4.9	ug/m3	3480
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.36	0.84	2.5	ug/m3	156
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.33	0.84	4.9	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	1.1	3.1	4.9	ug/m3	NS
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	5.9	13	26	ug/m3	1080000
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	40.7
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	520
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.79	2.7	4.9	ug/m3	24300
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.38	1.6	2.7	ug/m3	585
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.4	1.6	2.5	ug/m3	24300
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106115-350	SV115-350-212	4/13/2021	N	N	U	U	0.37	0.84	2.6	ug/m3	1040000
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.54	1.6	4.9	ug/m3	174000
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.35	0.84	2.5	ug/m3	69.5
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y	J	J	0.64	1.5	2.6	ug/m3	27.5
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.38	0.84	2.6	ug/m3	3480
KAFB-106115-350	SV115-350-212	4/13/2021	N	Y			0.36	0.84	2.6	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y	J	J	37	84	260	ug/m3	374
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	43	160	260	ug/m3	34800
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	31	84	260	ug/m3	1.56
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	44	160	260	ug/m3	31.2
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	29	84	260	ug/m3	36
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	36	84	500	ug/m3	104000
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y	J	J	38	84	260	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			32	84	260	ug/m3	174000
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	33	84	500	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			55	160	260	ug/m3	24300
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			75	170	500	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			65	160	260	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	65	160	500	ug/m3	69.5
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	31	84	260	ug/m3	187
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	35	84	260	ug/m3	34.7
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y	J	J	34	84	260	ug/m3	1390
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			70	170	500	ug/m3	3480
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			140	320	500	ug/m3	2430
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y	J	J	42	160	260	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			70	170	500	ug/m3	3480
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	37	84	250	ug/m3	156
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	33	84	500	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	180	410	2600	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	110	310	500	ug/m3	NS
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	600	1300	2600	ug/m3	1080000
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	35	84	260	ug/m3	40.7
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			38	84	260	ug/m3	120
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	43	160	260	ug/m3	520
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	33	160	260	ug/m3	348000
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	28	84	260	ug/m3	55.9
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	75	160	260	ug/m3	20900
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	79	270	500	ug/m3	24300
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	55	160	260	ug/m3	851
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	38	84	260	ug/m3	25.3
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	39	160	270	ug/m3	585
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	40	160	250	ug/m3	24300
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	43	160	260	ug/m3	3480
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y	J	J	38	84	260	ug/m3	1040000
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	55	160	500	ug/m3	174000
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	36	84	250	ug/m3	69.5
KAFB-106115-450	SV115-450-212	4/13/2021	N	N	U	U	65	150	260	ug/m3	27.5
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y			38	84	260	ug/m3	3480
KAFB-106115-450	SV115-450-212	4/13/2021	N	Y	J	J	37	84	260	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.39	0.88	2.7	ug/m3	374
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	34800
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	1.56
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.45	1.6	2.7	ug/m3	31.2
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.3	0.88	2.7	ug/m3	36
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.38	0.88	5.2	ug/m3	104000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.4	0.88	2.7	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.33	0.88	2.7	ug/m3	174000
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.35	0.88	5.2	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.57	1.6	2.7	ug/m3	24300
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.77	1.8	5.2	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.67	1.6	2.7	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.67	1.6	5.2	ug/m3	69.5
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	187
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.36	0.88	2.7	ug/m3	34.7
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.36	0.88	2.7	ug/m3	1390
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.72	1.8	5.2	ug/m3	3480
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	1.4	3.3	5.2	ug/m3	2430
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.44	1.6	2.7	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.72	1.8	5.2	ug/m3	3480
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.38	0.88	2.6	ug/m3	156
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.34	0.88	5.2	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	1.9	4.3	27	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	1.1	3.2	5.2	ug/m3	NS
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	6.2	14	27	ug/m3	1080000
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.37	0.88	2.7	ug/m3	40.7
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.4	0.88	2.7	ug/m3	120
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.44	1.6	2.7	ug/m3	520
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.34	1.6	2.7	ug/m3	348000
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.29	0.88	2.7	ug/m3	55.9
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.77	1.6	2.7	ug/m3	20900
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.82	2.8	5.2	ug/m3	24300
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.57	1.6	2.7	ug/m3	851
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.4	0.88	2.7	ug/m3	25.3
KAFB-106120-025	SV120-025-212	4/12/2021	N	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	24300
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.45	1.6	2.7	ug/m3	3480
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.39	0.88	2.7	ug/m3	1040000
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.57	1.6	5.2	ug/m3	174000
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y	J	J	0.37	0.88	2.6	ug/m3	69.5
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.67	1.6	2.7	ug/m3	27.5
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.4	0.88	2.7	ug/m3	3480
KAFB-106120-025	SV120-025-212	4/12/2021	N	Y			0.38	0.88	2.7	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y		D	3	7.1	22	ug/m3	40.7
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.31	0.71	2.2	ug/m3	374
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.36	1.3	2.2	ug/m3	34800
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.26	0.71	2.2	ug/m3	1.56
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.37	1.3	2.2	ug/m3	31.2
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.25	0.71	2.2	ug/m3	36
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.3	0.71	4.2	ug/m3	104000
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.32	0.71	2.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.27	0.71	2.2	ug/m3	174000
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.28	0.71	4.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.46	1.3	2.2	ug/m3	24300
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.63	1.4	4.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.54	1.3	2.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.54	1.3	4.2	ug/m3	69.5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.26	0.71	2.2	ug/m3	187
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.29	0.71	2.2	ug/m3	34.7
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.29	0.71	2.2	ug/m3	1390
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.58	1.4	4.2	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			1.2	2.7	4.2	ug/m3	2430
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.35	1.3	2.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.58	1.4	4.2	ug/m3	3480
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.31	0.71	2.1	ug/m3	156
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.28	0.71	4.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	1.5	3.5	22	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.92	2.6	4.2	ug/m3	NS
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			5	11	22	ug/m3	1080000
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.32	0.71	2.2	ug/m3	120
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.36	1.3	2.2	ug/m3	520
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.28	1.3	2.2	ug/m3	348000
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.24	0.71	2.2	ug/m3	55.9
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.63	1.3	2.2	ug/m3	20900
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.67	2.3	4.2	ug/m3	24300
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.46	1.3	2.2	ug/m3	851
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.32	0.71	2.2	ug/m3	25.3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.34	1.3	2.1	ug/m3	24300
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.36	1.3	2.2	ug/m3	3480
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y	J	J	0.32	0.71	2.2	ug/m3	1040000
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.46	1.3	4.2	ug/m3	174000
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.3	0.71	2.1	ug/m3	69.5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.54	1.3	2.2	ug/m3	27.5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.32	0.71	2.2	ug/m3	3480
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Y			0.31	0.71	2.2	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y		D	3.3	7.8	24	ug/m3	40.7
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	374
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	1.56
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.34	0.78	4.6	ug/m3	104000
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.31	0.78	4.6	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.51	1.5	2.4	ug/m3	24300
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.69	1.6	4.6	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.32	0.78	2.4	ug/m3	34.7
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			1.3	3	4.6	ug/m3	2430
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.3	0.78	4.6	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			5.5	12	24	ug/m3	1080000
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	520
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.3	1.5	2.4	ug/m3	348000
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.69	1.5	2.4	ug/m3	20900
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.74	2.5	4.6	ug/m3	24300
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.51	1.5	2.4	ug/m3	851
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	25.3
KAFB-106120-050	SV120-050-212	4/12/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	1040000
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.51	1.5	4.6	ug/m3	174000
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.33	0.78	2.3	ug/m3	69.5
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y	J	J	0.6	1.4	2.4	ug/m3	27.5
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
KAFB-106120-050	SV120-050-212	4/12/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.42	0.96	2.9	ug/m3	374
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	34800
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.35	0.96	2.9	ug/m3	1.56
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.5	1.8	2.9	ug/m3	31.2
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.33	0.96	2.9	ug/m3	36
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.41	0.96	5.6	ug/m3	104000
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.43	0.96	3	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.37	0.96	2.9	ug/m3	174000
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.38	0.96	5.6	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.62	1.8	2.9	ug/m3	24300
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.84	1.9	5.6	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.73	1.8	2.9	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.73	1.8	5.6	ug/m3	69.5
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.35	0.96	2.9	ug/m3	187
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.39	0.96	2.9	ug/m3	34.7
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.35	0.96	2.9	ug/m3	187
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.39	0.96	2.9	ug/m3	34.7
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.39	0.96	2.9	ug/m3	1390
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.79	1.9	5.6	ug/m3	3480
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	1.6	3.7	5.6	ug/m3	2430
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.79	1.9	5.6	ug/m3	3480
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.42	0.96	2.9	ug/m3	156
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.37	0.96	5.6	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	2.1	4.7	30	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			1.2	3.5	5.6	ug/m3	NS
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	6.8	15	29	ug/m3	1080000
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.4	0.96	3	ug/m3	40.7
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.43	0.96	2.9	ug/m3	120
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	520
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.37	1.8	2.9	ug/m3	348000
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.32	0.96	3	ug/m3	55.9
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.84	1.8	2.9	ug/m3	20900
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.9	3	5.6	ug/m3	24300
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.62	1.8	3	ug/m3	851
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.43	0.96	2.9	ug/m3	25.3
KAFB-106120-150	SV120-150-212	4/12/2021	N	N	U	U	0.44	1.9	3	ug/m3	585
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.46	1.8	2.9	ug/m3	24300
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.49	1.8	2.9	ug/m3	3480
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.43	0.96	3	ug/m3	1040000
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.62	1.8	5.6	ug/m3	174000
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.41	0.96	2.9	ug/m3	69.5
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.73	1.7	2.9	ug/m3	27.5
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y	J	J	0.43	0.96	3	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106120-150	SV120-150-212	4/12/2021	N	Y			0.42	0.96	2.9	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.32	0.72	2.2	ug/m3	374
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.36	1.4	2.2	ug/m3	34800
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.26	0.72	2.2	ug/m3	1.56
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	31.2
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.25	0.72	2.2	ug/m3	36
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.31	0.72	4.2	ug/m3	104000
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.33	0.72	2.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.27	0.72	2.2	ug/m3	174000
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.28	0.72	4.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.46	1.4	2.2	ug/m3	24300
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.63	1.4	4.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.55	1.4	2.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.55	1.4	4.2	ug/m3	69.5
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.27	0.72	2.2	ug/m3	187
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.3	0.72	2.2	ug/m3	34.7
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.29	0.72	2.2	ug/m3	1390
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.59	1.4	4.2	ug/m3	3480
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			1.2	2.7	4.2	ug/m3	2430
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.59	1.4	4.2	ug/m3	3480
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.31	0.72	2.2	ug/m3	156
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.28	0.72	4.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			1.6	3.5	22	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.93	2.7	4.2	ug/m3	NS
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	5.1	11	22	ug/m3	1080000
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.3	0.72	2.2	ug/m3	40.7
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.33	0.72	2.2	ug/m3	120
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	520
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.24	0.72	2.2	ug/m3	55.9
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.63	1.4	2.2	ug/m3	20900
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.68	2.3	4.2	ug/m3	24300
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.46	1.4	2.2	ug/m3	851
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.33	0.72	2.2	ug/m3	25.3
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.34	1.4	2.2	ug/m3	24300
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y	J	J	0.32	0.72	2.2	ug/m3	1040000
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.46	1.4	4.2	ug/m3	174000
KAFB-106120-250	SV120-250-212	4/12/2021	N	N	U	U	0.3	0.72	2.2	ug/m3	69.5
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.55	1.3	2.2	ug/m3	27.5
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.33	0.72	2.2	ug/m3	3480
KAFB-106120-250	SV120-250-212	4/12/2021	N	Y			0.31	0.72	2.2	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1	2.3	7	ug/m3	374
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1.2	4.3	7	ug/m3	34800
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.84	2.3	7	ug/m3	1.56
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1.2	4.3	7	ug/m3	31.2
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.8	2.3	7	ug/m3	36
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.99	2.3	14	ug/m3	104000
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1	2.3	7.2	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.88	2.3	7	ug/m3	174000
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.9	2.3	14	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1.5	4.3	7	ug/m3	24300
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			2	4.6	14	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1.8	4.3	7	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1.8	4.3	14	ug/m3	69.5
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.85	2.3	7	ug/m3	187
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.95	2.3	7	ug/m3	34.7
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	0.93	2.3	7	ug/m3	1390
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1.9	4.6	14	ug/m3	3480
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	3.8	8.8	14	ug/m3	2430
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1.1	4.3	7	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1.9	4.6	14	ug/m3	3480
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1	2.3	6.9	ug/m3	156
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.89	2.3	14	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	5	11	72	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	3	8.5	14	ug/m3	NS
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	16	36	70	ug/m3	1080000
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			0.96	2.3	7.2	ug/m3	40.7
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1	2.3	7	ug/m3	120
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1.2	4.3	7	ug/m3	520
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.89	4.3	7	ug/m3	348000
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.77	2.3	7.2	ug/m3	55.9
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	2	4.3	7	ug/m3	20900
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	2.2	7.3	14	ug/m3	24300
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1.5	4.3	7.2	ug/m3	851
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1	2.3	7	ug/m3	25.3
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	1.1	4.5	7.3	ug/m3	585
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1.1	4.3	6.9	ug/m3	24300
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1.2	4.3	7	ug/m3	3480
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1	2.3	7.2	ug/m3	1040000
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1.5	4.3	14	ug/m3	174000
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1	2.3	7.2	ug/m3	1040000
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1.5	4.3	14	ug/m3	174000
KAFB-106120-350	SV120-350-212	4/12/2021	N	N	U	U	0.97	2.3	6.9	ug/m3	69.5
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y	J	J	1.8	4.2	7	ug/m3	27.5
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1	2.3	7.2	ug/m3	3480
KAFB-106120-350	SV120-350-212	4/12/2021	N	Y			1	2.3	7	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	25	76	ug/m3	374
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	13	47	76	ug/m3	34800
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	9.1	25	76	ug/m3	1.56
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	13	47	76	ug/m3	31.2
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	8.7	25	76	ug/m3	36
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	25	150	ug/m3	104000
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	11	25	78	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	9.5	25	76	ug/m3	174000
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	9.8	25	150	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	16	47	76	ug/m3	24300
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	22	50	150	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	19	47	76	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	19	47	150	ug/m3	69.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	9.2	25	76	ug/m3	187
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	10	25	76	ug/m3	34.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	10	25	76	ug/m3	1390
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	21	50	150	ug/m3	3480
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	41	95	150	ug/m3	2430
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	12	47	76	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	21	50	150	ug/m3	3480
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	25	75	ug/m3	156
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	9.7	25	150	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	54	120	780	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	32	92	150	ug/m3	NS
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	180	400	760	ug/m3	1080000
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	10	25	78	ug/m3	40.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y			11	25	76	ug/m3	120
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	13	47	76	ug/m3	520
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	9.7	47	76	ug/m3	348000
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	8.4	25	78	ug/m3	55.9
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	22	47	76	ug/m3	20900
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y			23	79	150	ug/m3	24300
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	16	47	78	ug/m3	851
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	25	76	ug/m3	25.3
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	48	79	ug/m3	585
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	12	47	75	ug/m3	24300
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y			13	47	76	ug/m3	3480
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	11	25	78	ug/m3	1040000
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	16	47	150	ug/m3	174000
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	25	75	ug/m3	69.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	19	45	76	ug/m3	27.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	Y	J	J	11	25	78	ug/m3	3480
KAFB-106120-450	SV120-450-212	4/12/2021	N	N	U	U	11	25	76	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.48	1.1	3.3	ug/m3	374
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.55	2	3.3	ug/m3	34800
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.39	1.1	3.3	ug/m3	1.56
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.56	2	3.3	ug/m3	31.2
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.37	1.1	3.3	ug/m3	36
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.46	1.1	6.4	ug/m3	104000
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.49	1.1	3.4	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.41	1.1	3.3	ug/m3	174000
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.49	1.1	3.3	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.41	1.1	3.3	ug/m3	174000
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.43	1.1	6.4	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.7	2	3.3	ug/m3	24300
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.95	2.2	6.4	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.83	2	3.3	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.83	2	6.4	ug/m3	69.5
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.4	1.1	3.3	ug/m3	187
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.44	1.1	3.3	ug/m3	34.7
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.44	1.1	3.3	ug/m3	1390
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.89	2.2	6.4	ug/m3	3480
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			1.8	4.1	6.4	ug/m3	2430
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.54	2	3.3	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.89	2.2	6.4	ug/m3	3480
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.47	1.1	3.2	ug/m3	156
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.42	1.1	6.4	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	2.3	5.3	34	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	1.4	4	6.4	ug/m3	NS
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	7.6	17	33	ug/m3	1080000
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.45	1.1	3.4	ug/m3	40.7
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.49	1.1	3.3	ug/m3	120
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.55	2	3.3	ug/m3	520
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.42	2	3.3	ug/m3	348000
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.36	1.1	3.4	ug/m3	55.9
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.95	2	3.3	ug/m3	20900
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	1	3.4	6.4	ug/m3	24300
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.7	2	3.4	ug/m3	851
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.49	1.1	3.3	ug/m3	25.3
KAFB-106121-025	SV121-025-212	4/12/2021	N	N	U	U	0.5	2.1	3.4	ug/m3	585

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.51	2	3.2	ug/m3	24300
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.55	2	3.3	ug/m3	3480
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.48	1.1	3.4	ug/m3	1040000
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.7	2	6.4	ug/m3	174000
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.46	1.1	3.2	ug/m3	69.5
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y	J	J	0.83	2	3.3	ug/m3	27.5
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.49	1.1	3.4	ug/m3	3480
KAFB-106121-025	SV121-025-212	4/12/2021	N	Y			0.47	1.1	3.3	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.49	1.1	3.4	ug/m3	374
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.56	2.1	3.4	ug/m3	34800
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.4	1.1	3.4	ug/m3	1.56
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.57	2.1	3.4	ug/m3	31.2
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.38	1.1	3.4	ug/m3	36
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.48	1.1	6.5	ug/m3	104000
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.5	1.1	3.5	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.42	1.1	3.4	ug/m3	174000
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.44	1.1	6.5	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.72	2.1	3.4	ug/m3	24300
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.98	2.2	6.5	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.85	2.1	3.4	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.85	2.1	6.5	ug/m3	69.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.41	1.1	3.4	ug/m3	187
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.46	1.1	3.4	ug/m3	34.7
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.45	1.1	3.4	ug/m3	1390
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.91	2.2	6.5	ug/m3	3480
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	1.8	4.2	6.5	ug/m3	2430
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.55	2.1	3.4	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.91	2.2	6.5	ug/m3	3480
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.55	2.1	3.4	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.91	2.2	6.5	ug/m3	3480
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.48	1.1	3.3	ug/m3	156
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.43	1.1	6.5	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	2.4	5.4	35	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	1.4	4.1	6.5	ug/m3	NS
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	7.8	18	34	ug/m3	1080000
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.46	1.1	3.5	ug/m3	40.7
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.5	1.1	3.4	ug/m3	120
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.56	2.1	3.4	ug/m3	520
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.43	2.1	3.4	ug/m3	348000
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.37	1.1	3.5	ug/m3	55.9
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.98	2.1	3.4	ug/m3	20900
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	1	3.5	6.5	ug/m3	24300
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.72	2.1	3.5	ug/m3	851
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.5	1.1	3.4	ug/m3	25.3
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.51	2.2	3.5	ug/m3	585
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.53	2.1	3.3	ug/m3	24300
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.57	2.1	3.4	ug/m3	3480
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.5	1.1	3.5	ug/m3	1040000
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.72	2.1	6.5	ug/m3	174000
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.47	1.1	3.3	ug/m3	69.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	N	U	U	0.85	2	3.4	ug/m3	27.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y	J	J	0.5	1.1	3.5	ug/m3	3480
KAFB-106121-050	SV121-050-212	4/12/2021	N	Y			0.48	1.1	3.4	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.32	0.72	2.2	ug/m3	374
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.36	1.4	2.2	ug/m3	34800
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.26	0.72	2.2	ug/m3	1.56
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	31.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.25	0.72	2.2	ug/m3	36
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.31	0.72	4.2	ug/m3	104000
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.33	0.72	2.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.27	0.72	2.2	ug/m3	174000
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.28	0.72	4.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.46	1.4	2.2	ug/m3	24300
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.63	1.4	4.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.55	1.4	2.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.55	1.4	4.2	ug/m3	69.5
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.27	0.72	2.2	ug/m3	187
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.3	0.72	2.2	ug/m3	34.7
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.29	0.72	2.2	ug/m3	1390
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.59	1.4	4.2	ug/m3	3480
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			1.2	2.7	4.2	ug/m3	2430
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.59	1.4	4.2	ug/m3	3480
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.31	0.72	2.2	ug/m3	156
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.28	0.72	4.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	1.6	3.5	22	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.93	2.7	4.2	ug/m3	NS
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	5.1	11	22	ug/m3	1080000
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.3	0.72	2.2	ug/m3	40.7
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.33	0.72	2.2	ug/m3	120
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.36	1.4	2.2	ug/m3	520
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.24	0.72	2.2	ug/m3	55.9
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.63	1.4	2.2	ug/m3	20900
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.68	2.3	4.2	ug/m3	24300
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.68	2.3	4.2	ug/m3	24300
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.46	1.4	2.2	ug/m3	851
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.33	0.72	2.2	ug/m3	25.3
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.34	1.4	2.2	ug/m3	24300
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.32	0.72	2.2	ug/m3	1040000
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.46	1.4	4.2	ug/m3	174000
KAFB-106121-145	SV121-145-212	4/12/2021	N	N	U	U	0.3	0.72	2.2	ug/m3	69.5
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.55	1.3	2.2	ug/m3	27.5
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y	J	J	0.33	0.72	2.2	ug/m3	3480
KAFB-106121-145	SV121-145-212	4/12/2021	N	Y			0.31	0.72	2.2	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.38	0.87	2.7	ug/m3	374
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.44	1.6	2.7	ug/m3	34800
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.32	0.87	2.7	ug/m3	1.56
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.45	1.6	2.7	ug/m3	31.2
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.3	0.87	2.7	ug/m3	36
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.37	0.87	5.1	ug/m3	104000
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.39	0.87	2.7	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.33	0.87	2.7	ug/m3	174000
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.34	0.87	5.1	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.56	1.6	2.7	ug/m3	24300
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.77	1.7	5.1	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.66	1.6	2.7	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.32	0.87	2.7	ug/m3	187
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.36	0.87	2.7	ug/m3	34.7
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.35	0.87	2.7	ug/m3	1390

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.71	1.7	5.1	ug/m3	3480
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	0.43	1.6	2.7	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.71	1.7	5.1	ug/m3	3480
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.38	0.87	2.6	ug/m3	156
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.34	0.87	5.1	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	1.1	3.2	5.1	ug/m3	NS
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	6.1	14	27	ug/m3	1080000
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.36	0.87	2.7	ug/m3	40.7
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	0.39	0.87	2.7	ug/m3	120
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.44	1.6	2.7	ug/m3	520
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.34	1.6	2.7	ug/m3	348000
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.29	0.87	2.7	ug/m3	55.9
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.77	1.6	2.7	ug/m3	20900
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	0.82	2.8	5.1	ug/m3	24300
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.39	0.87	2.7	ug/m3	25.3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.4	1.7	2.8	ug/m3	585
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.44	1.6	2.7	ug/m3	3480
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	0.39	0.87	2.7	ug/m3	1040000
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y	J	J	0.56	1.6	5.1	ug/m3	174000
KAFB-106121-145	SV121-145-612	4/12/2021	FD	N	U	U	0.37	0.87	2.6	ug/m3	69.5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.66	1.6	2.7	ug/m3	27.5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.39	0.87	2.7	ug/m3	3480
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.38	0.87	2.7	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.36	0.81	2.5	ug/m3	374
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Y			0.38	0.87	2.7	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.36	0.81	2.5	ug/m3	374
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.29	0.81	2.5	ug/m3	1.56
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.35	0.81	4.8	ug/m3	104000
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.37	0.81	2.5	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.31	0.81	2.5	ug/m3	174000
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.32	0.81	4.8	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.52	1.5	2.5	ug/m3	24300
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.71	1.6	4.8	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			1.3	3.1	4.8	ug/m3	2430
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.4	1.5	2.5	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.31	0.81	4.8	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	1.8	3.9	25	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	1	3	4.8	ug/m3	NS
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	5.7	13	25	ug/m3	1080000
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.31	1.5	2.5	ug/m3	348000
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.71	1.5	2.5	ug/m3	20900
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.76	2.6	4.8	ug/m3	24300
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y	J	J	0.52	1.5	4.8	ug/m3	174000
KAFB-106121-250	SV121-250-212	4/12/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.62	1.5	2.5	ug/m3	27.5
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.37	0.81	2.5	ug/m3	3480
KAFB-106121-250	SV121-250-212	4/12/2021	N	Y			0.35	0.81	2.5	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.34	0.76	2.3	ug/m3	374
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	1.56
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.26	0.76	2.3	ug/m3	36
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.33	0.76	4.5	ug/m3	104000
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.29	0.76	2.3	ug/m3	174000
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.3	0.76	4.5	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.49	1.4	2.3	ug/m3	24300
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.67	1.5	4.5	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.58	1.4	2.3	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.58	1.4	2.3	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	187
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.31	0.76	2.3	ug/m3	34.7
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.31	0.76	2.3	ug/m3	1390
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	1.3	2.9	4.5	ug/m3	2430
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.33	0.76	2.3	ug/m3	156
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.3	0.76	4.5	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	1.7	3.7	24	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.98	2.8	4.5	ug/m3	NS
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	5.4	12	23	ug/m3	1080000
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.32	0.76	2.4	ug/m3	40.7
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.34	0.76	2.3	ug/m3	120
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.3	1.4	2.3	ug/m3	348000
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.26	0.76	2.4	ug/m3	55.9
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.67	1.4	2.3	ug/m3	20900
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.72	2.4	4.5	ug/m3	24300
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.49	1.4	2.4	ug/m3	851
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.34	0.76	2.3	ug/m3	25.3
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.36	1.4	2.3	ug/m3	24300
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.34	0.76	2.4	ug/m3	1040000
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.49	1.4	4.5	ug/m3	174000
KAFB-106121-350	SV121-350-212	4/12/2021	N	N	U	U	0.32	0.76	2.3	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.58	1.4	2.3	ug/m3	27.5
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	3480
KAFB-106121-350	SV121-350-212	4/12/2021	N	Y			0.33	0.76	2.3	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.38	0.85	2.6	ug/m3	374
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	31.2
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.3	0.85	2.6	ug/m3	36
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.37	0.85	5	ug/m3	104000
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y	J	J	0.39	0.85	2.7	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.33	0.85	2.6	ug/m3	174000
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.34	0.85	5	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.55	1.6	2.6	ug/m3	24300
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.75	1.7	5	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.65	1.6	2.6	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.32	0.85	2.6	ug/m3	187
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y	J	J	0.35	0.85	2.6	ug/m3	1390
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.7	1.7	5	ug/m3	3480
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	1.4	3.3	5	ug/m3	2430
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.43	1.6	2.6	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.7	1.7	5	ug/m3	3480
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.37	0.85	2.6	ug/m3	156
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.33	0.85	5	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	1.1	3.2	5	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	6	14	26	ug/m3	1080000
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	1.1	3.2	5	ug/m3	NS
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	6	14	26	ug/m3	1080000
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y	J	J	0.36	0.85	2.7	ug/m3	40.7
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.39	0.85	2.6	ug/m3	120
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.43	1.6	2.6	ug/m3	520
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.33	1.6	2.6	ug/m3	348000
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.29	0.85	2.7	ug/m3	55.9
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.8	2.7	5	ug/m3	24300
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.55	1.6	2.7	ug/m3	851
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.39	0.85	2.6	ug/m3	25.3
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.39	1.7	2.7	ug/m3	585
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.44	1.6	2.6	ug/m3	3480
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.38	0.85	2.7	ug/m3	1040000
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.55	1.6	5	ug/m3	174000
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.36	0.85	2.6	ug/m3	69.5
KAFB-106121-450	SV121-450-212	4/12/2021	N	N	U	U	0.65	1.6	2.6	ug/m3	27.5
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.39	0.85	2.7	ug/m3	3480
KAFB-106121-450	SV121-450-212	4/12/2021	N	Y			0.37	0.85	2.6	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.34	0.79	4.7	ug/m3	104000
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.36	0.79	2.5	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.3	0.79	2.4	ug/m3	174000
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.31	0.79	4.7	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.7	1.6	4.7	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.6	1.5	2.4	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.6	1.5	4.7	ug/m3	69.5
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	187
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.33	0.79	2.4	ug/m3	34.7
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.32	0.79	2.4	ug/m3	1390
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.65	1.6	4.7	ug/m3	3480
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	1.3	3	4.7	ug/m3	2430
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.65	1.6	4.7	ug/m3	3480
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.34	0.79	2.4	ug/m3	156
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.31	0.79	4.7	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	1.7	3.9	25	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	1	2.9	4.7	ug/m3	NS
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	5.6	13	24	ug/m3	1080000
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.33	0.79	2.5	ug/m3	40.7
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	120
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.7	1.5	2.4	ug/m3	20900
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.74	2.5	4.7	ug/m3	24300
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.36	0.79	2.4	ug/m3	25.3
KAFB-106122-025	SV122-025-212	4/12/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.38	1.5	2.4	ug/m3	24300
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	3480
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.35	0.79	2.5	ug/m3	1040000
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.51	1.5	4.7	ug/m3	174000
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y	J	J	0.33	0.79	2.4	ug/m3	69.5
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.6	1.4	2.4	ug/m3	27.5
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.36	0.79	2.5	ug/m3	3480
KAFB-106122-025	SV122-025-212	4/12/2021	N	Y			0.34	0.79	2.4	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	374
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.36	0.84	5	ug/m3	104000
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.38	0.84	2.6	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.32	0.84	2.6	ug/m3	174000
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.33	0.84	5	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	24300
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.74	1.7	5	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.64	1.6	2.6	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.64	1.6	5	ug/m3	69.5
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.35	0.84	2.6	ug/m3	34.7
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.34	0.84	2.6	ug/m3	1390
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.69	1.7	5	ug/m3	3480
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.69	1.7	5	ug/m3	3480
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.37	0.84	2.5	ug/m3	156

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.33	0.84	5	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	1.1	3.1	5	ug/m3	NS
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			5.9	13	26	ug/m3	1080000
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.35	0.84	2.6	ug/m3	40.7
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	120
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	520
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.74	1.6	2.6	ug/m3	20900
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.79	2.7	5	ug/m3	24300
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.38	0.84	2.6	ug/m3	25.3
KAFB-106122-050	SV122-050-212	4/12/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	1040000
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.54	1.6	5	ug/m3	174000
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y	J	J	0.36	0.84	2.5	ug/m3	69.5
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.64	1.5	2.6	ug/m3	27.5
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.38	0.84	2.6	ug/m3	3480
KAFB-106122-050	SV122-050-212	4/12/2021	N	Y			0.37	0.84	2.6	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	374
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	1.56
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.31	0.81	2.5	ug/m3	174000
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.32	0.81	4.8	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.62	1.5	2.5	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.32	0.81	4.8	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			1.8	4	25	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			1.1	3	4.8	ug/m3	NS
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			5.7	13	25	ug/m3	1080000
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.34	0.81	2.5	ug/m3	40.7
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	120
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.76	2.6	4.8	ug/m3	24300
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	25.3
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	24300
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	1040000
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.53	1.5	4.8	ug/m3	174000
KAFB-106122-150	SV122-150-212	4/12/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.62	1.5	2.5	ug/m3	27.5
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	3480
KAFB-106122-150	SV122-150-212	4/12/2021	N	Y			0.35	0.81	2.5	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	374
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	34800
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	31.2
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.36	0.84	4.9	ug/m3	104000
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.38	0.84	2.6	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.32	0.84	2.6	ug/m3	174000
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.33	0.84	4.9	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.54	1.6	2.6	ug/m3	24300
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.74	1.7	4.9	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.64	1.6	2.6	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.34	0.84	2.6	ug/m3	34.7
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.34	0.84	2.6	ug/m3	1390
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.69	1.7	4.9	ug/m3	3480
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.69	1.7	4.9	ug/m3	3480
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	1.4	3.2	4.9	ug/m3	2430
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.69	1.7	4.9	ug/m3	3480
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.36	0.84	2.5	ug/m3	156
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.33	0.84	4.9	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			1.8	4.1	26	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	1.1	3.1	4.9	ug/m3	NS
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	5.9	13	26	ug/m3	1080000
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.35	0.84	2.6	ug/m3	40.7
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.38	0.84	2.6	ug/m3	120
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	520
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.33	1.6	2.6	ug/m3	348000
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.28	0.84	2.6	ug/m3	55.9
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.79	2.7	4.9	ug/m3	24300
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.38	1.6	2.7	ug/m3	585
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	1040000
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.54	1.6	4.9	ug/m3	174000
KAFB-106122-250	SV122-250-212	4/12/2021	N	N	U	U	0.35	0.84	2.5	ug/m3	69.5
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.64	1.5	2.6	ug/m3	27.5
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.38	0.84	2.6	ug/m3	3480
KAFB-106122-250	SV122-250-212	4/12/2021	N	Y			0.36	0.84	2.6	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	374
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.29	0.81	2.5	ug/m3	1.56
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.31	0.81	2.5	ug/m3	174000
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.32	0.81	4.8	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.52	1.5	2.5	ug/m3	24300
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.71	1.6	4.8	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.62	1.5	2.5	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.4	1.5	2.5	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.35	0.81	2.4	ug/m3	156
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.31	0.81	4.8	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	1.8	3.9	25	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	1	3	4.8	ug/m3	NS
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			5.7	13	25	ug/m3	1080000
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.37	0.81	2.5	ug/m3	120
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.31	1.5	2.5	ug/m3	348000
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.71	1.5	2.5	ug/m3	20900
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.76	2.6	4.8	ug/m3	24300
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.52	1.5	4.8	ug/m3	174000
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106122-350	SV122-350-212	4/12/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	27.5
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	3480
KAFB-106122-350	SV122-350-212	4/12/2021	N	Y	J	J	0.35	0.81	2.5	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	7.3	16	50	ug/m3	374
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	8.3	31	50	ug/m3	34800
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	6	16	50	ug/m3	1.56
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	8.5	31	50	ug/m3	31.2
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	5.7	16	50	ug/m3	36
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7.1	16	97	ug/m3	104000
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7.5	16	51	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y			6.3	16	50	ug/m3	174000
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y			6.5	16	97	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	11	31	50	ug/m3	24300
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	15	33	97	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	13	31	50	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	13	31	97	ug/m3	69.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	6.1	16	50	ug/m3	187

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	6.8	16	50	ug/m3	34.7
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	6.7	16	50	ug/m3	1390
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	14	33	97	ug/m3	3480
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	27	63	97	ug/m3	2430
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	8.2	31	50	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	14	33	97	ug/m3	3480
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7.2	16	49	ug/m3	156
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	6.4	16	97	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	36	81	510	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	21	61	97	ug/m3	NS
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	120	260	500	ug/m3	1080000
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	6.9	16	51	ug/m3	40.7
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y			7.5	16	50	ug/m3	120
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y			8.3	31	50	ug/m3	520
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	6.4	31	50	ug/m3	348000
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	5.5	16	51	ug/m3	55.9
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	15	31	50	ug/m3	20900
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y			16	52	97	ug/m3	24300
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	11	31	51	ug/m3	851
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7.5	16	50	ug/m3	25.3
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7.6	32	52	ug/m3	585
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	7.9	31	49	ug/m3	24300
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y			8.4	31	50	ug/m3	3480
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7.4	16	51	ug/m3	1040000
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	11	31	97	ug/m3	174000
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	7	16	49	ug/m3	69.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	N	U	U	13	30	50	ug/m3	27.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	7.5	16	51	ug/m3	3480
KAFB-106122-450	SV122-450-212	4/12/2021	N	Y	J	J	7.2	16	50	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	374
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.29	0.78	2.4	ug/m3	1.56
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.34	0.78	4.6	ug/m3	104000
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.51	1.5	2.4	ug/m3	24300
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.69	1.6	4.6	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.32	0.78	2.4	ug/m3	34.7
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	1.3	3	4.6	ug/m3	2430
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.39	1.5	2.4	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.3	0.78	4.6	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			5.5	12	24	ug/m3	1080000
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.69	1.5	2.4	ug/m3	20900
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.74	2.5	4.6	ug/m3	24300
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.51	1.5	2.4	ug/m3	851
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	25.3
KAFB-106123-025	SV123-025-212	4/12/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	1040000
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.51	1.5	4.6	ug/m3	174000
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y	J	J	0.33	0.78	2.3	ug/m3	69.5
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.6	1.4	2.4	ug/m3	27.5
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
KAFB-106123-025	SV123-025-212	4/12/2021	N	Y		D	3.3	7.8	24	ug/m3	40.7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			740	1700	5100	ug/m3	374
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	850	3200	5100	ug/m3	34800
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	610	1700	5100	ug/m3	1.56
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	870	3200	5100	ug/m3	31.2
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	580	1700	5100	ug/m3	36
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y	J	J	720	1700	9900	ug/m3	104000
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			760	1700	5200	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			640	1700	5100	ug/m3	174000
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	660	1700	9900	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1100	3200	5100	ug/m3	24300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1500	3400	9900	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1100	3200	5100	ug/m3	24300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1500	3400	9900	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y	J	J	1300	3200	5100	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	1300	3200	9900	ug/m3	69.5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	620	1700	5100	ug/m3	187
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	690	1700	5100	ug/m3	34.7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	680	1700	5100	ug/m3	1390
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1400	3400	9900	ug/m3	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	2800	6400	9900	ug/m3	2430
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			840	3200	5100	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1400	3400	9900	ug/m3	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	730	1700	5000	ug/m3	156
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	650	1700	9900	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			3700	8200	52000	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			2200	6200	9900	ug/m3	NS
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			12000	27000	51000	ug/m3	1080000
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	700	1700	5200	ug/m3	40.7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			760	1700	5100	ug/m3	120
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	850	3200	5100	ug/m3	520
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	650	3200	5100	ug/m3	348000
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	560	1700	5200	ug/m3	55.9
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	1500	3200	5100	ug/m3	20900
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y	J	J	1600	5300	9900	ug/m3	24300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	1100	3200	5200	ug/m3	851
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	760	1700	5100	ug/m3	25.3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	770	3300	5300	ug/m3	585
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	800	3200	5000	ug/m3	24300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	860	3200	5100	ug/m3	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	750	1700	5200	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			1100	3200	9900	ug/m3	174000
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	710	1700	5000	ug/m3	69.5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	N	U	U	1300	3100	5100	ug/m3	27.5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			760	1700	5200	ug/m3	3480
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Y			730	1700	5100	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			2600	5800	18000	ug/m3	374
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2900	11000	18000	ug/m3	34800
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2100	5800	18000	ug/m3	1.56
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	3000	11000	18000	ug/m3	31.2
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2000	5800	18000	ug/m3	36
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2500	5800	34000	ug/m3	104000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y	J	J	2600	5800	18000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			2200	5800	18000	ug/m3	174000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2300	5800	34000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			3700	11000	18000	ug/m3	24300
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			5100	12000	34000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y	J	J	4400	11000	18000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	4400	11000	34000	ug/m3	69.5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2100	5800	18000	ug/m3	187
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2400	5800	18000	ug/m3	34.7
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2300	5800	18000	ug/m3	1390
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			4800	12000	34000	ug/m3	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	9500	22000	34000	ug/m3	2430
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			2900	11000	18000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			4800	12000	34000	ug/m3	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2500	5800	17000	ug/m3	156
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2200	5800	34000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y	J	J	13000	28000	180000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y	J	J	13000	28000	180000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y	J	J	7500	21000	34000	ug/m3	NS
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			41000	92000	180000	ug/m3	1080000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2400	5800	18000	ug/m3	40.7
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			2600	5800	18000	ug/m3	120
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2900	11000	18000	ug/m3	520
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2200	11000	18000	ug/m3	348000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	1900	5800	18000	ug/m3	55.9
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	5100	11000	18000	ug/m3	20900
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y	J	J	5400	18000	34000	ug/m3	24300
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	3700	11000	18000	ug/m3	851
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2600	5800	18000	ug/m3	25.3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2700	11000	18000	ug/m3	585
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2800	11000	17000	ug/m3	24300
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	3000	11000	18000	ug/m3	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2600	5800	18000	ug/m3	1040000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			3700	11000	34000	ug/m3	174000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	2400	5800	17000	ug/m3	69.5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	N	U	U	4400	11000	18000	ug/m3	27.5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			2600	5800	18000	ug/m3	3480
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Y			2500	5800	18000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			3700	8400	26000	ug/m3	374
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	4200	16000	26000	ug/m3	34800
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3100	8400	26000	ug/m3	1.56
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	4300	16000	26000	ug/m3	31.2
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	2900	8400	26000	ug/m3	36
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y	J	J	3600	8400	49000	ug/m3	104000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y	J	J	3800	8400	26000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			3200	8400	26000	ug/m3	174000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3300	8400	49000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			5400	16000	26000	ug/m3	24300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			7400	17000	49000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y	J	J	6400	16000	26000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	6400	16000	49000	ug/m3	69.5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3100	8400	26000	ug/m3	187
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3400	8400	26000	ug/m3	34.7
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3400	8400	26000	ug/m3	1390
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			6900	17000	49000	ug/m3	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	14000	32000	49000	ug/m3	2430
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			4200	16000	26000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			6900	17000	49000	ug/m3	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3600	8400	25000	ug/m3	156
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3300	8400	49000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y	J	J	18000	41000	260000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y	J	J	11000	31000	49000	ug/m3	NS
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			59000	130000	260000	ug/m3	1080000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3500	8400	26000	ug/m3	40.7
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			3800	8400	26000	ug/m3	120
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	4200	16000	26000	ug/m3	520
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3300	16000	26000	ug/m3	348000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	2800	8400	26000	ug/m3	55.9
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	7400	16000	26000	ug/m3	20900
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	7900	27000	49000	ug/m3	24300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	5400	16000	26000	ug/m3	851
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3800	8400	26000	ug/m3	25.3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3800	16000	27000	ug/m3	585
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3800	16000	27000	ug/m3	585
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	4000	16000	25000	ug/m3	24300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	4300	16000	26000	ug/m3	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3700	8400	26000	ug/m3	1040000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			5400	16000	49000	ug/m3	174000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	3500	8400	25000	ug/m3	69.5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	N	U	U	6400	15000	26000	ug/m3	27.5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			3800	8400	26000	ug/m3	3480
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Y			3600	8400	26000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			2900	6600	20000	ug/m3	374
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3300	12000	20000	ug/m3	34800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y	J	J	2400	6600	20000	ug/m3	1.56
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3400	12000	20000	ug/m3	31.2
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2300	6600	20000	ug/m3	36
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y	J	J	2800	6600	39000	ug/m3	104000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			3000	6600	21000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			2500	6600	20000	ug/m3	174000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2600	6600	39000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			4300	12000	20000	ug/m3	24300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			5800	13000	39000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y	J	J	5000	12000	20000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	5000	12000	39000	ug/m3	69.5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2400	6600	20000	ug/m3	187
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2700	6600	20000	ug/m3	34.7
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2700	6600	20000	ug/m3	1390
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			5400	13000	39000	ug/m3	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	11000	25000	39000	ug/m3	2430
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			5400	13000	39000	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lir	reporting_detection_lir	quantitation_lir	detection_limit_unit	Project Screening L
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2900	6600	20000	ug/m3	156
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2600	6600	39000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	14000	32000	210000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y	J	J	8500	24000	39000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			47000	100000	200000	ug/m3	1080000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2800	6600	21000	ug/m3	40.7
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			3000	6600	20000	ug/m3	120
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3300	12000	20000	ug/m3	520
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2600	12000	20000	ug/m3	348000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2200	6600	21000	ug/m3	55.9
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	5800	12000	20000	ug/m3	20900
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	6200	21000	39000	ug/m3	24300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	4300	12000	21000	ug/m3	851
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3000	6600	20000	ug/m3	25.3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3000	13000	21000	ug/m3	585
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3100	12000	20000	ug/m3	24300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	3400	12000	20000	ug/m3	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2900	6600	21000	ug/m3	1040000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			4300	12000	39000	ug/m3	174000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	2800	6600	20000	ug/m3	69.5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	N	U	U	5000	12000	20000	ug/m3	27.5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			3000	6600	21000	ug/m3	3480
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y			2900	6600	20000	ug/m3	NS
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Y		D	6600	25000	40000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			3200	7100	22000	ug/m3	374
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3600	13000	22000	ug/m3	34800
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2600	7100	22000	ug/m3	1.56
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3700	13000	22000	ug/m3	31.2
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2500	7100	22000	ug/m3	36
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y	J	J	3100	7100	42000	ug/m3	104000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y	J	J	3200	7100	22000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			2700	7100	22000	ug/m3	174000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2800	7100	42000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			6300	14000	42000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y	J	J	5500	13000	22000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	5500	13000	42000	ug/m3	69.5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2600	7100	22000	ug/m3	187
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2900	7100	22000	ug/m3	34.7
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2900	7100	22000	ug/m3	1390
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			5900	14000	42000	ug/m3	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	12000	27000	42000	ug/m3	2430
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			5900	14000	42000	ug/m3	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3100	7100	21000	ug/m3	156
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2800	7100	42000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y	J	J	16000	35000	220000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			9200	26000	42000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			50000	110000	220000	ug/m3	1080000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3000	7100	22000	ug/m3	40.7
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			3200	7100	22000	ug/m3	120
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3600	13000	22000	ug/m3	520
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2800	13000	22000	ug/m3	348000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	2400	7100	22000	ug/m3	55.9
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	6300	13000	22000	ug/m3	20900
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y	J	J	6700	23000	42000	ug/m3	24300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	4600	13000	22000	ug/m3	851

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3200	7100	22000	ug/m3	25.3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3300	14000	23000	ug/m3	585
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3400	13000	21000	ug/m3	24300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3700	13000	22000	ug/m3	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3200	7100	22000	ug/m3	1040000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			4600	13000	42000	ug/m3	174000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	3000	7100	21000	ug/m3	69.5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	N	U	U	5500	13000	22000	ug/m3	27.5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y			3200	7100	22000	ug/m3	3480
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y	J	J	3100	7100	22000	ug/m3	NS
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y		D	9200	27000	44000	ug/m3	24300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Y		D	7100	27000	44000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			6000	14000	42000	ug/m3	374
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	6900	26000	42000	ug/m3	34800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5000	14000	42000	ug/m3	1.56
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	7000	26000	42000	ug/m3	31.2
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	4700	14000	42000	ug/m3	36
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5800	14000	80000	ug/m3	104000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y	J	J	6200	14000	42000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			5200	14000	42000	ug/m3	174000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5400	14000	80000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			8800	26000	42000	ug/m3	24300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			12000	27000	80000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	10000	26000	42000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	10000	26000	80000	ug/m3	69.5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5000	14000	42000	ug/m3	187
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5600	14000	42000	ug/m3	34.7
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5500	14000	42000	ug/m3	1390
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5500	14000	42000	ug/m3	1390
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			11000	27000	80000	ug/m3	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	22000	52000	80000	ug/m3	2430
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			6800	26000	42000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			11000	27000	80000	ug/m3	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5900	14000	41000	ug/m3	156
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5300	14000	80000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y	J	J	30000	66000	420000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y	J	J	18000	50000	80000	ug/m3	NS
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			96000	220000	420000	ug/m3	1080000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5700	14000	42000	ug/m3	40.7
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			6200	14000	42000	ug/m3	120
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	6900	26000	42000	ug/m3	520
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5300	26000	42000	ug/m3	348000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	4600	14000	42000	ug/m3	55.9
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	12000	26000	42000	ug/m3	20900
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	13000	43000	80000	ug/m3	24300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	8800	26000	42000	ug/m3	851
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	6200	14000	42000	ug/m3	25.3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	6200	26000	43000	ug/m3	585
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	6500	26000	41000	ug/m3	24300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	7000	26000	42000	ug/m3	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	6100	14000	42000	ug/m3	1040000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			8800	26000	80000	ug/m3	174000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	5800	14000	41000	ug/m3	69.5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	N	U	U	10000	25000	42000	ug/m3	27.5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y			6200	14000	42000	ug/m3	3480
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Y	J	J	5900	14000	42000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			48	110	330	ug/m3	374
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	55	210	330	ug/m3	34800
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	40	110	330	ug/m3	1.56
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	57	210	330	ug/m3	31.2
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	38	110	330	ug/m3	36
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	47	110	640	ug/m3	104000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			50	110	340	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			42	110	330	ug/m3	174000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	43	110	640	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			71	210	330	ug/m3	24300
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			97	220	640	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			84	210	330	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	84	210	640	ug/m3	69.5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	41	110	330	ug/m3	187
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	45	110	330	ug/m3	34.7
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	44	110	330	ug/m3	1390
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			90	220	640	ug/m3	3480
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	180	420	640	ug/m3	2430
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			90	220	640	ug/m3	3480
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	48	110	330	ug/m3	156
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	42	110	640	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y	J	J	240	530	3400	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			140	410	640	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			770	1700	3300	ug/m3	1080000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	46	110	340	ug/m3	40.7
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			50	110	330	ug/m3	120
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	55	210	330	ug/m3	520
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	42	210	330	ug/m3	348000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	55	210	330	ug/m3	520
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	42	210	330	ug/m3	348000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	37	110	340	ug/m3	55.9
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	97	210	330	ug/m3	20900
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	100	350	640	ug/m3	24300
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	71	210	340	ug/m3	851
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	50	110	330	ug/m3	25.3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	50	210	350	ug/m3	585
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	52	210	330	ug/m3	24300
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	56	210	330	ug/m3	3480
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	49	110	340	ug/m3	1040000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			71	210	640	ug/m3	174000
KAFB-106V2-160	SV2-160-212	4/20/2021	N	N	U	U	46	110	330	ug/m3	69.5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			84	200	330	ug/m3	27.5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			50	110	340	ug/m3	3480
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y			48	110	330	ug/m3	NS
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Y		D	160	620	1000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			3400	7700	24000	ug/m3	374
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3900	14000	24000	ug/m3	34800
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	2800	7700	24000	ug/m3	1.56
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	4000	14000	24000	ug/m3	31.2
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	2700	7700	24000	ug/m3	36
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3300	7700	45000	ug/m3	104000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y	J	J	3500	7700	24000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			2900	7700	24000	ug/m3	174000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3000	7700	45000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			5000	14000	24000	ug/m3	24300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			6800	15000	45000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	5900	14000	24000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	5900	14000	45000	ug/m3	69.5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	2900	7700	24000	ug/m3	187
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3200	7700	24000	ug/m3	34.7
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3100	7700	24000	ug/m3	1390
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			6300	15000	45000	ug/m3	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	13000	29000	45000	ug/m3	2430
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			3800	14000	24000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			6300	15000	45000	ug/m3	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3300	7700	23000	ug/m3	156
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3000	7700	45000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y	J	J	17000	38000	240000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			10000	29000	45000	ug/m3	NS
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			54000	120000	240000	ug/m3	1080000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3200	7700	24000	ug/m3	40.7
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			3500	7700	24000	ug/m3	120
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3900	14000	24000	ug/m3	520
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3000	14000	24000	ug/m3	348000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	2600	7700	24000	ug/m3	55.9
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	6800	14000	24000	ug/m3	20900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	7200	24000	45000	ug/m3	24300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	5000	14000	24000	ug/m3	851
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3500	7700	24000	ug/m3	25.3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3500	15000	24000	ug/m3	585
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3700	14000	23000	ug/m3	24300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3900	14000	24000	ug/m3	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3400	7700	24000	ug/m3	1040000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y	J	J	5000	14000	45000	ug/m3	174000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3300	7700	23000	ug/m3	69.5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y	J	J	5000	14000	45000	ug/m3	174000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	3300	7700	23000	ug/m3	69.5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	N	U	U	5900	14000	24000	ug/m3	27.5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			3500	7700	24000	ug/m3	3480
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Y			3300	7700	24000	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			350	790	2400	ug/m3	374
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	400	1500	2400	ug/m3	34800
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	290	790	2400	ug/m3	1.56
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	410	1500	2400	ug/m3	31.2
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	270	790	2400	ug/m3	36
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	340	790	4600	ug/m3	104000
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			360	790	2500	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	310	790	4600	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y	J	J	510	1500	2400	ug/m3	24300
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			700	1600	4600	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y	J	J	600	1500	2400	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	600	1500	4600	ug/m3	69.5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	290	790	2400	ug/m3	187
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	320	790	2400	ug/m3	34.7
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	320	790	2400	ug/m3	1390
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			650	1600	4600	ug/m3	3480
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	1300	3000	4600	ug/m3	2430
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			390	1500	2400	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			650	1600	4600	ug/m3	3480
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	340	790	2400	ug/m3	156
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	310	790	4600	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	1700	3800	25000	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			1000	2900	4600	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			5600	13000	24000	ug/m3	1080000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	330	790	2500	ug/m3	40.7
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y	J	J	360	790	2400	ug/m3	120
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	400	1500	2400	ug/m3	520
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	310	1500	2400	ug/m3	348000
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	260	790	2500	ug/m3	55.9
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	700	1500	2400	ug/m3	20900
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	740	2500	4600	ug/m3	24300
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	510	1500	2500	ug/m3	851
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	360	790	2400	ug/m3	25.3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	360	1500	2500	ug/m3	585
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	380	1500	2400	ug/m3	24300
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	400	1500	2400	ug/m3	3480
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	350	790	2500	ug/m3	1040000
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y	J	J	510	1500	4600	ug/m3	174000
KAFB-106V2-252	SV2-252-212	4/20/2021	N	N	U	U	330	790	2400	ug/m3	69.5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y	J	J	600	1400	2400	ug/m3	27.5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			360	790	2500	ug/m3	3480
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y			340	790	2400	ug/m3	NS
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Y		D	900	2400	7200	ug/m3	174000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			630	1400	4400	ug/m3	374
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	720	2700	4400	ug/m3	34800
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	520	1400	4400	ug/m3	1.56
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	740	2700	4400	ug/m3	31.2
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	500	1400	4400	ug/m3	36
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y	J	J	610	1400	8400	ug/m3	104000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			650	1400	4500	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	560	1400	8400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			920	2700	4400	ug/m3	24300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	560	1400	8400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			920	2700	4400	ug/m3	24300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			1300	2900	8400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y	J	J	1100	2700	4400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	1100	2700	8400	ug/m3	69.5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	530	1400	4400	ug/m3	187
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	590	1400	4400	ug/m3	34.7
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	580	1400	4400	ug/m3	1390
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			1200	2900	8400	ug/m3	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	2400	5500	8400	ug/m3	2430
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			710	2700	4400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			1200	2900	8400	ug/m3	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	620	1400	4300	ug/m3	156
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	550	1400	8400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	3100	7000	45000	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			1800	5300	8400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			10000	23000	44000	ug/m3	1080000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	600	1400	4500	ug/m3	40.7
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			650	1400	4400	ug/m3	120
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	720	2700	4400	ug/m3	520
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	550	2700	4400	ug/m3	348000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	480	1400	4500	ug/m3	55.9
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	1300	2700	4400	ug/m3	20900
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	1300	4500	8400	ug/m3	24300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	920	2700	4500	ug/m3	851
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	650	1400	4400	ug/m3	25.3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	660	2800	4500	ug/m3	585
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	680	2700	4300	ug/m3	24300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	730	2700	4400	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	640	1400	4500	ug/m3	1040000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			920	2700	8400	ug/m3	174000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	N	U	U	600	1400	4300	ug/m3	69.5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y	J	J	1100	2600	4400	ug/m3	27.5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			650	1400	4500	ug/m3	3480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y			620	1400	4400	ug/m3	NS
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Y		D	1400	3600	11000	ug/m3	174000
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.1	2.4	7.4	ug/m3	374
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.2	4.6	7.4	ug/m3	34800
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.88	2.4	7.4	ug/m3	1.56
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.3	4.6	7.4	ug/m3	31.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.84	2.4	7.4	ug/m3	36
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1	2.4	14	ug/m3	104000
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.1	2.4	7.5	ug/m3	NS
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			0.93	2.4	7.4	ug/m3	174000
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.95	2.4	14	ug/m3	NS
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.6	4.6	7.4	ug/m3	24300
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			2.1	4.8	14	ug/m3	NS
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.9	4.6	7.4	ug/m3	NS
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.9	4.6	14	ug/m3	69.5
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.9	2.4	7.4	ug/m3	187
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1	2.4	7.4	ug/m3	34.7
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.98	2.4	7.4	ug/m3	1390
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			2	4.8	14	ug/m3	3480
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	4	9.3	14	ug/m3	2430
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.2	4.6	7.4	ug/m3	NS
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			2	4.8	14	ug/m3	3480
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y	J	J	1.1	2.4	7.3	ug/m3	156
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			3.1	9	14	ug/m3	NS
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			17	38	74	ug/m3	1080000
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1	2.4	7.5	ug/m3	40.7
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.1	2.4	7.4	ug/m3	120
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y	J	J	1.2	4.6	7.4	ug/m3	520
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.94	4.6	7.4	ug/m3	348000
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	0.81	2.4	7.5	ug/m3	55.9
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	2.1	4.6	7.4	ug/m3	20900
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	2.3	7.7	14	ug/m3	24300
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.6	4.6	7.5	ug/m3	851
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.1	2.4	7.4	ug/m3	25.3
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.1	4.7	7.7	ug/m3	585
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.2	4.6	7.3	ug/m3	24300
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y	J	J	1.2	4.6	7.4	ug/m3	3480
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1.1	2.4	7.5	ug/m3	1040000
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.6	4.6	14	ug/m3	174000
SVEW-01-260	SVE01-260-212	4/20/2021	N	N	U	U	1	2.4	7.3	ug/m3	69.5
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.9	4.4	7.4	ug/m3	27.5
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.1	2.4	7.5	ug/m3	3480
SVEW-01-260	SVE01-260-212	4/20/2021	N	Y			1.1	2.4	7.4	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			270	610	1900	ug/m3	374
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y	J	J	310	1100	1900	ug/m3	34800
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	220	610	1900	ug/m3	1.56
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	320	1100	1900	ug/m3	31.2
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	210	610	1900	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y	J	J	260	610	3600	ug/m3	104000
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			280	610	1900	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	240	610	3600	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			540	1200	3600	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			470	1100	1900	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	470	1100	3600	ug/m3	69.5
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	230	610	1900	ug/m3	187
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	250	610	1900	ug/m3	34.7
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y	J	J	250	610	1900	ug/m3	1390
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			500	1200	3600	ug/m3	3480
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	1000	2300	3600	ug/m3	2430
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			500	1200	3600	ug/m3	3480
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	260	610	1800	ug/m3	156
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	240	610	3600	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y	J	J	1300	3000	19000	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y	J	J	790	2300	3600	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			4300	9700	19000	ug/m3	1080000
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	250	610	1900	ug/m3	40.7
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			280	610	1900	ug/m3	120
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	310	1100	1900	ug/m3	520
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	240	1100	1900	ug/m3	348000
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	200	610	1900	ug/m3	55.9
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	540	1100	1900	ug/m3	20900
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			570	1900	3600	ug/m3	24300
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	390	1100	1900	ug/m3	851
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	280	610	1900	ug/m3	25.3
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	280	1200	1900	ug/m3	585
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	290	1100	1800	ug/m3	24300
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	310	1100	1900	ug/m3	3480
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	270	610	1900	ug/m3	1040000
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			390	1100	3600	ug/m3	174000
SVEW-02-060	SVE02-060-212	4/20/2021	N	N	U	U	260	610	1800	ug/m3	69.5
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y	J	J	470	1100	1900	ug/m3	27.5
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			280	610	1900	ug/m3	3480
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y			260	610	1900	ug/m3	NS
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y		D	1200	3000	9300	ug/m3	174000
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y		D	2000	5700	9300	ug/m3	24300
SVEW-02-060	SVE02-060-212	4/20/2021	N	Y		D	1500	5700	9300	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			24	55	170	ug/m3	374
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y	J	J	28	100	170	ug/m3	34800
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	20	55	170	ug/m3	1.56
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	28	100	170	ug/m3	31.2
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	19	55	170	ug/m3	36
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	23	55	320	ug/m3	104000
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			25	55	170	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			21	55	170	ug/m3	174000
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	22	55	320	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			35	100	170	ug/m3	24300
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			48	110	320	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y	J	J	42	100	170	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	42	100	320	ug/m3	69.5
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	20	55	170	ug/m3	187
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	23	55	170	ug/m3	34.7
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	22	55	170	ug/m3	1390
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			45	110	320	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	90	210	320	ug/m3	2430
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			27	100	170	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			45	110	320	ug/m3	3480
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	24	55	160	ug/m3	156
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	21	55	320	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y	J	J	120	270	1700	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			71	200	320	ug/m3	NS
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			390	870	1700	ug/m3	1080000
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	23	55	170	ug/m3	40.7
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			25	55	170	ug/m3	120
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	28	100	170	ug/m3	520
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	21	100	170	ug/m3	348000
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	18	55	170	ug/m3	55.9
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	48	100	170	ug/m3	20900
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	51	170	320	ug/m3	24300
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	35	100	170	ug/m3	851
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	25	55	170	ug/m3	25.3
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	25	110	170	ug/m3	585
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	26	100	160	ug/m3	24300
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	28	100	170	ug/m3	3480
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	24	55	170	ug/m3	1040000
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y	J	J	35	100	320	ug/m3	174000
SVEW-03-160	SVE03-160-212	4/20/2021	N	N	U	U	23	55	160	ug/m3	69.5
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			42	100	170	ug/m3	27.5
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			25	55	170	ug/m3	3480
SVEW-03-160	SVE03-160-212	4/20/2021	N	Y			24	55	170	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			20	45	140	ug/m3	374
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	23	84	140	ug/m3	34800
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	16	45	140	ug/m3	1.56
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	23	84	140	ug/m3	31.2
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	16	45	140	ug/m3	36
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	19	45	260	ug/m3	104000
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			20	45	140	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			17	45	140	ug/m3	174000
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	18	45	260	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			29	84	140	ug/m3	24300
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			39	89	260	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y	J	J	34	84	140	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	34	84	260	ug/m3	69.5
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	17	45	140	ug/m3	187
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	18	45	140	ug/m3	34.7
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	18	45	140	ug/m3	1390
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			37	89	260	ug/m3	3480
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	74	170	260	ug/m3	2430
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			22	84	140	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			37	89	260	ug/m3	3480
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	19	45	130	ug/m3	156
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	17	45	260	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	97	220	1400	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	58	170	260	ug/m3	NS
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	320	710	1400	ug/m3	1080000
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	19	45	140	ug/m3	40.7
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			20	45	140	ug/m3	120
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	23	84	140	ug/m3	520
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y	J	J	17	84	140	ug/m3	348000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	15	45	140	ug/m3	55.9
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	39	84	140	ug/m3	20900
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	42	140	260	ug/m3	24300
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	29	84	140	ug/m3	851
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	20	45	140	ug/m3	25.3
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	21	87	140	ug/m3	585
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	21	84	130	ug/m3	24300
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	23	84	140	ug/m3	3480
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	20	45	140	ug/m3	1040000
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y	J	J	29	84	260	ug/m3	174000
SVEW-04-313	SVE04-313-212	4/20/2021	N	N	U	U	19	45	130	ug/m3	69.5
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			34	81	140	ug/m3	27.5
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			20	45	140	ug/m3	3480
SVEW-04-313	SVE04-313-212	4/20/2021	N	Y			19	45	140	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			14	32	99	ug/m3	374
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	16	61	99	ug/m3	34800
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	12	32	99	ug/m3	1.56
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	17	61	99	ug/m3	31.2
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	11	32	99	ug/m3	36
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	14	32	190	ug/m3	104000
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			15	32	100	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			12	32	99	ug/m3	174000
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	13	32	190	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			21	61	99	ug/m3	24300
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			29	65	190	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y	J	J	25	61	99	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	25	61	190	ug/m3	69.5
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	12	32	99	ug/m3	187
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	25	61	190	ug/m3	69.5
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	12	32	99	ug/m3	187
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	13	32	99	ug/m3	34.7
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	13	32	99	ug/m3	1390
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			27	65	190	ug/m3	3480
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	53	120	190	ug/m3	2430
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			16	61	99	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			27	65	190	ug/m3	3480
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	14	32	97	ug/m3	156
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	13	32	190	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	70	160	1000	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	42	120	190	ug/m3	NS
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	230	510	990	ug/m3	1080000
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	13	32	100	ug/m3	40.7
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			15	32	99	ug/m3	120
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	16	61	99	ug/m3	520
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y	J	J	13	61	99	ug/m3	348000
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	11	32	100	ug/m3	55.9
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	29	61	99	ug/m3	20900
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	30	100	190	ug/m3	24300
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	21	61	100	ug/m3	851
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	15	32	99	ug/m3	25.3
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	15	63	100	ug/m3	585
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	15	61	97	ug/m3	24300
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	17	61	99	ug/m3	3480
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y	J	J	14	32	100	ug/m3	1040000
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y	J	J	21	61	190	ug/m3	174000
SVEW-05-460	SVE05-460-212	4/20/2021	N	N	U	U	14	32	97	ug/m3	69.5
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			25	59	99	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			15	32	100	ug/m3	3480
SVEW-05-460	SVE05-460-212	4/20/2021	N	Y			14	32	99	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			1.9	4.4	13	ug/m3	374
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	2.2	8.2	13	ug/m3	34800
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.6	4.4	13	ug/m3	1.56
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	2.3	8.2	13	ug/m3	31.2
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.5	4.4	13	ug/m3	36
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.9	4.4	26	ug/m3	104000
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	2	4.4	14	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			1.7	4.4	13	ug/m3	174000
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			1.7	4.4	26	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			2.8	8.2	13	ug/m3	24300
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			3.9	8.7	26	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	3.3	8.2	13	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	3.3	8.2	26	ug/m3	69.5
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.6	4.4	13	ug/m3	187
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.8	4.4	13	ug/m3	34.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	1.8	4.4	13	ug/m3	1390
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			3.6	8.7	26	ug/m3	3480
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	7.2	17	26	ug/m3	2430
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			2.2	8.2	13	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			3.6	8.7	26	ug/m3	3480
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	1.9	4.4	13	ug/m3	156
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.7	4.4	26	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	9.5	21	140	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	5.7	16	26	ug/m3	NS
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	31	69	130	ug/m3	1080000
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	1.8	4.4	14	ug/m3	40.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			2	4.4	13	ug/m3	120
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			2.2	8.2	13	ug/m3	520
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	1.7	8.2	13	ug/m3	348000
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	1.5	4.4	14	ug/m3	55.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	3.9	8.2	13	ug/m3	20900
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			4.1	14	26	ug/m3	24300
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	2.8	8.2	14	ug/m3	851
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	2	4.4	13	ug/m3	25.3
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	2	8.5	14	ug/m3	585
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	2.1	8.2	13	ug/m3	24300
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	2.2	8.2	13	ug/m3	3480
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			2	4.4	14	ug/m3	1040000
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	2.8	8.2	26	ug/m3	174000
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			1.9	4.4	13	ug/m3	69.5
SVEW-10-410	SVE10-410-212	4/19/2021	N	N	U	U	3.3	8	13	ug/m3	27.5
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y			2	4.4	14	ug/m3	3480
SVEW-10-410	SVE10-410-212	4/19/2021	N	Y	J	J	1.9	4.4	13	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.1	4.9	15	ug/m3	374
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2.5	9.1	15	ug/m3	34800
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	1.8	4.9	15	ug/m3	1.56
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2.5	9.1	15	ug/m3	31.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	1.7	4.9	15	ug/m3	36
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2.1	4.9	29	ug/m3	104000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2.2	4.9	15	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			1.9	4.9	15	ug/m3	174000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			1.9	4.9	29	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			3.1	9.1	15	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	4.3	9.7	29	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	3.7	9.1	15	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	3.7	9.1	29	ug/m3	69.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	1.8	4.9	15	ug/m3	187
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2	4.9	15	ug/m3	34.7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2	4.9	15	ug/m3	1390
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			4	9.7	29	ug/m3	3480
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	8	19	29	ug/m3	2430
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.4	9.1	15	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			4	9.7	29	ug/m3	3480
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2.1	4.9	15	ug/m3	156
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	1.9	4.9	29	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	11	24	150	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	6.3	18	29	ug/m3	NS
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	34	77	150	ug/m3	1080000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2	4.9	15	ug/m3	40.7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.2	4.9	15	ug/m3	120
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.5	9.1	15	ug/m3	520
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	1.9	9.1	15	ug/m3	348000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	1.6	4.9	15	ug/m3	55.9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	4.3	9.1	15	ug/m3	20900
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			4.6	15	29	ug/m3	24300
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	3.1	9.1	15	ug/m3	851
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2.2	4.9	15	ug/m3	25.3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2.2	9.4	15	ug/m3	585
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	2.3	9.1	15	ug/m3	24300
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2.5	9.1	15	ug/m3	3480
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.2	4.9	15	ug/m3	1040000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2.5	9.1	15	ug/m3	3480
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.2	4.9	15	ug/m3	1040000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	3.1	9.1	29	ug/m3	174000
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.1	4.9	15	ug/m3	69.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	N	U	U	3.7	8.9	15	ug/m3	27.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y			2.2	4.9	15	ug/m3	3480
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Y	J	J	2.1	4.9	15	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			13	29	89	ug/m3	374
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	15	55	89	ug/m3	34800
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	11	29	89	ug/m3	1.56
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	15	55	89	ug/m3	31.2
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	10	29	89	ug/m3	36
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	13	29	170	ug/m3	104000
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			13	29	91	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			11	29	89	ug/m3	174000
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y	J	J	12	29	170	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			19	55	89	ug/m3	24300
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			26	58	170	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			22	55	89	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	22	55	170	ug/m3	69.5
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	11	29	89	ug/m3	187
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	12	29	89	ug/m3	34.7
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	12	29	89	ug/m3	1390
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			24	58	170	ug/m3	3480
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	48	110	170	ug/m3	2430
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			15	55	89	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			24	58	170	ug/m3	3480
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	13	29	88	ug/m3	156
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	11	29	170	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	64	140	910	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	38	110	170	ug/m3	NS
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	210	460	890	ug/m3	1080000
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	12	29	91	ug/m3	40.7
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			13	29	89	ug/m3	120
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	15	55	89	ug/m3	520
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	11	55	89	ug/m3	348000
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	9.8	29	91	ug/m3	55.9
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	26	55	89	ug/m3	20900
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	28	93	170	ug/m3	24300
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	19	55	91	ug/m3	851
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	13	29	89	ug/m3	25.3
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	13	57	93	ug/m3	585
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	14	55	88	ug/m3	24300
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	15	55	89	ug/m3	3480
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	13	29	91	ug/m3	1040000
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	19	55	170	ug/m3	174000
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	12	29	88	ug/m3	69.5
SVEW-11-410	SVE11-410-212	4/20/2021	N	N	U	U	22	53	89	ug/m3	27.5
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			13	29	91	ug/m3	3480
SVEW-11-410	SVE11-410-212	4/20/2021	N	Y			13	29	89	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			14	32	98	ug/m3	374
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	16	60	98	ug/m3	34800
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	12	32	98	ug/m3	1.56
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	17	60	98	ug/m3	31.2
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	11	32	98	ug/m3	36
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	14	32	190	ug/m3	104000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			15	32	100	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	14	32	190	ug/m3	104000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			15	32	100	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			12	32	98	ug/m3	174000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	13	32	190	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			21	60	98	ug/m3	24300
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			28	64	190	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			25	60	98	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	25	60	190	ug/m3	69.5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	12	32	98	ug/m3	187
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	13	32	98	ug/m3	34.7
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	13	32	98	ug/m3	1390
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			26	64	190	ug/m3	3480
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y	J	J	53	120	190	ug/m3	2430
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			16	60	98	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			26	64	190	ug/m3	3480
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	14	32	96	ug/m3	156
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	12	32	190	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	70	160	1000	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	42	120	190	ug/m3	NS
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	230	510	980	ug/m3	1080000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	13	32	100	ug/m3	40.7
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			15	32	98	ug/m3	120
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	16	60	98	ug/m3	520
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	12	60	98	ug/m3	348000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	11	32	100	ug/m3	55.9
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	28	60	98	ug/m3	20900
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	30	100	190	ug/m3	24300
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	21	60	100	ug/m3	851
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	15	32	98	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	15	62	100	ug/m3	585
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	15	60	96	ug/m3	24300
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	16	60	98	ug/m3	3480
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	14	32	100	ug/m3	1040000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	21	60	190	ug/m3	174000
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	14	32	96	ug/m3	69.5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	N	U	U	25	59	98	ug/m3	27.5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			15	32	100	ug/m3	3480
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Y			14	32	98	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			260	600	1800	ug/m3	374
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	300	1100	1800	ug/m3	34800
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	220	600	1800	ug/m3	1.56
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	310	1100	1800	ug/m3	31.2
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	210	600	1800	ug/m3	36
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	260	600	3500	ug/m3	104000
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			270	600	1900	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			230	600	1800	ug/m3	174000
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	240	600	3500	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			390	1100	1800	ug/m3	24300
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			530	1200	3500	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	460	1100	1800	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	460	1100	3500	ug/m3	69.5
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	220	600	1800	ug/m3	187
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	250	600	1800	ug/m3	34.7
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	240	600	1800	ug/m3	1390
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			490	1200	3500	ug/m3	3480
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	990	2300	3500	ug/m3	2430
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			300	1100	1800	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			490	1200	3500	ug/m3	3480
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	260	600	1800	ug/m3	156
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	230	600	3500	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	1300	2900	19000	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	770	2200	3500	ug/m3	NS
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	4200	9500	18000	ug/m3	1080000
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	250	600	1900	ug/m3	40.7
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			270	600	1800	ug/m3	120
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	300	1100	1800	ug/m3	520
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	230	1100	1800	ug/m3	348000
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	200	600	1900	ug/m3	55.9
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	530	1100	1800	ug/m3	20900
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	560	1900	3500	ug/m3	24300
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	390	1100	1900	ug/m3	851
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	270	600	1800	ug/m3	25.3
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	270	1200	1900	ug/m3	585
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	290	1100	1800	ug/m3	24300
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	310	1100	1800	ug/m3	3480
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	270	600	1900	ug/m3	1040000
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	390	1100	3500	ug/m3	174000
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	250	600	1800	ug/m3	69.5
SVEW-13-410	SVE13-410-212	4/19/2021	N	N	U	U	460	1100	1800	ug/m3	27.5
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			270	600	1900	ug/m3	3480
SVEW-13-410	SVE13-410-212	4/19/2021	N	Y			260	600	1800	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	280	630	1900	ug/m3	374
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	320	1200	1900	ug/m3	34800
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	230	630	1900	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	330	1200	1900	ug/m3	31.2
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	220	630	1900	ug/m3	36
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	270	630	3700	ug/m3	104000
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	290	630	2000	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	240	630	1900	ug/m3	174000
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	250	630	3700	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	Y			410	1200	1900	ug/m3	24300
SVMW-03-050	SV03-050-212	4/5/2021	N	Y			560	1300	3700	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	490	1200	1900	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	490	1200	3700	ug/m3	69.5
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	240	630	1900	ug/m3	187
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	260	630	1900	ug/m3	34.7
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	260	630	1900	ug/m3	1390
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	520	1300	3700	ug/m3	3480
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	1000	2400	3700	ug/m3	2430
SVMW-03-050	SV03-050-212	4/5/2021	N	Y			320	1200	1900	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	520	1300	3700	ug/m3	3480
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	280	630	1900	ug/m3	156
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	250	630	3700	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	1400	3100	20000	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	820	2400	3700	ug/m3	NS
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	4500	10000	19000	ug/m3	1080000
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	270	630	2000	ug/m3	40.7
SVMW-03-050	SV03-050-212	4/5/2021	N	Y			290	630	1900	ug/m3	120
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	320	1200	1900	ug/m3	520
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	250	1200	1900	ug/m3	348000
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	210	630	2000	ug/m3	55.9
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	560	1200	1900	ug/m3	20900
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	600	2000	3700	ug/m3	24300
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	410	1200	2000	ug/m3	851
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	290	630	1900	ug/m3	25.3
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	290	1200	2000	ug/m3	585
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	300	1200	1900	ug/m3	24300
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	320	1200	1900	ug/m3	3480
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	280	630	2000	ug/m3	1040000
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	410	1200	3700	ug/m3	174000
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	270	630	1900	ug/m3	69.5
SVMW-03-050	SV03-050-212	4/5/2021	N	N	U	U	490	1200	1900	ug/m3	27.5
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	290	630	2000	ug/m3	3480
SVMW-03-050	SV03-050-212	4/5/2021	N	Y	J	J	280	630	1900	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	374
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.33	0.78	4.6	ug/m3	104000
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.3	0.78	2.4	ug/m3	174000
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	24300
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.59	1.5	2.4	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.29	0.78	2.4	ug/m3	187
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	1390
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	1.3	3	4.6	ug/m3	2430
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	1	2.9	4.6	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.32	0.78	2.4	ug/m3	40.7
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J		0.73	2.5	4.6	ug/m3	24300
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	25.3
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.5	1.5	4.6	ug/m3	174000
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y			0.33	0.78	2.3	ug/m3	69.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.59	1.4	2.4	ug/m3	27.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	3480
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	NS
KAFB-106138-150	SV138-150-212	4/6/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	3480
KAFB-106138-150	SV138-150-212	4/6/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.47	1.1	3.3	ug/m3	374
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.54	2	3.3	ug/m3	34800
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.39	1.1	3.3	ug/m3	1.56
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.55	2	3.3	ug/m3	31.2
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.37	1.1	3.3	ug/m3	36
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.46	1.1	6.3	ug/m3	104000
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.49	1.1	3.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J		0.41	1.1	3.3	ug/m3	174000
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.42	1.1	6.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.69	2	3.3	ug/m3	24300
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.95	2.1	6.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.82	2	3.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.82	2	6.3	ug/m3	69.5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.4	1.1	3.3	ug/m3	187
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.44	1.1	3.3	ug/m3	34.7
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.43	1.1	3.3	ug/m3	1390
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.88	2.1	6.3	ug/m3	3480
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	1.8	4.1	6.3	ug/m3	2430
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.54	2	3.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.88	2.1	6.3	ug/m3	3480
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.47	1.1	3.2	ug/m3	156
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.42	1.1	6.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	2.3	5.2	33	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	1.4	4	6.3	ug/m3	NS
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			7.6	17	33	ug/m3	1080000
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.45	1.1	3.3	ug/m3	40.7
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.49	1.1	3.3	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.54	2	3.3	ug/m3	520
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.42	2	3.3	ug/m3	348000
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.36	1.1	3.3	ug/m3	55.9
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.95	2	3.3	ug/m3	20900
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J		1	3.4	6.3	ug/m3	24300
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.69	2	3.3	ug/m3	851
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.49	1.1	3.3	ug/m3	25.3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	N	U	U	0.49	2.1	3.4	ug/m3	585
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.51	2	3.2	ug/m3	24300
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.55	2	3.3	ug/m3	3480
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.48	1.1	3.3	ug/m3	1040000
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.69	2	6.3	ug/m3	174000
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.45	1.1	3.2	ug/m3	69.5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.82	2	3.3	ug/m3	27.5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y	J	J	0.49	1.1	3.3	ug/m3	3480
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Y			0.47	1.1	3.3	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	374
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.37	0.86	5.1	ug/m3	104000
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.33	0.86	2.6	ug/m3	174000
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.34	0.86	5.1	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.56	1.6	2.6	ug/m3	24300
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.66	1.6	2.6	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.66	1.6	2.6	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.35	0.86	2.6	ug/m3	34.7
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.35	0.86	2.6	ug/m3	1390
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J		1.4	3.3	5.1	ug/m3	2430
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.43	1.6	2.6	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.37	0.86	2.6	ug/m3	156
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.33	0.86	5.1	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			1.9	4.2	27	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			1.1	3.2	5.1	ug/m3	NS
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			6.1	14	26	ug/m3	1080000
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.36	0.86	2.7	ug/m3	40.7
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	120
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.76	1.6	2.6	ug/m3	20900
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.81	2.7	5.1	ug/m3	24300
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.39	0.86	2.6	ug/m3	25.3
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.44	1.6	2.6	ug/m3	3480
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.38	0.86	2.7	ug/m3	1040000
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.56	1.6	5.1	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y			0.36	0.86	2.6	ug/m3	69.5
KAFB-106138-250	SV138-250-212	4/6/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	3480
KAFB-106138-250	SV138-250-212	4/6/2021	N	Y	J	J	0.37	0.86	2.6	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.42	0.96	2.9	ug/m3	374
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	34800
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.35	0.96	2.9	ug/m3	1.56
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.5	1.8	2.9	ug/m3	31.2
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.33	0.96	2.9	ug/m3	36
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.41	0.96	5.7	ug/m3	104000
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.44	0.96	3	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.37	0.96	2.9	ug/m3	174000
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.38	0.96	5.7	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.62	1.8	2.9	ug/m3	24300
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.85	1.9	5.7	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.73	1.8	2.9	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.73	1.8	5.7	ug/m3	69.5
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.36	0.96	2.9	ug/m3	187
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.4	0.96	2.9	ug/m3	34.7
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.39	0.96	2.9	ug/m3	1390
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.79	1.9	5.7	ug/m3	3480
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	1.6	3.7	5.7	ug/m3	2430
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.79	1.9	5.7	ug/m3	3480
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.42	0.96	2.9	ug/m3	156
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.37	0.96	5.7	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	2.1	4.7	30	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	1.2	3.6	5.7	ug/m3	NS
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	6.8	15	29	ug/m3	1080000
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.4	0.96	3	ug/m3	40.7
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.44	0.96	2.9	ug/m3	120
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	520
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.37	1.8	2.9	ug/m3	348000
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.32	0.96	3	ug/m3	55.9
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.85	1.8	2.9	ug/m3	20900
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.9	3.1	5.7	ug/m3	24300
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.62	1.8	3	ug/m3	851
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.44	0.96	2.9	ug/m3	25.3
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.44	1.9	3.1	ug/m3	585
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.46	1.8	2.9	ug/m3	24300
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.49	1.8	2.9	ug/m3	3480
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.43	0.96	3	ug/m3	1040000
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.62	1.8	5.7	ug/m3	174000
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y			0.41	0.96	2.9	ug/m3	69.5
KAFB-106138-350	SV138-350-212	4/6/2021	N	N	U	U	0.73	1.8	2.9	ug/m3	27.5
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.44	0.96	3	ug/m3	3480
KAFB-106138-350	SV138-350-212	4/6/2021	N	Y	J	J	0.42	0.96	2.9	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.42	0.96	2.9	ug/m3	374
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	34800
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.35	0.96	2.9	ug/m3	1.56
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.5	1.8	2.9	ug/m3	31.2
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.33	0.96	2.9	ug/m3	36
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.41	0.96	5.6	ug/m3	104000
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.43	0.96	3	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.37	0.96	2.9	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.38	0.96	5.6	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.62	1.8	2.9	ug/m3	24300
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.84	1.9	5.6	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.73	1.8	2.9	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.73	1.8	5.6	ug/m3	69.5
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.35	0.96	2.9	ug/m3	187
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y			0.39	0.96	2.9	ug/m3	34.7
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.39	0.96	2.9	ug/m3	1390
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.79	1.9	5.6	ug/m3	3480
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	1.6	3.7	5.6	ug/m3	2430
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.79	1.9	5.6	ug/m3	3480
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y			0.42	0.96	2.9	ug/m3	156
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.37	0.96	5.6	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	2.1	4.7	30	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	1.2	3.5	5.6	ug/m3	NS
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	6.8	15	29	ug/m3	1080000
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y			0.4	0.96	3	ug/m3	40.7
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.43	0.96	2.9	ug/m3	120
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	520
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.37	1.8	2.9	ug/m3	348000
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.32	0.96	3	ug/m3	55.9
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.84	1.8	2.9	ug/m3	20900
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y			0.9	3	5.6	ug/m3	24300
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.62	1.8	3	ug/m3	851
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y			0.43	0.96	2.9	ug/m3	25.3
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.44	1.9	3	ug/m3	585
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.46	1.8	2.9	ug/m3	24300
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.49	1.8	2.9	ug/m3	3480
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.43	0.96	3	ug/m3	1040000
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.62	1.8	5.6	ug/m3	174000
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.41	0.96	2.9	ug/m3	69.5
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.73	1.7	2.9	ug/m3	27.5
KAFB-106138-450	SV138-450-212	4/6/2021	N	N	U	U	0.43	0.96	3	ug/m3	3480
KAFB-106138-450	SV138-450-212	4/6/2021	N	Y	J	J	0.42	0.96	2.9	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.37	0.83	2.5	ug/m3	374
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.3	0.83	2.5	ug/m3	1.56
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.29	0.83	2.5	ug/m3	36
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.36	0.83	4.9	ug/m3	104000
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.38	0.83	2.6	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.32	0.83	2.5	ug/m3	174000
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.33	0.83	4.9	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.54	1.6	2.5	ug/m3	24300
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.73	1.7	4.9	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.63	1.6	2.5	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.63	1.6	4.9	ug/m3	69.5
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.31	0.83	2.5	ug/m3	187
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.34	0.83	2.5	ug/m3	34.7
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.34	0.83	2.5	ug/m3	1390
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.68	1.7	4.9	ug/m3	3480
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	1.4	3.2	4.9	ug/m3	2430
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.41	1.6	2.5	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.68	1.7	4.9	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	156
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.32	0.83	4.9	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	1.1	3.1	4.9	ug/m3	NS
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			5.9	13	25	ug/m3	1080000
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.35	0.83	2.6	ug/m3	40.7
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.38	0.83	2.5	ug/m3	120
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.42	1.6	2.5	ug/m3	520
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.32	1.6	2.5	ug/m3	348000
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.28	0.83	2.6	ug/m3	55.9
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.73	1.6	2.5	ug/m3	20900
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.78	2.6	4.9	ug/m3	24300
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.38	0.83	2.5	ug/m3	25.3
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.39	1.6	2.5	ug/m3	24300
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.42	1.6	2.5	ug/m3	3480
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.37	0.83	2.6	ug/m3	1040000
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.54	1.6	4.9	ug/m3	174000
KAFB-106141-025	SV141-025-212	4/6/2021	N	N	U	U	0.35	0.83	2.5	ug/m3	69.5
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.63	1.5	2.5	ug/m3	27.5
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y	J	J	0.38	0.83	2.6	ug/m3	3480
KAFB-106141-025	SV141-025-212	4/6/2021	N	Y			0.36	0.83	2.5	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.39	0.88	2.7	ug/m3	374
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	34800
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.32	0.88	2.7	ug/m3	1.56
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.46	1.7	2.7	ug/m3	31.2
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.31	0.88	2.7	ug/m3	36
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.38	0.88	5.2	ug/m3	104000
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.4	0.88	2.8	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.34	0.88	2.7	ug/m3	174000
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.35	0.88	5.2	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.57	1.7	2.7	ug/m3	24300
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.78	1.8	5.2	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.68	1.7	2.7	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.68	1.7	5.2	ug/m3	69.5
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.33	0.88	2.7	ug/m3	187
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.36	0.88	2.7	ug/m3	34.7
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.36	0.88	2.7	ug/m3	1390
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.73	1.8	5.2	ug/m3	3480
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	1.5	3.4	5.2	ug/m3	2430
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.44	1.7	2.7	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.73	1.8	5.2	ug/m3	3480
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.38	0.88	2.7	ug/m3	156
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.34	0.88	5.2	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	1.9	4.3	28	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	1.1	3.3	5.2	ug/m3	NS
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	6.2	14	27	ug/m3	1080000
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y			0.37	0.88	2.8	ug/m3	40.7
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.4	0.88	2.7	ug/m3	120
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.45	1.7	2.7	ug/m3	520
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.34	1.7	2.7	ug/m3	348000
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.3	0.88	2.8	ug/m3	55.9
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.78	1.7	2.7	ug/m3	20900
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.83	2.8	5.2	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.57	1.7	2.8	ug/m3	851
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.4	0.88	2.7	ug/m3	25.3
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.41	1.7	2.8	ug/m3	585
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y			0.42	1.7	2.7	ug/m3	24300
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y			0.45	1.7	2.7	ug/m3	3480
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.4	0.88	2.8	ug/m3	1040000
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.57	1.7	5.2	ug/m3	174000
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.37	0.88	2.7	ug/m3	69.5
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.68	1.6	2.7	ug/m3	27.5
KAFB-106141-050	SV141-050-212	4/6/2021	N	N	U	U	0.4	0.88	2.8	ug/m3	3480
KAFB-106141-050	SV141-050-212	4/6/2021	N	Y	J	J	0.38	0.88	2.7	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.36	0.82	2.5	ug/m3	374
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.31	0.82	2.5	ug/m3	174000
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.68	1.6	4.8	ug/m3	3480
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.68	1.6	4.8	ug/m3	3480
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	1.4	3.1	4.8	ug/m3	2430
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.68	1.6	4.8	ug/m3	3480
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	156
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y			0.34	0.82	2.6	ug/m3	40.7
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	120
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	520
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y			0.77	2.6	4.8	ug/m3	24300
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y			0.37	0.82	2.5	ug/m3	25.3
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y			0.39	1.5	2.5	ug/m3	24300
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.37	0.82	2.6	ug/m3	1040000
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.35	0.82	2.5	ug/m3	69.5
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	27.5
KAFB-106141-170	SV141-170-212	4/6/2021	N	N	U	U	0.37	0.82	2.6	ug/m3	3480
KAFB-106141-170	SV141-170-212	4/6/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.38	0.86	2.6	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	34800
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.45	1.6	2.6	ug/m3	31.2
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.33	0.86	2.6	ug/m3	174000
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y			0.34	0.86	5.1	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.56	1.6	2.6	ug/m3	24300
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.32	0.86	2.6	ug/m3	187
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.36	0.86	2.6	ug/m3	34.7
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.35	0.86	2.6	ug/m3	1390
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	1.4	3.3	5.1	ug/m3	2430
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.71	1.7	5.1	ug/m3	3480
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	156
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.33	0.86	5.1	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	6.1	14	26	ug/m3	1080000
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y			0.36	0.86	2.7	ug/m3	40.7
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	120
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	520
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	520
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.76	1.6	2.6	ug/m3	20900
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y			0.81	2.7	5.1	ug/m3	24300
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.39	0.86	2.6	ug/m3	25.3
KAFB-106141-250	SV141-250-212	4/6/2021	N	N	U	U	0.4	1.7	2.7	ug/m3	585
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y			0.44	1.6	2.6	ug/m3	3480
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	1040000
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.56	1.6	5.1	ug/m3	174000
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.37	0.86	2.6	ug/m3	69.5
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	27.5
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.39	0.86	2.7	ug/m3	3480
KAFB-106141-250	SV141-250-212	4/6/2021	N	Y	J	J	0.38	0.86	2.6	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.4	0.91	2.8	ug/m3	374
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.33	0.91	2.8	ug/m3	1.56
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	31.2
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.31	0.91	2.8	ug/m3	36
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.39	0.91	5.3	ug/m3	104000
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.35	0.91	2.8	ug/m3	174000
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.36	0.91	5.3	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.59	1.7	2.8	ug/m3	24300
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.8	1.8	5.3	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.69	1.7	2.8	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.69	1.7	5.3	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.34	0.91	2.8	ug/m3	187
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	34.7
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	1390
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.75	1.8	5.3	ug/m3	3480
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	1.5	3.5	5.3	ug/m3	2430
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.45	1.7	2.8	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.75	1.8	5.3	ug/m3	3480
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.39	0.91	2.7	ug/m3	156
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.35	0.91	5.3	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	2	4.4	28	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	1.2	3.4	5.3	ug/m3	NS
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	6.4	14	28	ug/m3	1080000
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y			0.38	0.91	2.8	ug/m3	40.7
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	120
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	520
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.35	1.7	2.8	ug/m3	348000
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.3	0.91	2.8	ug/m3	55.9
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.8	1.7	2.8	ug/m3	20900
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y			0.85	2.9	5.3	ug/m3	24300
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.59	1.7	2.8	ug/m3	851
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.41	0.91	2.8	ug/m3	25.3
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y			0.43	1.7	2.7	ug/m3	24300
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y			0.46	1.7	2.8	ug/m3	3480
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.4	0.91	2.8	ug/m3	1040000
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.59	1.7	5.3	ug/m3	174000
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.38	0.91	2.7	ug/m3	69.5
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.69	1.7	2.8	ug/m3	27.5
KAFB-106141-350	SV141-350-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	3480
KAFB-106141-350	SV141-350-212	4/6/2021	N	Y	J	J	0.39	0.91	2.8	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.4	0.91	2.8	ug/m3	374
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.33	0.91	2.8	ug/m3	1.56
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	31.2
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.31	0.91	2.8	ug/m3	36
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.39	0.91	5.3	ug/m3	104000
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.35	0.91	2.8	ug/m3	174000
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.36	0.91	5.3	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.59	1.7	2.8	ug/m3	24300
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.8	1.8	5.3	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.69	1.7	2.8	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.69	1.7	5.3	ug/m3	69.5
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.34	0.91	2.8	ug/m3	187
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	34.7
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.37	0.91	2.8	ug/m3	1390
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.75	1.8	5.3	ug/m3	3480
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	1.5	3.5	5.3	ug/m3	2430
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.45	1.7	2.8	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.75	1.8	5.3	ug/m3	3480
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.39	0.91	2.7	ug/m3	156
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.35	0.91	5.3	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	2	4.4	28	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	1.2	3.4	5.3	ug/m3	NS
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	6.4	14	28	ug/m3	1080000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.38	0.91	2.8	ug/m3	40.7
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.41	0.91	2.8	ug/m3	120
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.46	1.7	2.8	ug/m3	520
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.35	1.7	2.8	ug/m3	348000
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.3	0.91	2.8	ug/m3	55.9
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.8	1.7	2.8	ug/m3	20900
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.85	2.9	5.3	ug/m3	24300
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.59	1.7	2.8	ug/m3	851
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	25.3
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.42	1.8	2.9	ug/m3	585
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.43	1.7	2.7	ug/m3	24300
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.46	1.7	2.8	ug/m3	3480
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.4	0.91	2.8	ug/m3	1040000
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y			0.59	1.7	5.3	ug/m3	174000
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.38	0.91	2.7	ug/m3	69.5
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.69	1.7	2.8	ug/m3	27.5
KAFB-106141-450	SV141-450-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	3480
KAFB-106141-450	SV141-450-212	4/6/2021	N	Y	J	J	0.39	0.91	2.8	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.4	0.91	2.8	ug/m3	374
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	34800
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.33	0.91	2.8	ug/m3	1.56
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.47	1.7	2.8	ug/m3	31.2
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.31	0.91	2.8	ug/m3	36
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.39	0.91	5.3	ug/m3	104000
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.41	0.91	2.8	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.35	0.91	2.8	ug/m3	174000
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.36	0.91	5.3	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.59	1.7	2.8	ug/m3	24300
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.8	1.8	5.3	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.69	1.7	2.8	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.69	1.7	5.3	ug/m3	69.5
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.34	0.91	2.8	ug/m3	187
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	34.7
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.37	0.91	2.8	ug/m3	1390
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.75	1.8	5.3	ug/m3	3480
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	1.5	3.5	5.3	ug/m3	2430
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.45	1.7	2.8	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.75	1.8	5.3	ug/m3	3480
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.39	0.91	2.7	ug/m3	156
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.35	0.91	5.3	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	2	4.4	28	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	1.2	3.4	5.3	ug/m3	NS
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			6.4	14	28	ug/m3	1080000
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.38	0.91	2.8	ug/m3	40.7
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.41	0.91	2.8	ug/m3	120
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.46	1.7	2.8	ug/m3	520
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.35	1.7	2.8	ug/m3	348000
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.3	0.91	2.8	ug/m3	55.9
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.8	1.7	2.8	ug/m3	20900
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.85	2.9	5.3	ug/m3	24300
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.59	1.7	2.8	ug/m3	851
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.41	0.91	2.8	ug/m3	25.3
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.42	1.8	2.9	ug/m3	585
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.43	1.7	2.7	ug/m3	24300
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.46	1.7	2.8	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y	J	J	0.4	0.91	2.8	ug/m3	1040000
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.59	1.7	5.3	ug/m3	174000
KAFB-106142-030	SV142-030-212	4/6/2021	N	N	U	U	0.38	0.91	2.7	ug/m3	69.5
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.69	1.7	2.8	ug/m3	27.5
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.41	0.91	2.8	ug/m3	3480
KAFB-106142-030	SV142-030-212	4/6/2021	N	Y			0.39	0.91	2.8	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.41	0.94	2.9	ug/m3	374
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	34800
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.34	0.94	2.9	ug/m3	1.56
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.49	1.8	2.9	ug/m3	31.2
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.33	0.94	2.9	ug/m3	36
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.4	0.94	5.5	ug/m3	104000
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.43	0.94	2.9	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.36	0.94	2.9	ug/m3	174000
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.37	0.94	5.5	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.61	1.8	2.9	ug/m3	24300
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.83	1.9	5.5	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.72	1.8	2.9	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.72	1.8	5.5	ug/m3	69.5
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.35	0.94	2.9	ug/m3	187
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.39	0.94	2.9	ug/m3	34.7
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.38	0.94	2.9	ug/m3	1390
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.77	1.9	5.5	ug/m3	3480
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	1.5	3.6	5.5	ug/m3	2430
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.47	1.8	2.9	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.77	1.9	5.5	ug/m3	3480
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.41	0.94	2.8	ug/m3	156
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.36	0.94	5.5	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.41	0.94	2.8	ug/m3	156
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.36	0.94	5.5	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	2	4.6	29	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	1.2	3.5	5.5	ug/m3	NS
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	6.6	15	29	ug/m3	1080000
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.39	0.94	2.9	ug/m3	40.7
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.43	0.94	2.9	ug/m3	120
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.48	1.8	2.9	ug/m3	520
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.36	1.8	2.9	ug/m3	348000
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.31	0.94	2.9	ug/m3	55.9
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.83	1.8	2.9	ug/m3	20900
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y			0.88	3	5.5	ug/m3	24300
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.61	1.8	2.9	ug/m3	851
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.43	0.94	2.9	ug/m3	25.3
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.43	1.8	3	ug/m3	585
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.45	1.8	2.8	ug/m3	24300
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.48	1.8	2.9	ug/m3	3480
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.42	0.94	2.9	ug/m3	1040000
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y			0.61	1.8	5.5	ug/m3	174000
KAFB-106142-050	SV142-050-212	4/6/2021	N	N	U	U	0.4	0.94	2.8	ug/m3	69.5
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y			0.72	1.7	2.9	ug/m3	27.5
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y	J	J	0.43	0.94	2.9	ug/m3	3480
KAFB-106142-050	SV142-050-212	4/6/2021	N	Y			0.41	0.94	2.9	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.33	0.75	2.3	ug/m3	374
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	34800
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.27	0.75	2.3	ug/m3	1.56
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.26	0.75	2.3	ug/m3	36
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.32	0.75	4.4	ug/m3	104000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lim	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.34	0.75	2.3	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.29	0.75	2.3	ug/m3	174000
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.3	0.75	4.4	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.49	1.4	2.3	ug/m3	24300
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.66	1.5	4.4	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.58	1.4	2.3	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.58	1.4	4.4	ug/m3	69.5
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.28	0.75	2.3	ug/m3	187
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.31	0.75	2.3	ug/m3	34.7
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.31	0.75	2.3	ug/m3	1390
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.62	1.5	4.4	ug/m3	3480
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			1.2	2.9	4.4	ug/m3	2430
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.62	1.5	4.4	ug/m3	3480
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.33	0.75	2.3	ug/m3	156
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.29	0.75	4.4	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			1.6	3.7	23	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.97	2.8	4.4	ug/m3	NS
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			5.3	12	23	ug/m3	1080000
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.31	0.75	2.3	ug/m3	40.7
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.34	0.75	2.3	ug/m3	120
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	520
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.25	0.75	2.3	ug/m3	55.9
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.66	1.4	2.3	ug/m3	20900
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.71	2.4	4.4	ug/m3	24300
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.49	1.4	2.3	ug/m3	851
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	25.3
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.36	1.4	2.3	ug/m3	24300
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.34	0.75	2.3	ug/m3	1040000
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.49	1.4	4.4	ug/m3	174000
KAFB-106142-170	SV142-170-212	4/6/2021	N	N	U	U	0.32	0.75	2.3	ug/m3	69.5
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.58	1.4	2.3	ug/m3	27.5
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y	J	J	0.34	0.75	2.3	ug/m3	3480
KAFB-106142-170	SV142-170-212	4/6/2021	N	Y			0.33	0.75	2.3	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.44	1	3.1	ug/m3	374
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.51	1.9	3.1	ug/m3	34800
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.36	1	3.1	ug/m3	1.56
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.52	1.9	3.1	ug/m3	31.2
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.35	1	3.1	ug/m3	36
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.43	1	5.9	ug/m3	104000
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.45	1	3.1	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.38	1	3.1	ug/m3	174000
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.39	1	5.9	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.65	1.9	3.1	ug/m3	24300
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.88	2	5.9	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.76	1.9	3.1	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.76	1.9	5.9	ug/m3	69.5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.37	1	3.1	ug/m3	187
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.41	1	3.1	ug/m3	34.7
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.41	1	3.1	ug/m3	1390
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.82	2	5.9	ug/m3	3480
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	1.6	3.8	5.9	ug/m3	2430

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.5	1.9	3.1	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.82	2	5.9	ug/m3	3480
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.43	1	3	ug/m3	156
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.39	1	5.9	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	2.2	4.9	31	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	1.3	3.7	5.9	ug/m3	NS
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y			7.1	16	31	ug/m3	1080000
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.42	1	3.1	ug/m3	40.7
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.45	1	3.1	ug/m3	120
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.51	1.9	3.1	ug/m3	520
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.39	1.9	3.1	ug/m3	348000
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.33	1	3.1	ug/m3	55.9
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.88	1.9	3.1	ug/m3	20900
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y			0.94	3.2	5.9	ug/m3	24300
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.65	1.9	3.1	ug/m3	851
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.45	1	3.1	ug/m3	25.3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.46	1.9	3.2	ug/m3	585
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y			0.48	1.9	3	ug/m3	24300
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y			0.51	1.9	3.1	ug/m3	3480
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.45	1	3.1	ug/m3	1040000
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y			0.65	1.9	5.9	ug/m3	174000
KAFB-106142-170	SV142-170-612	4/6/2021	FD	N	U	U	0.42	1	3	ug/m3	69.5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.76	1.8	3.1	ug/m3	27.5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.45	1	3.1	ug/m3	3480
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Y	J	J	0.43	1	3.1	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.37	0.85	2.6	ug/m3	374
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.29	0.85	2.6	ug/m3	36
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.36	0.85	5	ug/m3	104000
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.32	0.85	2.6	ug/m3	174000
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.75	1.7	5	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.65	1.6	2.6	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	187
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.34	0.85	2.6	ug/m3	1390
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.7	1.7	5	ug/m3	3480
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	1.4	3.2	5	ug/m3	2430
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.42	1.6	2.6	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.7	1.7	5	ug/m3	3480
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.37	0.85	2.5	ug/m3	156
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	1.1	3.1	5	ug/m3	NS
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	6	13	26	ug/m3	1080000
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.35	0.85	2.6	ug/m3	40.7
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	120
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.28	0.85	2.6	ug/m3	55.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y			0.8	2.7	5	ug/m3	24300
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	851
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	25.3
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	1040000
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.55	1.6	5	ug/m3	174000
KAFB-106142-250	SV142-250-212	4/6/2021	N	N	U	U	0.36	0.85	2.5	ug/m3	69.5
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y			0.65	1.5	2.6	ug/m3	27.5
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	3480
KAFB-106142-250	SV142-250-212	4/6/2021	N	Y			0.37	0.85	2.6	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.37	0.83	2.5	ug/m3	374
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.42	1.6	2.5	ug/m3	34800
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.3	0.83	2.5	ug/m3	1.56
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.43	1.6	2.5	ug/m3	31.2
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.29	0.83	2.5	ug/m3	36
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.36	0.83	4.9	ug/m3	104000
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.38	0.83	2.6	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.32	0.83	2.5	ug/m3	174000
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.33	0.83	4.9	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.54	1.6	2.5	ug/m3	24300
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.74	1.7	4.9	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.64	1.6	2.5	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.64	1.6	4.9	ug/m3	69.5
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.31	0.83	2.5	ug/m3	187
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.34	0.83	2.5	ug/m3	34.7
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.31	0.83	2.5	ug/m3	187
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.34	0.83	2.5	ug/m3	34.7
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.34	0.83	2.5	ug/m3	1390
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.69	1.7	4.9	ug/m3	3480
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	1.4	3.2	4.9	ug/m3	2430
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.42	1.6	2.5	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.69	1.7	4.9	ug/m3	3480
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	156
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.32	0.83	4.9	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	1.1	3.1	4.9	ug/m3	NS
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			5.9	13	25	ug/m3	1080000
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.35	0.83	2.6	ug/m3	40.7
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.38	0.83	2.5	ug/m3	120
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.42	1.6	2.5	ug/m3	520
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.32	1.6	2.5	ug/m3	348000
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.28	0.83	2.6	ug/m3	55.9
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.74	1.6	2.5	ug/m3	20900
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.78	2.6	4.9	ug/m3	24300
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.54	1.6	2.6	ug/m3	851
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.38	0.83	2.5	ug/m3	25.3
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.43	1.6	2.5	ug/m3	3480
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.37	0.83	2.6	ug/m3	1040000
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y			0.54	1.6	4.9	ug/m3	174000
KAFB-106142-350	SV142-350-212	4/6/2021	N	N	U	U	0.35	0.83	2.5	ug/m3	69.5
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.64	1.5	2.5	ug/m3	27.5
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.38	0.83	2.6	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lir	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106142-350	SV142-350-212	4/6/2021	N	Y	J	J	0.36	0.83	2.5	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y		D	120	340	560	ug/m3	24300
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			1.6	3.6	11	ug/m3	374
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.8	6.8	11	ug/m3	34800
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.3	3.6	11	ug/m3	1.56
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.9	6.8	11	ug/m3	31.2
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.3	3.6	11	ug/m3	36
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.6	3.6	21	ug/m3	104000
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			1.6	3.6	11	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			1.4	3.6	11	ug/m3	174000
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	1.4	3.6	21	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			3.2	7.3	21	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	2.8	6.8	11	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	2.8	6.8	21	ug/m3	69.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.3	3.6	11	ug/m3	187
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.5	3.6	11	ug/m3	34.7
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.5	3.6	11	ug/m3	1390
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			3	7.3	21	ug/m3	3480
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	6	14	21	ug/m3	2430
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			1.8	6.8	11	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	3	7.3	21	ug/m3	3480
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.6	3.6	11	ug/m3	156
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.4	3.6	21	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	7.9	18	110	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	4.7	13	21	ug/m3	NS
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	26	58	110	ug/m3	1080000
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.5	3.6	11	ug/m3	40.7
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			1.6	3.6	11	ug/m3	120
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.8	6.8	11	ug/m3	520
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.4	6.8	11	ug/m3	348000
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.2	3.6	11	ug/m3	55.9
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	3.2	6.8	11	ug/m3	20900
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			3.4	12	21	ug/m3	24300
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	2.4	6.8	11	ug/m3	851
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.6	3.6	11	ug/m3	25.3
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.7	7.1	12	ug/m3	585
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	1.7	6.8	11	ug/m3	24300
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	1.9	6.8	11	ug/m3	3480
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.6	3.6	11	ug/m3	1040000
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	2.4	6.8	21	ug/m3	174000
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	1.5	3.6	11	ug/m3	69.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	N	U	U	2.8	6.6	11	ug/m3	27.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y			1.6	3.6	11	ug/m3	3480
KAFB-106142-450	SV142-450-212	4/6/2021	N	Y	J	J	1.6	3.6	11	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			710	1600	4900	ug/m3	374
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	810	3000	4900	ug/m3	34800
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	580	1600	4900	ug/m3	1.56
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	830	3000	4900	ug/m3	31.2
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	550	1600	4900	ug/m3	36
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y	J	J	690	1600	9400	ug/m3	104000
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			720	1600	5000	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			610	1600	4900	ug/m3	174000
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	630	1600	9400	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			1000	3000	4900	ug/m3	24300
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			1400	3200	9400	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y	J	J	1200	3000	4900	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	1200	3000	9400	ug/m3	69.5
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	590	1600	4900	ug/m3	187
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	660	1600	4900	ug/m3	34.7
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	650	1600	4900	ug/m3	1390
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			1300	3200	9400	ug/m3	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	2600	6100	9400	ug/m3	2430
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			800	3000	4900	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			1300	3200	9400	ug/m3	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	700	1600	4800	ug/m3	156
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	620	1600	9400	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y	J	J	3500	7800	50000	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y	J	J	2100	5900	9400	ug/m3	NS
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			11000	25000	49000	ug/m3	1080000
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	670	1600	5000	ug/m3	40.7
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			720	1600	4900	ug/m3	120
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	810	3000	4900	ug/m3	520
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	620	3000	4900	ug/m3	348000
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	540	1600	5000	ug/m3	55.9
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	1400	3000	4900	ug/m3	20900
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	1500	5100	9400	ug/m3	24300
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	1000	3000	5000	ug/m3	851
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	720	1600	4900	ug/m3	25.3
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	730	3100	5100	ug/m3	585
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	760	3000	4800	ug/m3	24300
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	820	3000	4900	ug/m3	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	710	1600	5000	ug/m3	1040000
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			1000	3000	9400	ug/m3	174000
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	680	1600	4800	ug/m3	69.5
SVEW-06-060	SVE06-060-212	4/5/2021	N	N	U	U	1200	2900	4900	ug/m3	27.5
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			720	1600	5000	ug/m3	3480
SVEW-06-060	SVE06-060-212	4/5/2021	N	Y			700	1600	4900	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			630	1400	4400	ug/m3	374
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	730	2700	4400	ug/m3	34800
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	520	1400	4400	ug/m3	1.56
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	740	2700	4400	ug/m3	31.2
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	500	1400	4400	ug/m3	36
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y	J	J	620	1400	8400	ug/m3	104000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			650	1400	4500	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			550	1400	4400	ug/m3	174000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	570	1400	8400	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			930	2700	4400	ug/m3	24300
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			1300	2900	8400	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y	J	J	1100	2700	4400	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	1100	2700	8400	ug/m3	69.5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	530	1400	4400	ug/m3	187
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	590	1400	4400	ug/m3	34.7
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	580	1400	4400	ug/m3	1390
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			1200	2900	8400	ug/m3	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	2400	5500	8400	ug/m3	2430
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			720	2700	4400	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			1200	2900	8400	ug/m3	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	620	1400	4300	ug/m3	156
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	560	1400	8400	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y	J	J	3100	7000	45000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y	J	J	1900	5300	8400	ug/m3	NS
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			10000	23000	44000	ug/m3	1080000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	600	1400	4500	ug/m3	40.7
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			650	1400	4400	ug/m3	120
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	730	2700	4400	ug/m3	520
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	560	2700	4400	ug/m3	348000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	480	1400	4500	ug/m3	55.9
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	1300	2700	4400	ug/m3	20900
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	1300	4600	8400	ug/m3	24300
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	930	2700	4500	ug/m3	851
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	650	1400	4400	ug/m3	25.3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	660	2800	4600	ug/m3	585
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	680	2700	4300	ug/m3	24300
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	730	2700	4400	ug/m3	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	640	1400	4500	ug/m3	1040000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			930	2700	8400	ug/m3	174000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	610	1400	4300	ug/m3	69.5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	N	U	U	1100	2600	4400	ug/m3	27.5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			650	1400	4500	ug/m3	3480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Y			620	1400	4400	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			820	1900	5700	ug/m3	374
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	940	3500	5700	ug/m3	34800
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	680	1900	5700	ug/m3	1.56
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	960	3500	5700	ug/m3	31.2
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	640	1900	5700	ug/m3	36
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y	J	J	800	1900	11000	ug/m3	104000
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y	J	J	840	1900	5800	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			710	1900	5700	ug/m3	174000
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y	J	J	840	1900	5800	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			710	1900	5700	ug/m3	174000
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	730	1900	11000	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			1200	3500	5700	ug/m3	24300
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			1600	3700	11000	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	1400	3500	5700	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	1400	3500	11000	ug/m3	69.5
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	690	1900	5700	ug/m3	187
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	760	1900	5700	ug/m3	34.7
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	750	1900	5700	ug/m3	1390
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			1500	3700	11000	ug/m3	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	3100	7100	11000	ug/m3	2430
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			930	3500	5700	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			1500	3700	11000	ug/m3	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	810	1900	5600	ug/m3	156
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	720	1900	11000	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y	J	J	4000	9000	58000	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y	J	J	2400	6900	11000	ug/m3	NS
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			13000	29000	57000	ug/m3	1080000
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	770	1900	5800	ug/m3	40.7
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			840	1900	5700	ug/m3	120
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	940	3500	5700	ug/m3	520
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	720	3500	5700	ug/m3	348000
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	620	1900	5800	ug/m3	55.9
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	1600	3500	5700	ug/m3	20900
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	1700	5900	11000	ug/m3	24300
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	1200	3500	5800	ug/m3	851
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	840	1900	5700	ug/m3	25.3
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	850	3600	5900	ug/m3	585

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	880	3500	5600	ug/m3	24300
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	950	3500	5700	ug/m3	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	830	1900	5800	ug/m3	1040000
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			1200	3500	11000	ug/m3	174000
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	780	1900	5600	ug/m3	69.5
SVEW-07-160	SVE07-160-212	4/5/2021	N	N	U	U	1400	3400	5700	ug/m3	27.5
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			840	1900	5800	ug/m3	3480
SVEW-07-160	SVE07-160-212	4/5/2021	N	Y			810	1900	5700	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y	J	J	62	140	430	ug/m3	374
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	72	270	430	ug/m3	34800
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	52	140	430	ug/m3	1.56
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	73	270	430	ug/m3	31.2
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	49	140	430	ug/m3	36
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	61	140	830	ug/m3	104000
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	64	140	440	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	54	140	430	ug/m3	174000
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	56	140	830	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y			92	270	430	ug/m3	24300
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y			120	280	830	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	110	270	430	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	110	270	830	ug/m3	69.5
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	52	140	430	ug/m3	187
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	58	140	430	ug/m3	34.7
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	57	140	430	ug/m3	1390
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	120	280	830	ug/m3	3480
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	230	540	830	ug/m3	2430
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y			71	270	430	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	120	280	830	ug/m3	3480
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y			71	270	430	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	120	280	830	ug/m3	3480
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	62	140	420	ug/m3	156
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	55	140	830	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y	J	J	310	690	4400	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	180	520	830	ug/m3	NS
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	1000	2200	4300	ug/m3	1080000
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	59	140	440	ug/m3	40.7
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y			64	140	430	ug/m3	120
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	72	270	430	ug/m3	520
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	55	270	430	ug/m3	348000
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	47	140	440	ug/m3	55.9
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	120	270	430	ug/m3	20900
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	130	450	830	ug/m3	24300
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	92	270	440	ug/m3	851
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	64	140	430	ug/m3	25.3
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	65	270	450	ug/m3	585
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	67	270	420	ug/m3	24300
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	72	270	430	ug/m3	3480
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	63	140	440	ug/m3	1040000
SVEW-08-260	SVE08-260-212	4/5/2021	N	Y	J	J	92	270	830	ug/m3	174000
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	60	140	420	ug/m3	69.5
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	110	260	430	ug/m3	27.5
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	64	140	440	ug/m3	3480
SVEW-08-260	SVE08-260-212	4/5/2021	N	N	U	U	62	140	430	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	15	34	100	ug/m3	374
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	17	63	100	ug/m3	34800
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	12	34	100	ug/m3	1.56
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	17	63	100	ug/m3	31.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	12	34	100	ug/m3	36
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	14	34	200	ug/m3	104000
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	15	34	100	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	13	34	100	ug/m3	174000
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	13	34	200	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y			22	63	100	ug/m3	24300
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y			30	67	200	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	26	63	100	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	26	63	200	ug/m3	69.5
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	12	34	100	ug/m3	187
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	14	34	100	ug/m3	34.7
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	14	34	100	ug/m3	1390
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	28	67	200	ug/m3	3480
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	55	130	200	ug/m3	2430
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y			17	63	100	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	28	67	200	ug/m3	3480
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	15	34	100	ug/m3	156
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	13	34	200	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	73	160	1000	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	44	120	200	ug/m3	NS
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	240	530	1000	ug/m3	1080000
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	14	34	100	ug/m3	40.7
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y			15	34	100	ug/m3	120
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	17	63	100	ug/m3	520
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	13	63	100	ug/m3	348000
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	11	34	100	ug/m3	55.9
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	30	63	100	ug/m3	20900
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	32	110	200	ug/m3	24300
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	22	63	100	ug/m3	851
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	15	34	100	ug/m3	25.3
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	15	65	110	ug/m3	585
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	16	63	100	ug/m3	24300
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	17	63	100	ug/m3	3480
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	15	34	100	ug/m3	1040000
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	22	63	200	ug/m3	174000
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	14	34	100	ug/m3	69.5
SVEW-09-460	SVE09-460-212	4/5/2021	N	N	U	U	26	61	100	ug/m3	27.5
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	15	34	100	ug/m3	3480
SVEW-09-460	SVE09-460-212	4/5/2021	N	Y	J	J	15	34	100	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			17	38	120	ug/m3	374
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	19	71	120	ug/m3	34800
SVMW-10-250	SV10-250-212	4/20/2021	N	Y	J	J	14	38	120	ug/m3	1.56
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	19	71	120	ug/m3	31.2
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	13	38	120	ug/m3	36
SVMW-10-250	SV10-250-212	4/20/2021	N	Y	J	J	16	38	220	ug/m3	104000
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			17	38	120	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			14	38	120	ug/m3	174000
SVMW-10-250	SV10-250-212	4/20/2021	N	Y	J	J	15	38	220	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			24	71	120	ug/m3	24300
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			33	75	220	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y	J	V	29	71	120	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	29	71	220	ug/m3	69.5
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	14	38	120	ug/m3	187
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	16	38	120	ug/m3	34.7
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	15	38	120	ug/m3	1390

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			31	75	220	ug/m3	3480
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	62	140	220	ug/m3	2430
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			19	71	120	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			31	75	220	ug/m3	3480
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	16	38	110	ug/m3	156
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	15	38	220	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y	J	J	82	180	1200	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			49	140	220	ug/m3	NS
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			270	600	1200	ug/m3	1080000
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	16	38	120	ug/m3	40.7
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			17	38	120	ug/m3	120
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	19	71	120	ug/m3	520
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	15	71	120	ug/m3	348000
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	13	38	120	ug/m3	55.9
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	33	71	120	ug/m3	20900
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	35	120	220	ug/m3	24300
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	24	71	120	ug/m3	851
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	17	38	120	ug/m3	25.3
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	17	73	120	ug/m3	585
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	18	71	110	ug/m3	24300
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	19	71	120	ug/m3	3480
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	17	38	120	ug/m3	1040000
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			24	71	220	ug/m3	174000
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	16	38	110	ug/m3	69.5
SVMW-10-250	SV10-250-212	4/20/2021	N	N	U	U	29	69	120	ug/m3	27.5
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			17	38	120	ug/m3	3480
SVMW-10-250	SV10-250-212	4/20/2021	N	Y			16	38	120	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			320	710	2200	ug/m3	374
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			320	710	2200	ug/m3	374
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	360	1300	2200	ug/m3	34800
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	260	710	2200	ug/m3	1.56
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	370	1300	2200	ug/m3	31.2
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	250	710	2200	ug/m3	36
SVMW-11-050	SV11-050-212	4/20/2021	N	Y	J	J	310	710	4200	ug/m3	104000
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			320	710	2200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			270	710	2200	ug/m3	174000
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	280	710	4200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			460	1300	2200	ug/m3	24300
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			630	1400	4200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			550	1300	2200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	550	1300	4200	ug/m3	69.5
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	260	710	2200	ug/m3	187
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	290	710	2200	ug/m3	34.7
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	290	710	2200	ug/m3	1390
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			590	1400	4200	ug/m3	3480
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	1200	2700	4200	ug/m3	2430
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			360	1300	2200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			590	1400	4200	ug/m3	3480
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	310	710	2100	ug/m3	156
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	280	710	4200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y	J	J	1600	3500	22000	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			920	2600	4200	ug/m3	NS
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			5000	11000	22000	ug/m3	1080000
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	300	710	2200	ug/m3	40.7
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			320	710	2200	ug/m3	120
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	360	1300	2200	ug/m3	520

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	280	1300	2200	ug/m3	348000
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	240	710	2200	ug/m3	55.9
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	630	1300	2200	ug/m3	20900
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	670	2300	4200	ug/m3	24300
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	460	1300	2200	ug/m3	851
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	320	710	2200	ug/m3	25.3
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	330	1400	2300	ug/m3	585
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	340	1300	2100	ug/m3	24300
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	370	1300	2200	ug/m3	3480
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	320	710	2200	ug/m3	1040000
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			460	1300	4200	ug/m3	174000
SVMW-11-050	SV11-050-212	4/20/2021	N	N	U	U	300	710	2100	ug/m3	69.5
SVMW-11-050	SV11-050-212	4/20/2021	N	Y	J	J	550	1300	2200	ug/m3	27.5
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			320	710	2200	ug/m3	3480
SVMW-11-050	SV11-050-212	4/20/2021	N	Y			310	710	2200	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	374
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	250	930	1500	ug/m3	34800
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	180	500	1500	ug/m3	1.56
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	260	930	1500	ug/m3	31.2
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	170	500	1500	ug/m3	36
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	210	500	2900	ug/m3	104000
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			190	500	1500	ug/m3	174000
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	200	500	2900	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			320	930	1500	ug/m3	24300
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			440	990	2900	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			380	930	1500	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	380	930	2900	ug/m3	69.5
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			380	930	1500	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	380	930	2900	ug/m3	69.5
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	180	500	1500	ug/m3	187
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	200	500	1500	ug/m3	34.7
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	200	500	1500	ug/m3	1390
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			410	990	2900	ug/m3	3480
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	820	1900	2900	ug/m3	2430
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			250	930	1500	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			410	990	2900	ug/m3	3480
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	220	500	1500	ug/m3	156
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	190	500	2900	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	1100	2400	15000	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y	J	J	640	1800	2900	ug/m3	NS
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			3500	7900	15000	ug/m3	1080000
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	210	500	1500	ug/m3	40.7
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	120
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	250	930	1500	ug/m3	520
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	190	930	1500	ug/m3	348000
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	170	500	1500	ug/m3	55.9
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	440	930	1500	ug/m3	20900
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	470	1600	2900	ug/m3	24300
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	320	930	1500	ug/m3	851
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	220	500	1500	ug/m3	25.3
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	230	960	1600	ug/m3	585
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	240	930	1500	ug/m3	24300
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	250	930	1500	ug/m3	3480
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	220	500	1500	ug/m3	1040000
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			320	930	2900	ug/m3	174000
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	210	500	1500	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-11-100	SV11-100-212	4/20/2021	N	N	U	U	380	900	1500	ug/m3	27.5
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	3480
SVMW-11-100	SV11-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			69	160	480	ug/m3	374
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	79	290	480	ug/m3	34800
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	57	160	480	ug/m3	1.56
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	81	290	480	ug/m3	31.2
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	54	160	480	ug/m3	36
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	67	160	920	ug/m3	104000
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			70	160	480	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	61	160	920	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			100	290	480	ug/m3	24300
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			140	310	920	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			120	290	480	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	120	290	920	ug/m3	69.5
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	58	160	480	ug/m3	187
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	64	160	480	ug/m3	34.7
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	63	160	480	ug/m3	1390
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			130	310	920	ug/m3	3480
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	260	590	920	ug/m3	2430
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			130	310	920	ug/m3	3480
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	68	160	470	ug/m3	156
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	60	160	920	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	340	760	4800	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	Y	J	J	200	580	920	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			1100	2500	4800	ug/m3	1080000
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	65	160	480	ug/m3	40.7
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			70	160	480	ug/m3	120
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	79	290	480	ug/m3	520
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	60	290	480	ug/m3	348000
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	52	160	480	ug/m3	55.9
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	140	290	480	ug/m3	20900
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	150	490	920	ug/m3	24300
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	100	290	480	ug/m3	851
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	70	160	480	ug/m3	25.3
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	71	300	490	ug/m3	585
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	74	290	470	ug/m3	24300
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	80	290	480	ug/m3	3480
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	70	160	480	ug/m3	1040000
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			100	290	920	ug/m3	174000
SVMW-11-250	SV11-250-212	4/20/2021	N	N	U	U	66	160	470	ug/m3	69.5
SVMW-11-250	SV11-250-212	4/20/2021	N	Y	J	J	120	280	480	ug/m3	27.5
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			70	160	480	ug/m3	3480
SVMW-11-250	SV11-250-212	4/20/2021	N	Y			68	160	480	ug/m3	NS
SVMW-11-250	SV11-250-212	4/20/2021	N	Y		D	240	620	1900	ug/m3	174000
SVMW-11-250	SV11-250-212	4/20/2021	N	Y		D	310	1200	1900	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	150	330	1000	ug/m3	374
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	170	630	1000	ug/m3	34800
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	120	330	1000	ug/m3	1.56
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	170	630	1000	ug/m3	31.2
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	120	330	1000	ug/m3	36
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	140	330	2000	ug/m3	104000
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	150	330	1000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	130	330	1000	ug/m3	174000
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	130	330	2000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lim	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-11-260	SV11-260-212	4/20/2021	N	Y			220	630	1000	ug/m3	24300
SVMW-11-260	SV11-260-212	4/20/2021	N	Y			290	670	2000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	250	630	1000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	250	630	2000	ug/m3	69.5
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	120	330	1000	ug/m3	187
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	140	330	1000	ug/m3	34.7
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	140	330	1000	ug/m3	1390
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	270	670	2000	ug/m3	3480
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	550	1300	2000	ug/m3	2430
SVMW-11-260	SV11-260-212	4/20/2021	N	Y			170	630	1000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	270	670	2000	ug/m3	3480
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	150	330	1000	ug/m3	156
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	130	330	2000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	730	1600	10000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	430	1200	2000	ug/m3	NS
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	2400	5300	10000	ug/m3	1080000
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	140	330	1000	ug/m3	40.7
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	150	330	1000	ug/m3	120
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	170	630	1000	ug/m3	520
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	130	630	1000	ug/m3	348000
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	110	330	1000	ug/m3	55.9
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	290	630	1000	ug/m3	20900
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	310	1100	2000	ug/m3	24300
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	220	630	1000	ug/m3	851
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	150	330	1000	ug/m3	25.3
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	150	650	1100	ug/m3	585
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	160	630	1000	ug/m3	24300
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	170	630	1000	ug/m3	3480
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	160	630	1000	ug/m3	24300
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	170	630	1000	ug/m3	3480
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	150	330	1000	ug/m3	1040000
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	220	630	2000	ug/m3	174000
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	140	330	1000	ug/m3	69.5
SVMW-11-260	SV11-260-212	4/20/2021	N	N	U	U	250	610	1000	ug/m3	27.5
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	150	330	1000	ug/m3	3480
SVMW-11-260	SV11-260-212	4/20/2021	N	Y	J	J	150	330	1000	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.31	0.69	2.1	ug/m3	374
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	34800
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.25	0.69	2.1	ug/m3	1.56
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.36	1.3	2.1	ug/m3	31.2
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.24	0.69	2.1	ug/m3	36
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.3	0.69	4.1	ug/m3	104000
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.31	0.69	2.2	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.26	0.69	2.1	ug/m3	174000
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.27	0.69	4.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.45	1.3	2.1	ug/m3	24300
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.61	1.4	4.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y		V	0.53	1.3	2.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.53	1.3	4.1	ug/m3	69.5
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.26	0.69	2.1	ug/m3	187
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.29	0.69	2.1	ug/m3	34.7
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.28	0.69	2.1	ug/m3	1390
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.57	1.4	4.1	ug/m3	3480
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	1.1	2.6	4.1	ug/m3	2430
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.35	1.3	2.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.57	1.4	4.1	ug/m3	3480
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.3	0.69	2.1	ug/m3	156

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.27	0.69	4.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	1.5	3.4	22	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.9	2.6	4.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	4.9	11	21	ug/m3	1080000
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.29	0.69	2.2	ug/m3	40.7
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.31	0.69	2.1	ug/m3	120
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	520
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.27	1.3	2.1	ug/m3	348000
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.23	0.69	2.2	ug/m3	55.9
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.61	1.3	2.1	ug/m3	20900
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.65	2.2	4.1	ug/m3	24300
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.45	1.3	2.2	ug/m3	851
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.31	0.69	2.1	ug/m3	25.3
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.32	1.3	2.2	ug/m3	585
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.33	1.3	2.1	ug/m3	24300
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.35	1.3	2.1	ug/m3	3480
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.45	1.3	4.1	ug/m3	174000
SVMW-12-150	SV12-150-212	4/19/2021	N	Y			0.29	0.69	2.1	ug/m3	69.5
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.53	1.3	2.1	ug/m3	27.5
SVMW-12-150	SV12-150-212	4/19/2021	N	Y	J	J	0.31	0.69	2.2	ug/m3	3480
SVMW-12-150	SV12-150-212	4/19/2021	N	N	U	U	0.3	0.69	2.1	ug/m3	NS
SVMW-12-150	SV12-150-212	4/19/2021	N	Y		D	3.1	6.9	22	ug/m3	1040000
SVMW-12-250	SV12-250-212	4/19/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	374
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.27	0.74	2.3	ug/m3	1.56
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.26	0.74	2.3	ug/m3	36
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.32	0.74	4.4	ug/m3	104000
SVMW-12-250	SV12-250-212	4/19/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.28	0.74	2.3	ug/m3	174000
SVMW-12-250	SV12-250-212	4/19/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y		V	0.57	1.4	2.3	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.28	0.74	2.3	ug/m3	187
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.31	0.74	2.3	ug/m3	34.7
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.3	0.74	2.3	ug/m3	1390
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.61	1.5	4.4	ug/m3	3480
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	1.2	2.8	4.4	ug/m3	2430
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.37	1.4	2.3	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y	J	J	0.61	1.5	4.4	ug/m3	3480
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.32	0.74	2.2	ug/m3	156
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.29	0.74	4.4	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			1.6	3.6	23	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.96	2.8	4.4	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	5.3	12	23	ug/m3	1080000
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.31	0.74	2.3	ug/m3	40.7
SVMW-12-250	SV12-250-212	4/19/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	520
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.25	0.74	2.3	ug/m3	55.9
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.7	2.4	4.4	ug/m3	24300
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.34	0.74	2.3	ug/m3	25.3
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.34	1.4	2.4	ug/m3	585
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.35	1.4	2.2	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.32	0.74	2.2	ug/m3	69.5
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.57	1.4	2.3	ug/m3	27.5
SVMW-12-250	SV12-250-212	4/19/2021	N	Y			0.34	0.74	2.3	ug/m3	3480
SVMW-12-250	SV12-250-212	4/19/2021	N	N	U	U	0.32	0.74	2.3	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y		D	4.8	14	23	ug/m3	24300
SVMW-12-250	SV12-250-212	4/19/2021	N	Y		D	6.6	15	44	ug/m3	NS
SVMW-12-250	SV12-250-212	4/19/2021	N	Y		D	3.4	7.4	23	ug/m3	120
SVMW-12-250	SV12-250-212	4/19/2021	N	Y		D	3.3	7.4	23	ug/m3	1040000
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	374
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.33	0.78	4.6	ug/m3	104000
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.3	0.78	2.4	ug/m3	174000
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.5	1.5	2.4	ug/m3	24300
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.69	1.6	4.6	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	JV	0.59	1.5	2.4	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
SVMW-12-350	SV12-350-212	4/19/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.64	1.6	4.6	ug/m3	3480
SVMW-12-350	SV12-350-212	4/19/2021	N	Y			0.34	0.78	2.3	ug/m3	156
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.3	0.78	4.6	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y			1.7	3.8	24	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	40.7
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
SVMW-12-350	SV12-350-212	4/19/2021	N	Y			0.26	0.78	2.4	ug/m3	55.9
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.73	2.5	4.6	ug/m3	24300
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
SVMW-12-350	SV12-350-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	3480
SVMW-12-350	SV12-350-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
SVMW-12-350	SV12-350-212	4/19/2021	N	Y			0.5	1.5	4.6	ug/m3	174000
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.33	0.78	2.3	ug/m3	69.5
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.59	1.4	2.4	ug/m3	27.5
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	3480
SVMW-12-350	SV12-350-212	4/19/2021	N	Y	J	J	0.34	0.78	2.4	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	374
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
SVMW-12-450	SV12-450-212	4/19/2021	N	Y	J	J	0.33	0.78	4.6	ug/m3	104000
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	Y	J	J	0.3	0.78	2.4	ug/m3	174000
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.31	0.78	4.6	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	24300
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.69	1.6	4.6	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	Y		V	0.59	1.5	2.4	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.64	1.6	4.6	ug/m3	3480
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.64	1.6	4.6	ug/m3	3480
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.34	0.78	2.3	ug/m3	156
SVMW-12-450	SV12-450-212	4/19/2021	N	Y	J	J	0.3	0.78	4.6	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			1.7	3.8	24	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			1	2.9	4.6	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	5.5	12	24	ug/m3	1080000
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.32	0.78	2.4	ug/m3	40.7
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	120
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
SVMW-12-450	SV12-450-212	4/19/2021	N	Y	J	J	0.26	0.78	2.4	ug/m3	55.9
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.73	2.5	4.6	ug/m3	24300
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
SVMW-12-450	SV12-450-212	4/19/2021	N	Y	J	J	0.5	1.5	4.6	ug/m3	174000
SVMW-12-450	SV12-450-212	4/19/2021	N	Y			0.33	0.78	2.3	ug/m3	69.5
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	3480
SVMW-12-450	SV12-450-212	4/19/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	NS
SVMW-12-450	SV12-450-212	4/19/2021	N	Y		D	3.5	7.8	24	ug/m3	1040000
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			44	100	310	ug/m3	374
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	51	190	310	ug/m3	34800
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	37	100	310	ug/m3	1.56
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	52	190	310	ug/m3	31.2
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	35	100	310	ug/m3	36
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	43	100	590	ug/m3	104000
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			45	100	310	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			38	100	310	ug/m3	174000
SVMW-13-150	SV13-150-212	4/20/2021	N	Y	J	J	40	100	590	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			65	190	310	ug/m3	24300
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			89	200	590	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			77	190	310	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	77	190	590	ug/m3	69.5
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	37	100	310	ug/m3	187

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	41	100	310	ug/m3	34.7
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	41	100	310	ug/m3	1390
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			83	200	590	ug/m3	3480
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	170	380	590	ug/m3	2430
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			50	190	310	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			83	200	590	ug/m3	3480
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	44	100	300	ug/m3	156
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	39	100	590	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	220	490	3100	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	130	370	590	ug/m3	NS
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	710	1600	3100	ug/m3	1080000
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	42	100	310	ug/m3	40.7
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			45	100	310	ug/m3	120
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	51	190	310	ug/m3	520
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	39	190	310	ug/m3	348000
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	34	100	310	ug/m3	55.9
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	89	190	310	ug/m3	20900
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	94	320	590	ug/m3	24300
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	65	190	310	ug/m3	851
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	45	100	310	ug/m3	25.3
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	46	190	320	ug/m3	585
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	48	190	300	ug/m3	24300
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	51	190	310	ug/m3	3480
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	45	100	310	ug/m3	1040000
SVMW-13-150	SV13-150-212	4/20/2021	N	Y	J	J	65	190	590	ug/m3	174000
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	42	100	300	ug/m3	69.5
SVMW-13-150	SV13-150-212	4/20/2021	N	N	U	U	77	180	310	ug/m3	27.5
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			45	100	310	ug/m3	3480
SVMW-13-150	SV13-150-212	4/20/2021	N	Y			44	100	310	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.32	0.73	2.2	ug/m3	374
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	1.56
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.25	0.73	2.2	ug/m3	36
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.31	0.73	4.3	ug/m3	104000
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.33	0.73	2.3	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.28	0.73	2.2	ug/m3	174000
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.29	0.73	4.3	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.47	1.4	2.2	ug/m3	24300
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.65	1.5	4.3	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	JV	0.56	1.4	2.2	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	187
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.3	0.73	2.2	ug/m3	34.7
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.3	0.73	2.2	ug/m3	1390
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.32	0.73	2.2	ug/m3	156
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.28	0.73	4.3	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	1.6	3.6	23	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.95	2.7	4.3	ug/m3	NS
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	5.2	12	22	ug/m3	1080000
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.31	0.73	2.3	ug/m3	40.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.33	0.73	2.2	ug/m3	120
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	520
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.25	0.73	2.3	ug/m3	55.9
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.65	1.4	2.2	ug/m3	20900
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.69	2.3	4.3	ug/m3	24300
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.33	0.73	2.2	ug/m3	25.3
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.34	1.4	2.3	ug/m3	585
SVMW-13-250	SV13-250-212	4/20/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.33	0.73	2.3	ug/m3	1040000
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.47	1.4	4.3	ug/m3	174000
SVMW-13-250	SV13-250-212	4/20/2021	N	N	U	U	0.31	0.73	2.2	ug/m3	69.5
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.56	1.3	2.2	ug/m3	27.5
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.33	0.73	2.3	ug/m3	3480
SVMW-13-250	SV13-250-212	4/20/2021	N	Y			0.32	0.73	2.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y	J	J	0.31	0.71	2.2	ug/m3	374
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.36	1.3	2.2	ug/m3	34800
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.26	0.71	2.2	ug/m3	1.56
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.37	1.3	2.2	ug/m3	31.2
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.24	0.71	2.2	ug/m3	36
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.3	0.71	4.2	ug/m3	104000
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.27	0.71	2.2	ug/m3	174000
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.28	0.71	4.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.46	1.3	2.2	ug/m3	24300
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.62	1.4	4.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.46	1.3	2.2	ug/m3	24300
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.62	1.4	4.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y		V	0.54	1.3	2.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.54	1.3	4.2	ug/m3	69.5
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.26	0.71	2.2	ug/m3	187
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.29	0.71	2.2	ug/m3	34.7
SVMW-13-350	SV13-350-212	4/20/2021	N	Y	J	J	0.29	0.71	2.2	ug/m3	1390
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.58	1.4	4.2	ug/m3	3480
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	1.2	2.7	4.2	ug/m3	2430
SVMW-13-350	SV13-350-212	4/20/2021	N	Y	J	J	0.35	1.3	2.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.58	1.4	4.2	ug/m3	3480
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.31	0.71	2.1	ug/m3	156
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.27	0.71	4.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y	J	J	1.5	3.4	22	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.91	2.6	4.2	ug/m3	NS
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			5	11	22	ug/m3	1080000
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.29	0.71	2.2	ug/m3	40.7
SVMW-13-350	SV13-350-212	4/20/2021	N	Y	J	J	0.32	0.71	2.2	ug/m3	120
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.36	1.3	2.2	ug/m3	520
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.27	1.3	2.2	ug/m3	348000
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.24	0.71	2.2	ug/m3	55.9
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.62	1.3	2.2	ug/m3	20900
SVMW-13-350	SV13-350-212	4/20/2021	N	Y	J	J	0.66	2.2	4.2	ug/m3	24300
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.46	1.3	2.2	ug/m3	851
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.32	0.71	2.2	ug/m3	25.3
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.32	1.4	2.2	ug/m3	585
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.34	1.3	2.1	ug/m3	24300
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.36	1.3	2.2	ug/m3	3480
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.46	1.3	4.2	ug/m3	174000
SVMW-13-350	SV13-350-212	4/20/2021	N	N	U	U	0.3	0.71	2.1	ug/m3	69.5
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.54	1.3	2.2	ug/m3	27.5
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	3480
SVMW-13-350	SV13-350-212	4/20/2021	N	Y			0.31	0.71	2.2	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.37	0.84	2.6	ug/m3	374
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	1.56
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.29	0.84	2.6	ug/m3	36
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.36	0.84	5	ug/m3	104000
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.38	0.84	2.6	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.32	0.84	2.6	ug/m3	174000
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.33	0.84	5	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.54	1.6	2.6	ug/m3	24300
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.74	1.7	5	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y		V	0.64	1.6	2.6	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.64	1.6	5	ug/m3	69.5
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.31	0.84	2.6	ug/m3	187
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	34.7
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.34	0.84	2.6	ug/m3	1390
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.69	1.7	5	ug/m3	3480
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.69	1.7	5	ug/m3	3480
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.37	0.84	2.5	ug/m3	156
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.33	0.84	5	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	1.1	3.1	5	ug/m3	NS
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	5.9	13	26	ug/m3	1080000
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.35	0.84	2.6	ug/m3	40.7
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.38	0.84	2.6	ug/m3	120
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.28	0.84	2.6	ug/m3	55.9
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.74	1.6	2.6	ug/m3	20900
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.79	2.7	5	ug/m3	24300
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.54	1.6	2.6	ug/m3	851
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.38	0.84	2.6	ug/m3	25.3
SVMW-13-450	SV13-450-212	4/20/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.4	1.6	2.5	ug/m3	24300
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.38	0.84	2.6	ug/m3	1040000
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.54	1.6	5	ug/m3	174000
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.36	0.84	2.5	ug/m3	69.5
SVMW-13-450	SV13-450-212	4/20/2021	N	Y	J	J	0.64	1.5	2.6	ug/m3	27.5
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.38	0.84	2.6	ug/m3	3480
SVMW-13-450	SV13-450-212	4/20/2021	N	Y			0.37	0.84	2.6	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.34	0.78	2.4	ug/m3	374
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	34800
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.28	0.78	2.4	ug/m3	1.56
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.33	0.78	4.6	ug/m3	104000
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.31	0.78	4.6	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.5	1.5	2.4	ug/m3	24300
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.69	1.6	4.6	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y	J	JV	0.59	1.5	2.4	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.59	1.5	4.6	ug/m3	69.5
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.39	1.5	2.4	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.34	0.78	2.3	ug/m3	156
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			1.7	3.8	24	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
SVMW-15-150	SV15-150-212	4/19/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
SVMW-15-150	SV15-150-212	4/19/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	40.7
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	120
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.39	1.5	2.4	ug/m3	520
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
SVMW-15-150	SV15-150-212	4/19/2021	N	Y	J	J	0.73	2.5	4.6	ug/m3	24300
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.5	1.5	2.4	ug/m3	851
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
SVMW-15-150	SV15-150-212	4/19/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.5	1.5	4.6	ug/m3	174000
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.33	0.78	2.3	ug/m3	69.5
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.59	1.4	2.4	ug/m3	27.5
SVMW-15-150	SV15-150-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
SVMW-15-150	SV15-150-212	4/19/2021	N	N	U	U	0.34	0.78	2.4	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	Y	J	J	0.26	0.58	1.8	ug/m3	374
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.29	1.1	1.8	ug/m3	34800
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.21	0.58	1.8	ug/m3	1.56
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.3	1.1	1.8	ug/m3	31.2
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.2	0.58	1.8	ug/m3	36
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.25	0.58	3.4	ug/m3	104000
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.26	0.58	1.8	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.22	0.58	1.8	ug/m3	174000
SVMW-15-250	SV15-250-212	4/19/2021	N	Y	J	J	0.23	0.58	3.4	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.38	1.1	1.8	ug/m3	24300
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.51	1.2	3.4	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	Y		V	0.45	1.1	1.8	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.45	1.1	3.4	ug/m3	69.5
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.22	0.58	1.8	ug/m3	187
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.24	0.58	1.8	ug/m3	34.7
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.24	0.58	1.8	ug/m3	1390
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.48	1.2	3.4	ug/m3	3480
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.96	2.2	3.4	ug/m3	2430
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.29	1.1	1.8	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.48	1.2	3.4	ug/m3	3480
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.25	0.58	1.7	ug/m3	156
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.23	0.58	3.4	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			1.3	2.8	18	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.75	2.2	3.4	ug/m3	NS
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	4.1	9.2	18	ug/m3	1080000
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.24	0.58	1.8	ug/m3	40.7
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.26	0.58	1.8	ug/m3	120
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.29	1.1	1.8	ug/m3	520
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.23	1.1	1.8	ug/m3	348000
SVMW-15-250	SV15-250-212	4/19/2021	N	Y	J	J	0.2	0.58	1.8	ug/m3	55.9
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.51	1.1	1.8	ug/m3	20900
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.55	1.8	3.4	ug/m3	24300
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.38	1.1	1.8	ug/m3	851
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.26	0.58	1.8	ug/m3	25.3
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.27	1.1	1.8	ug/m3	585
SVMW-15-250	SV15-250-212	4/19/2021	N	Y	J	J	0.28	1.1	1.7	ug/m3	24300
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.3	1.1	1.8	ug/m3	3480
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.26	0.58	1.8	ug/m3	1040000
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.38	1.1	3.4	ug/m3	174000
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.25	0.58	1.7	ug/m3	69.5
SVMW-15-250	SV15-250-212	4/19/2021	N	N	U	U	0.45	1.1	1.8	ug/m3	27.5
SVMW-15-250	SV15-250-212	4/19/2021	N	Y			0.26	0.58	1.8	ug/m3	3480
SVMW-15-250	SV15-250-212	4/19/2021	N	Y	J	J	0.25	0.58	1.8	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	28	63	190	ug/m3	374
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	32	120	190	ug/m3	34800
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	23	63	190	ug/m3	1.56
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	33	120	190	ug/m3	31.2
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	22	63	190	ug/m3	36
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	27	63	370	ug/m3	104000
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	29	63	200	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	24	63	190	ug/m3	174000
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	25	63	370	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	Y			41	120	190	ug/m3	24300
SVMW-15-350	SV15-350-212	4/19/2021	N	Y			56	130	370	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	48	120	190	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	48	120	370	ug/m3	69.5
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	23	63	190	ug/m3	187
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	26	63	190	ug/m3	34.7
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	26	63	190	ug/m3	1390
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	52	130	370	ug/m3	3480
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	100	240	370	ug/m3	2430
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	32	120	190	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	52	130	370	ug/m3	3480
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	28	63	190	ug/m3	156
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	25	63	370	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	140	310	2000	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	82	230	370	ug/m3	NS
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	450	1000	1900	ug/m3	1080000
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	26	63	200	ug/m3	40.7
SVMW-15-350	SV15-350-212	4/19/2021	N	Y			29	63	190	ug/m3	120
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	32	120	190	ug/m3	520
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	25	120	190	ug/m3	348000
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	21	63	200	ug/m3	55.9
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	56	120	190	ug/m3	20900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	60	200	370	ug/m3	24300
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	41	120	200	ug/m3	851
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	29	63	190	ug/m3	25.3
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	29	120	200	ug/m3	585
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	30	120	190	ug/m3	24300
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	32	120	190	ug/m3	3480
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	28	63	200	ug/m3	1040000
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	41	120	370	ug/m3	174000
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	27	63	190	ug/m3	69.5
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	48	120	190	ug/m3	27.5
SVMW-15-350	SV15-350-212	4/19/2021	N	Y	J	J	29	63	200	ug/m3	3480
SVMW-15-350	SV15-350-212	4/19/2021	N	N	U	U	28	63	190	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	Y		D	1700	6300	10000	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			370	840	2600	ug/m3	374
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	420	1600	2600	ug/m3	34800
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	310	840	2600	ug/m3	1.56
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	430	1600	2600	ug/m3	31.2
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	290	840	2600	ug/m3	36
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	360	840	4900	ug/m3	104000
SVMW-15-450	SV15-450-212	4/19/2021	N	Y	J	J	380	840	2600	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			320	840	2600	ug/m3	174000
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	330	840	4900	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			540	1600	2600	ug/m3	24300
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			740	1700	4900	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	640	1600	2600	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	640	1600	4900	ug/m3	69.5
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	310	840	2600	ug/m3	187
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	340	840	2600	ug/m3	34.7
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	340	840	2600	ug/m3	1390
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			690	1700	4900	ug/m3	3480
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	1400	3200	4900	ug/m3	2430
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			690	1700	4900	ug/m3	3480
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	360	840	2500	ug/m3	156
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	330	840	4900	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	1800	4100	26000	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	1100	3100	4900	ug/m3	NS
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	5900	13000	26000	ug/m3	1080000
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	350	840	2600	ug/m3	40.7
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			380	840	2600	ug/m3	120
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	420	1600	2600	ug/m3	520
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	330	1600	2600	ug/m3	348000
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	280	840	2600	ug/m3	55.9
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	740	1600	2600	ug/m3	20900
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	790	2700	4900	ug/m3	24300
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	540	1600	2600	ug/m3	851
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	380	840	2600	ug/m3	25.3
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	380	1600	2700	ug/m3	585
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	400	1600	2500	ug/m3	24300
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	430	1600	2600	ug/m3	3480
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	370	840	2600	ug/m3	1040000
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	540	1600	4900	ug/m3	174000
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	350	840	2500	ug/m3	69.5
SVMW-15-450	SV15-450-212	4/19/2021	N	N	U	U	640	1500	2600	ug/m3	27.5
SVMW-15-450	SV15-450-212	4/19/2021	N	Y			380	840	2600	ug/m3	3480
SVMW-15-450	SV15-450-212	4/19/2021	N	Y	J	J	360	840	2600	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.37	0.85	2.6	ug/m3	374
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.29	0.85	2.6	ug/m3	36
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.36	0.85	5	ug/m3	104000
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.38	0.85	2.6	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.32	0.85	2.6	ug/m3	174000
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.33	0.85	5	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.75	1.7	5	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	0.65	1.6	2.6	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	187
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	0.34	0.85	2.6	ug/m3	1390
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.7	1.7	5	ug/m3	3480
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.7	1.7	5	ug/m3	3480
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.37	0.85	2.5	ug/m3	156
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	1.1	3.1	5	ug/m3	NS
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	6	13	26	ug/m3	1080000
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	40.7
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	120
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	120
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.28	0.85	2.6	ug/m3	55.9
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.8	2.7	5	ug/m3	24300
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	851
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	25.3
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.38	0.85	2.6	ug/m3	1040000
SVMW-01-050	SV01-050-212	4/19/2021	N	Y	J	J	0.55	1.6	5	ug/m3	174000
SVMW-01-050	SV01-050-212	4/19/2021	N	N	U	U	0.36	0.85	2.5	ug/m3	69.5
SVMW-01-050	SV01-050-212	4/19/2021	N	Y		B, V	0.65	1.5	2.6	ug/m3	27.5
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.38	0.85	2.6	ug/m3	3480
SVMW-01-050	SV01-050-212	4/19/2021	N	Y			0.37	0.85	2.6	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	Y	J	J	2100	4800	15000	ug/m3	374
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2400	9000	15000	ug/m3	34800
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1700	4800	15000	ug/m3	1.56
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2500	9000	15000	ug/m3	31.2
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1700	4800	15000	ug/m3	36
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2100	4800	28000	ug/m3	104000
SVMW-01-100	SV01-100-212	4/19/2021	N	Y	J	J	2200	4800	15000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			1800	4800	15000	ug/m3	174000
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1900	4800	28000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			3100	9000	15000	ug/m3	24300
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			4200	9600	28000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	Y	J	J	3700	9000	15000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	3700	9000	28000	ug/m3	69.5
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1800	4800	15000	ug/m3	187
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2000	4800	15000	ug/m3	34.7
SVMW-01-100	SV01-100-212	4/19/2021	N	Y	J	J	1900	4800	15000	ug/m3	1390
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			3900	9600	28000	ug/m3	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	7900	18000	28000	ug/m3	2430
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			2400	9000	15000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			3900	9600	28000	ug/m3	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2100	4800	14000	ug/m3	156
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1900	4800	28000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	10000	23000	150000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	6200	18000	28000	ug/m3	NS
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	34000	76000	150000	ug/m3	1080000
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2000	4800	15000	ug/m3	40.7
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			2200	4800	15000	ug/m3	120
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2400	9000	15000	ug/m3	520
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1900	9000	15000	ug/m3	348000
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	1600	4800	15000	ug/m3	55.9
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	4200	9000	15000	ug/m3	20900
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	4500	15000	28000	ug/m3	24300
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	3100	9000	15000	ug/m3	851
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2200	4800	15000	ug/m3	25.3
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2200	9300	15000	ug/m3	585
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2300	9000	14000	ug/m3	24300
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2500	9000	15000	ug/m3	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	Y	J	J	2100	4800	15000	ug/m3	1040000
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	3100	9000	28000	ug/m3	174000
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2000	4800	14000	ug/m3	69.5
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	3100	9000	28000	ug/m3	174000
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	2000	4800	14000	ug/m3	69.5
SVMW-01-100	SV01-100-212	4/19/2021	N	N	U	U	3700	8700	15000	ug/m3	27.5
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			2200	4800	15000	ug/m3	3480
SVMW-01-100	SV01-100-212	4/19/2021	N	Y			2100	4800	15000	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	Y	J	J	890	2000	6200	ug/m3	374
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1000	3800	6200	ug/m3	34800
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	740	2000	6200	ug/m3	1.56
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1000	3800	6200	ug/m3	31.2
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	700	2000	6200	ug/m3	36
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	870	2000	12000	ug/m3	104000
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	910	2000	6300	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			770	2000	6200	ug/m3	174000
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	800	2000	12000	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			1300	3800	6200	ug/m3	24300
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			1800	4000	12000	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			1500	3800	6200	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1500	3800	12000	ug/m3	69.5
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	750	2000	6200	ug/m3	187
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	830	2000	6200	ug/m3	34.7
SVMW-01-250	SV01-250-212	4/19/2021	N	Y	J	J	820	2000	6200	ug/m3	1390
SVMW-01-250	SV01-250-212	4/19/2021	N	Y	J	J	1700	4000	12000	ug/m3	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	3300	7700	12000	ug/m3	2430
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			1000	3800	6200	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1700	4000	12000	ug/m3	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	880	2000	6100	ug/m3	156
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	780	2000	12000	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	4400	9800	63000	ug/m3	NS
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	2600	7500	12000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	14000	32000	62000	ug/m3	1080000
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	840	2000	6300	ug/m3	40.7
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			910	2000	6200	ug/m3	120
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1000	3800	6200	ug/m3	520
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	780	3800	6200	ug/m3	348000
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	680	2000	6300	ug/m3	55.9
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1800	3800	6200	ug/m3	20900
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1900	6400	12000	ug/m3	24300
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1300	3800	6300	ug/m3	851
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	910	2000	6200	ug/m3	25.3
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	930	3900	6400	ug/m3	585
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	960	3800	6100	ug/m3	24300
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1000	3800	6200	ug/m3	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	Y	J	J	900	2000	6300	ug/m3	1040000
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1300	3800	12000	ug/m3	174000
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	850	2000	6100	ug/m3	69.5
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	1500	3700	6200	ug/m3	27.5
SVMW-01-250	SV01-250-212	4/19/2021	N	Y			910	2000	6300	ug/m3	3480
SVMW-01-250	SV01-250-212	4/19/2021	N	N	U	U	880	2000	6200	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	15	34	100	ug/m3	374
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	17	63	100	ug/m3	34800
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	12	34	100	ug/m3	1.56
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	17	63	100	ug/m3	31.2
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	12	34	100	ug/m3	36
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	14	34	200	ug/m3	104000
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	15	34	100	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			13	34	100	ug/m3	174000
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	13	34	200	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			22	63	100	ug/m3	24300
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			30	67	200	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			26	63	100	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	26	63	200	ug/m3	69.5
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	12	34	100	ug/m3	187
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	14	34	100	ug/m3	34.7
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	14	34	100	ug/m3	1390
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			28	67	200	ug/m3	3480
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	55	130	200	ug/m3	2430
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			17	63	100	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	28	67	200	ug/m3	3480
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	15	34	100	ug/m3	156
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	13	34	200	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	73	160	1000	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			44	120	200	ug/m3	NS
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	240	530	1000	ug/m3	1080000
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	14	34	100	ug/m3	40.7
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			15	34	100	ug/m3	120
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	17	63	100	ug/m3	520
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	13	63	100	ug/m3	348000
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	11	34	100	ug/m3	55.9
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	30	63	100	ug/m3	20900
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	32	110	200	ug/m3	24300
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	22	63	100	ug/m3	851
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	15	34	100	ug/m3	25.3
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	15	65	110	ug/m3	585
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	16	63	100	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	17	63	100	ug/m3	3480
SVMW-01-300	SV01-300-212	4/19/2021	N	Y			15	34	100	ug/m3	1040000
SVMW-01-300	SV01-300-212	4/19/2021	N	N	U	U	22	63	200	ug/m3	174000
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	14	34	100	ug/m3	69.5
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J, B, V	26	61	100	ug/m3	27.5
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	15	34	100	ug/m3	3480
SVMW-01-300	SV01-300-212	4/19/2021	N	Y	J	J	15	34	100	ug/m3	NS
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.9	22	68	ug/m3	374
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	11	42	68	ug/m3	34800
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	8.1	22	68	ug/m3	1.56
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	12	42	68	ug/m3	31.2
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	7.7	22	68	ug/m3	36
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.6	22	130	ug/m3	104000
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	10	22	70	ug/m3	NS
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	8.5	22	68	ug/m3	174000
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	8.8	22	130	ug/m3	NS
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	14	42	68	ug/m3	24300
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	20	45	130	ug/m3	NS
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	17	42	68	ug/m3	NS
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	17	42	130	ug/m3	69.5
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	8.3	22	68	ug/m3	187
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.2	22	68	ug/m3	34.7
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.1	22	68	ug/m3	1390
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	18	45	130	ug/m3	3480
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	37	85	130	ug/m3	2430
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	11	42	68	ug/m3	NS
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	18	45	130	ug/m3	3480
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.7	22	68	ug/m3	20900
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	20	42	68	ug/m3	20900
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	21	71	130	ug/m3	24300
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	14	42	70	ug/m3	851
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	10	22	68	ug/m3	25.3
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	10	43	71	ug/m3	585
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	11	42	67	ug/m3	24300
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	11	42	68	ug/m3	3480
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	10	22	70	ug/m3	1040000
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	14	42	130	ug/m3	174000
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.5	22	67	ug/m3	69.5
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	17	41	68	ug/m3	27.5
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	10	22	70	ug/m3	3480
SVMW-02-050	SV02-050-212	4/19/2021	N	N	U	U	9.7	22	68	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1000	2300	7200	ug/m3	374
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1200	4400	7200	ug/m3	34800
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			860	2300	7200	ug/m3	1.56
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1200	4400	7200	ug/m3	31.2
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	810	2300	7200	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1000	2300	14000	ug/m3	104000
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1100	2300	7300	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	920	2300	14000	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1500	4400	7200	ug/m3	24300
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			2100	4700	14000	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	Y	J	J	1800	4400	7200	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1800	4400	14000	ug/m3	69.5
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	870	2300	7200	ug/m3	187
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	970	2300	7200	ug/m3	34.7
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	950	2300	7200	ug/m3	1390
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1900	4700	14000	ug/m3	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	3900	9000	14000	ug/m3	2430
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1900	4700	14000	ug/m3	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1000	2300	7000	ug/m3	156
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	910	2300	14000	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	5100	11000	73000	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	3000	8700	14000	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	17000	37000	72000	ug/m3	1080000
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	980	2300	7300	ug/m3	40.7
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1100	2300	7200	ug/m3	120
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1200	4400	7200	ug/m3	520
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	910	4400	7200	ug/m3	348000
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	790	2300	7300	ug/m3	55.9
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	2100	4400	7200	ug/m3	20900
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	2200	7500	14000	ug/m3	24300
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1500	4400	7300	ug/m3	851
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1100	2300	7200	ug/m3	25.3
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1100	4600	7500	ug/m3	585
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1100	4400	7000	ug/m3	24300
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1200	4400	7200	ug/m3	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1000	2300	7300	ug/m3	1040000
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1500	4400	14000	ug/m3	174000
SVMW-02-100	SV02-100-212	4/19/2021	N	Y	J	J	990	2300	7000	ug/m3	69.5
SVMW-02-100	SV02-100-212	4/19/2021	N	N	U	U	1800	4300	7200	ug/m3	27.5
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1100	2300	7300	ug/m3	3480
SVMW-02-100	SV02-100-212	4/19/2021	N	Y			1000	2300	7200	ug/m3	NS
SVMW-02-100	SV02-100-212	4/19/2021	N	Y		D	2700	7000	22000	ug/m3	174000
SVMW-02-100	SV02-100-212	4/19/2021	N	Y		D	3500	13000	22000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1200	2600	8000	ug/m3	374
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1300	4900	8000	ug/m3	34800
SVMW-02-150	SV02-150-212	4/19/2021	N	Y	J	J	960	2600	8000	ug/m3	1.56
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1400	4900	8000	ug/m3	31.2
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	910	2600	8000	ug/m3	36
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1100	2600	15000	ug/m3	104000
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1200	2600	8200	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1000	2600	8000	ug/m3	174000
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1000	2600	15000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1700	4900	8000	ug/m3	24300
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			2300	5200	15000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	2000	4900	8000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	2000	4900	15000	ug/m3	69.5
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	970	2600	8000	ug/m3	187
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1100	2600	8000	ug/m3	34.7
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1100	2600	8000	ug/m3	1390
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			2200	5200	15000	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	4300	10000	15000	ug/m3	2430
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			2200	5200	15000	ug/m3	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1100	2600	7900	ug/m3	156
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1000	2600	15000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	5700	13000	82000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	3400	9700	15000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	19000	42000	80000	ug/m3	1080000
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1100	2600	8200	ug/m3	40.7
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1200	2600	8000	ug/m3	120
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1300	4900	8000	ug/m3	520
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1000	4900	8000	ug/m3	348000
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	880	2600	8200	ug/m3	55.9
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	2300	4900	8000	ug/m3	20900
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	2500	8300	15000	ug/m3	24300
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1700	4900	8200	ug/m3	851
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1200	2600	8000	ug/m3	25.3
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1200	5100	8300	ug/m3	585
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1200	4900	7900	ug/m3	24300
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1300	4900	8000	ug/m3	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1200	2600	8200	ug/m3	1040000
SVMW-02-150	SV02-150-212	4/19/2021	N	Y	J	J	1700	4900	15000	ug/m3	174000
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	1100	2600	7900	ug/m3	69.5
SVMW-02-150	SV02-150-212	4/19/2021	N	N	U	U	2000	4800	8000	ug/m3	27.5
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1200	2600	8200	ug/m3	3480
SVMW-02-150	SV02-150-212	4/19/2021	N	Y			1100	2600	8000	ug/m3	NS
SVMW-02-150	SV02-150-212	4/19/2021	N	Y		D	2600	9900	16000	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			1100	2500	7700	ug/m3	374
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1300	4800	7700	ug/m3	34800
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y	J	J	920	2500	7700	ug/m3	1.56
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1300	4800	7700	ug/m3	31.2
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	880	2500	7700	ug/m3	36
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1100	2500	15000	ug/m3	104000
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			1100	2500	7900	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			970	2500	7700	ug/m3	174000
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	990	2500	15000	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			1600	4800	7700	ug/m3	24300
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			2200	5000	15000	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1900	4800	7700	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1900	4800	15000	ug/m3	69.5
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	940	2500	7700	ug/m3	187
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1000	2500	7700	ug/m3	34.7
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1000	2500	7700	ug/m3	1390
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			2100	5000	15000	ug/m3	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	4200	9700	15000	ug/m3	2430
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			2100	5000	15000	ug/m3	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1100	2500	7600	ug/m3	156
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	980	2500	15000	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	5500	12000	79000	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	3300	9400	15000	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	18000	40000	77000	ug/m3	1080000
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1100	2500	7900	ug/m3	40.7
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			1100	2500	7700	ug/m3	120
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1300	4800	7700	ug/m3	520
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	980	4800	7700	ug/m3	348000
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	850	2500	7900	ug/m3	55.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	2200	4800	7700	ug/m3	20900
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	2400	8000	15000	ug/m3	24300
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1600	4800	7900	ug/m3	851
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1100	2500	7700	ug/m3	25.3
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1200	4900	8000	ug/m3	585
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1200	4800	7600	ug/m3	24300
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1300	4800	7700	ug/m3	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1100	2500	7900	ug/m3	1040000
SVMW-02-150	SV02-150-612	4/19/2021	FD	N	U	U	1600	4800	15000	ug/m3	174000
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y	J	J	1100	2500	7600	ug/m3	69.5
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y	J	J, B, V	1900	4600	7700	ug/m3	27.5
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			1100	2500	7900	ug/m3	3480
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y			1100	2500	7700	ug/m3	NS
SVMW-02-150	SV02-150-612	4/19/2021	FD	Y		D	3300	12000	20000	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	374
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	1.56
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.34	0.78	4.6	ug/m3	104000
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.31	0.78	4.6	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.51	1.5	2.4	ug/m3	24300
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.69	1.6	4.6	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.6	1.5	2.4	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
SVMW-05-050	SV05-050-212	4/19/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	1390
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.39	1.5	2.4	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
SVMW-05-050	SV05-050-212	4/19/2021	N	Y	J	J	0.34	0.78	2.3	ug/m3	156
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			1	2.9	4.6	ug/m3	NS
SVMW-05-050	SV05-050-212	4/19/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.33	0.78	2.4	ug/m3	40.7
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	120
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
SVMW-05-050	SV05-050-212	4/19/2021	N	Y	J	J	0.74	2.5	4.6	ug/m3	24300
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	851
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.51	1.5	4.6	ug/m3	174000
SVMW-05-050	SV05-050-212	4/19/2021	N	N	U	U	0.33	0.78	2.3	ug/m3	69.5
SVMW-05-050	SV05-050-212	4/19/2021	N	Y		B, V	0.6	1.4	2.4	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
SVMW-05-050	SV05-050-212	4/19/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.33	0.74	2.3	ug/m3	374
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.37	1.4	2.3	ug/m3	34800
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.27	0.74	2.3	ug/m3	1.56
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.38	1.4	2.3	ug/m3	31.2
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.26	0.74	2.3	ug/m3	36
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.32	0.74	4.4	ug/m3	104000
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.33	0.74	2.3	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.28	0.74	2.3	ug/m3	174000
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.29	0.74	4.4	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.48	1.4	2.3	ug/m3	24300
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.65	1.5	4.4	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	0.57	1.4	2.3	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.57	1.4	4.4	ug/m3	69.5
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.27	0.74	2.3	ug/m3	187
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.3	0.74	2.3	ug/m3	34.7
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	0.3	0.74	2.3	ug/m3	1390
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.61	1.5	4.4	ug/m3	3480
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	1.2	2.8	4.4	ug/m3	2430
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.37	1.4	2.3	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.61	1.5	4.4	ug/m3	3480
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	0.32	0.74	2.2	ug/m3	156
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.29	0.74	4.4	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	1.6	3.6	23	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.96	2.7	4.4	ug/m3	NS
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	5.2	12	23	ug/m3	1080000
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.31	0.74	2.3	ug/m3	40.7
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	5.2	12	23	ug/m3	1080000
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.31	0.74	2.3	ug/m3	40.7
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.33	0.74	2.3	ug/m3	120
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.37	1.4	2.3	ug/m3	520
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.29	1.4	2.3	ug/m3	348000
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.25	0.74	2.3	ug/m3	55.9
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.65	1.4	2.3	ug/m3	20900
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y	J	J	0.7	2.3	4.4	ug/m3	24300
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.48	1.4	2.3	ug/m3	851
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.33	0.74	2.3	ug/m3	25.3
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.34	1.4	2.3	ug/m3	585
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.35	1.4	2.2	ug/m3	24300
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.38	1.4	2.3	ug/m3	3480
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.33	0.74	2.3	ug/m3	1040000
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.48	1.4	4.4	ug/m3	174000
SVMW-05-050	SV05-050-612	4/19/2021	FD	N	U	U	0.31	0.74	2.2	ug/m3	69.5
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y		B, V	0.57	1.3	2.3	ug/m3	27.5
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.33	0.74	2.3	ug/m3	3480
SVMW-05-050	SV05-050-612	4/19/2021	FD	Y			0.32	0.74	2.3	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.2	2.6	8	ug/m3	374
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.3	4.9	8	ug/m3	34800
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	0.95	2.6	8	ug/m3	1.56
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.3	4.9	8	ug/m3	31.2
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	0.9	2.6	8	ug/m3	36
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.1	2.6	15	ug/m3	104000
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.2	2.6	8.1	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1	2.6	8	ug/m3	174000
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1	2.6	15	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	Y			1.7	4.9	8	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-05-100	SV05-100-212	4/19/2021	N	Y			2.3	5.2	15	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	2	4.9	8	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	2	4.9	15	ug/m3	69.5
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	0.97	2.6	8	ug/m3	187
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.1	2.6	8	ug/m3	34.7
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.1	2.6	8	ug/m3	1390
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	2.1	5.2	15	ug/m3	3480
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	4.3	10	15	ug/m3	2430
SVMW-05-100	SV05-100-212	4/19/2021	N	Y			1.3	4.9	8	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	2.1	5.2	15	ug/m3	3480
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.1	2.6	7.8	ug/m3	156
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1	2.6	15	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	5.7	13	81	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	3.4	9.7	15	ug/m3	NS
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	18	41	80	ug/m3	1080000
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.1	2.6	8.1	ug/m3	40.7
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.2	2.6	8	ug/m3	120
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.3	4.9	8	ug/m3	520
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1	4.9	8	ug/m3	348000
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	0.87	2.6	8.1	ug/m3	55.9
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	2.3	4.9	8	ug/m3	20900
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	2.5	8.3	15	ug/m3	24300
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.7	4.9	8.1	ug/m3	851
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.2	2.6	8	ug/m3	25.3
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.2	5.1	8.3	ug/m3	585
SVMW-05-100	SV05-100-212	4/19/2021	N	Y			1.2	4.9	7.8	ug/m3	24300
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.3	4.9	8	ug/m3	3480
SVMW-05-100	SV05-100-212	4/19/2021	N	Y			1.2	2.6	8.1	ug/m3	1040000
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.7	4.9	15	ug/m3	174000
SVMW-05-100	SV05-100-212	4/19/2021	N	N	U	U	1.1	2.6	7.8	ug/m3	69.5
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J, B, V	2	4.8	8	ug/m3	27.5
SVMW-05-100	SV05-100-212	4/19/2021	N	Y	J	J	1.2	2.6	8.1	ug/m3	3480
SVMW-05-100	SV05-100-212	4/19/2021	N	Y			1.1	2.6	8	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	Y	J	J	870	2000	6000	ug/m3	374
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1000	3700	6000	ug/m3	34800
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	720	2000	6000	ug/m3	1.56
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1000	3700	6000	ug/m3	31.2
SVMW-05-230	SV05-230-212	4/19/2021	N	Y	J	J	680	2000	6000	ug/m3	36
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	850	2000	12000	ug/m3	104000
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	890	2000	6100	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			750	2000	6000	ug/m3	174000
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	780	2000	12000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			1700	3900	12000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			1500	3700	6000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1500	3700	12000	ug/m3	69.5
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	730	2000	6000	ug/m3	187
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	810	2000	6000	ug/m3	34.7
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	800	2000	6000	ug/m3	1390
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			1600	3900	12000	ug/m3	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	3200	7500	12000	ug/m3	2430
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			990	3700	6000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			1600	3900	12000	ug/m3	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	860	2000	5900	ug/m3	156
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	770	2000	12000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	4300	9600	61000	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	2600	7300	12000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	14000	31000	60000	ug/m3	1080000
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	820	2000	6100	ug/m3	40.7
SVMW-05-230	SV05-230-212	4/19/2021	N	Y			890	2000	6000	ug/m3	120
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1000	3700	6000	ug/m3	520
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	770	3700	6000	ug/m3	348000
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	660	2000	6100	ug/m3	55.9
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1700	3700	6000	ug/m3	20900
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1900	6300	12000	ug/m3	24300
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1300	3700	6100	ug/m3	851
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	890	2000	6000	ug/m3	25.3
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	900	3800	6300	ug/m3	585
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	940	3700	5900	ug/m3	24300
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1000	3700	6000	ug/m3	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	880	2000	6100	ug/m3	1040000
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1300	3700	12000	ug/m3	174000
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	840	2000	5900	ug/m3	69.5
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	1500	3600	6000	ug/m3	27.5
SVMW-05-230	SV05-230-212	4/19/2021	N	Y	J	J	890	2000	6100	ug/m3	3480
SVMW-05-230	SV05-230-212	4/19/2021	N	N	U	U	860	2000	6000	ug/m3	NS
SVMW-05-230	SV05-230-212	4/19/2021	N	Y		D	3800	11000	18000	ug/m3	24300
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	4.2	9.6	29	ug/m3	374
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4.9	18	29	ug/m3	34800
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	3.5	9.6	29	ug/m3	1.56
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	5	18	29	ug/m3	31.2
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			3.3	9.6	29	ug/m3	36
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4.1	9.6	57	ug/m3	104000
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	4.4	9.6	30	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			3.7	9.6	29	ug/m3	174000
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	3.8	9.6	57	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			6.2	18	29	ug/m3	24300
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			8.5	19	57	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			7.4	18	29	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	7.4	18	57	ug/m3	69.5
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	3.6	9.6	29	ug/m3	187
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4	9.6	29	ug/m3	34.7
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	3.9	9.6	29	ug/m3	1390
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			7.9	19	57	ug/m3	3480
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	16	37	57	ug/m3	2430
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			4.8	18	29	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	7.9	19	57	ug/m3	3480
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			4.2	9.6	29	ug/m3	156
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	3.7	9.6	57	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	21	47	300	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	12	36	57	ug/m3	NS
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	68	150	290	ug/m3	1080000
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4	9.6	30	ug/m3	40.7
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			4.4	9.6	29	ug/m3	120
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4.9	18	29	ug/m3	520
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	3.7	18	29	ug/m3	348000
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	3.2	9.6	30	ug/m3	55.9
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	8.5	18	29	ug/m3	20900
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	9.1	31	57	ug/m3	24300
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	6.2	18	30	ug/m3	851
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4.4	9.6	29	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4.4	19	31	ug/m3	585
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	4.6	18	29	ug/m3	24300
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	4.9	18	29	ug/m3	3480
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			4.3	9.6	30	ug/m3	1040000
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	6.2	18	57	ug/m3	174000
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	4.1	9.6	29	ug/m3	69.5
SVMW-05-290	SV05-290-212	4/19/2021	N	N	U	U	7.4	18	29	ug/m3	27.5
SVMW-05-290	SV05-290-212	4/19/2021	N	Y			4.4	9.6	30	ug/m3	3480
SVMW-05-290	SV05-290-212	4/19/2021	N	Y	J	J	4.2	9.6	29	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	374
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J	0.29	0.78	2.4	ug/m3	1.56
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.34	0.78	4.6	ug/m3	104000
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.51	1.5	2.4	ug/m3	24300
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.69	1.6	4.6	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.6	1.5	2.4	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	1390
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
SVMW-06-050	SV06-050-212	4/19/2021	N	Y		V	1.3	3	4.6	ug/m3	2430
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.39	1.5	2.4	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.34	0.78	2.3	ug/m3	156
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.3	0.78	4.6	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			1	2.9	4.6	ug/m3	NS
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			5.5	12	24	ug/m3	1080000
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.33	0.78	2.4	ug/m3	40.7
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	120
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J	0.69	1.5	2.4	ug/m3	20900
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.74	2.5	4.6	ug/m3	24300
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	851
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
SVMW-06-050	SV06-050-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J	0.51	1.5	4.6	ug/m3	174000
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.33	0.78	2.3	ug/m3	69.5
SVMW-06-050	SV06-050-212	4/19/2021	N	Y	J	J, B, V	0.6	1.4	2.4	ug/m3	27.5
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	3480
SVMW-06-050	SV06-050-212	4/19/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.36	0.82	2.5	ug/m3	374
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.37	0.82	2.5	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.31	0.82	2.5	ug/m3	174000
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.53	1.5	2.5	ug/m3	24300
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.72	1.6	4.8	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.62	1.5	2.5	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.33	0.82	2.5	ug/m3	1390
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J, V	1.3	3.1	4.8	ug/m3	2430
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.41	1.5	2.5	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.36	0.82	2.4	ug/m3	156
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	1.8	4	25	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	5.8	13	25	ug/m3	1080000
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.34	0.82	2.5	ug/m3	40.7
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.37	0.82	2.5	ug/m3	120
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.27	0.82	2.5	ug/m3	55.9
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.77	2.6	4.8	ug/m3	24300
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.39	1.5	2.4	ug/m3	24300
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.36	0.82	2.5	ug/m3	1040000
SVMW-06-100	SV06-100-212	4/19/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
SVMW-06-100	SV06-100-212	4/19/2021	N	N	U	U	0.35	0.82	2.4	ug/m3	69.5
SVMW-06-100	SV06-100-212	4/19/2021	N	Y		B, V	0.62	1.5	2.5	ug/m3	27.5
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.37	0.82	2.5	ug/m3	3480
SVMW-06-100	SV06-100-212	4/19/2021	N	Y			0.36	0.82	2.5	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.33	0.75	2.3	ug/m3	374
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.38	1.4	2.3	ug/m3	34800
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.27	0.75	2.3	ug/m3	1.56
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.39	1.4	2.3	ug/m3	31.2
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.26	0.75	2.3	ug/m3	36
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.32	0.75	4.4	ug/m3	104000
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.34	0.75	2.3	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.29	0.75	2.3	ug/m3	174000
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y	J	J	0.29	0.75	4.4	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.48	1.4	2.3	ug/m3	24300
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.66	1.5	4.4	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.57	1.4	2.3	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.57	1.4	4.4	ug/m3	69.5
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.28	0.75	2.3	ug/m3	187
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.31	0.75	2.3	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y	J	J	0.3	0.75	2.3	ug/m3	1390
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.62	1.5	4.4	ug/m3	3480
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y		V	1.2	2.9	4.4	ug/m3	2430
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.37	1.4	2.3	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.62	1.5	4.4	ug/m3	3480
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.33	0.75	2.2	ug/m3	156
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.29	0.75	4.4	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y	J	J	1.6	3.7	23	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.97	2.8	4.4	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			5.3	12	23	ug/m3	1080000
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.31	0.75	2.3	ug/m3	40.7
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.34	0.75	2.3	ug/m3	120
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.38	1.4	2.3	ug/m3	520
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.29	1.4	2.3	ug/m3	348000
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.25	0.75	2.3	ug/m3	55.9
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.66	1.4	2.3	ug/m3	20900
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.7	2.4	4.4	ug/m3	24300
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.48	1.4	2.3	ug/m3	851
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.34	0.75	2.3	ug/m3	25.3
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.34	1.5	2.4	ug/m3	585
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.36	1.4	2.2	ug/m3	24300
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.38	1.4	2.3	ug/m3	3480
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.33	0.75	2.3	ug/m3	1040000
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y	J	J	0.48	1.4	4.4	ug/m3	174000
SVMW-06-100	SV06-100-612	4/19/2021	FD	N	U	U	0.32	0.75	2.2	ug/m3	69.5
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y		B, V	0.57	1.4	2.3	ug/m3	27.5
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.34	0.75	2.3	ug/m3	3480
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.33	0.75	2.3	ug/m3	NS
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.34	0.75	2.3	ug/m3	3480
SVMW-06-100	SV06-100-612	4/19/2021	FD	Y			0.33	0.75	2.3	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	260	590	1800	ug/m3	374
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	300	1100	1800	ug/m3	34800
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	220	590	1800	ug/m3	1.56
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	310	1100	1800	ug/m3	31.2
SVMW-06-252	SV06-252-212	4/19/2021	N	Y	J	J	210	590	1800	ug/m3	36
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	250	590	3500	ug/m3	104000
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	270	590	1800	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	Y			230	590	1800	ug/m3	174000
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	230	590	3500	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	Y			380	1100	1800	ug/m3	24300
SVMW-06-252	SV06-252-212	4/19/2021	N	Y			520	1200	3500	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	Y	J	J	450	1100	1800	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	450	1100	3500	ug/m3	69.5
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	220	590	1800	ug/m3	187
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	240	590	1800	ug/m3	34.7
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	240	590	1800	ug/m3	1390
SVMW-06-252	SV06-252-212	4/19/2021	N	Y			490	1200	3500	ug/m3	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	970	2300	3500	ug/m3	2430
SVMW-06-252	SV06-252-212	4/19/2021	N	Y	J	J	300	1100	1800	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	Y	J	J	490	1200	3500	ug/m3	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	260	590	1800	ug/m3	156
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	230	590	3500	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	Y	J	J	1300	2900	18000	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	770	2200	3500	ug/m3	NS
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	4200	9400	18000	ug/m3	1080000
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	250	590	1800	ug/m3	40.7
SVMW-06-252	SV06-252-212	4/19/2021	N	Y			270	590	1800	ug/m3	120

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	300	1100	1800	ug/m3	520
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	230	1100	1800	ug/m3	348000
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	200	590	1800	ug/m3	55.9
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	520	1100	1800	ug/m3	20900
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	560	1900	3500	ug/m3	24300
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	380	1100	1800	ug/m3	851
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	270	590	1800	ug/m3	25.3
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	270	1100	1900	ug/m3	585
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	280	1100	1800	ug/m3	24300
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	300	1100	1800	ug/m3	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	Y	J	J	260	590	1800	ug/m3	1040000
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	380	1100	3500	ug/m3	174000
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	250	590	1800	ug/m3	69.5
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	450	1100	1800	ug/m3	27.5
SVMW-06-252	SV06-252-212	4/19/2021	N	Y			270	590	1800	ug/m3	3480
SVMW-06-252	SV06-252-212	4/19/2021	N	N	U	U	260	590	1800	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.72	1.6	5	ug/m3	374
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.82	3.1	5	ug/m3	34800
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.59	1.6	5	ug/m3	1.56
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.84	3.1	5	ug/m3	31.2
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.56	1.6	5	ug/m3	36
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.7	1.6	9.6	ug/m3	104000
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.74	1.6	5.1	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.62	1.6	5	ug/m3	174000
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.64	1.6	9.6	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			1.1	3.1	5	ug/m3	24300
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			1.4	3.2	9.6	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y		V	1.2	3.1	5	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	1.2	3.1	9.6	ug/m3	69.5
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.6	1.6	5	ug/m3	187
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.67	1.6	5	ug/m3	34.7
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.66	1.6	5	ug/m3	1390
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			1.3	3.2	9.6	ug/m3	3480
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	2.7	6.2	9.6	ug/m3	2430
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.81	3.1	5	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			1.3	3.2	9.6	ug/m3	3480
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.71	1.6	4.9	ug/m3	156
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.63	1.6	9.6	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J, B	3.5	7.9	51	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	2.1	6	9.6	ug/m3	NS
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	11	26	50	ug/m3	1080000
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.68	1.6	5.1	ug/m3	40.7
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.74	1.6	5	ug/m3	120
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.82	3.1	5	ug/m3	520
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.63	3.1	5	ug/m3	348000
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.54	1.6	5.1	ug/m3	55.9
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	1.4	3.1	5	ug/m3	20900
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			1.5	5.2	9.6	ug/m3	24300
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	1.1	3.1	5.1	ug/m3	851
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.74	1.6	5	ug/m3	25.3
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	0.74	3.2	5.2	ug/m3	585
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.77	3.1	4.9	ug/m3	24300
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.83	3.1	5	ug/m3	3480
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.73	1.6	5.1	ug/m3	1040000
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	1.1	3.1	9.6	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-06-302	SV06-302-212	4/19/2021	N	Y	J	J	0.69	1.6	4.9	ug/m3	69.5
SVMW-06-302	SV06-302-212	4/19/2021	N	N	U	U	1.2	3	5	ug/m3	27.5
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.74	1.6	5.1	ug/m3	3480
SVMW-06-302	SV06-302-212	4/19/2021	N	Y			0.71	1.6	5	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	Y			310	710	2200	ug/m3	374
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	360	1300	2200	ug/m3	34800
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	260	710	2200	ug/m3	1.56
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	370	1300	2200	ug/m3	31.2
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	250	710	2200	ug/m3	36
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	300	710	4200	ug/m3	104000
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	320	710	2200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	Y			270	710	2200	ug/m3	174000
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	280	710	4200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	Y			630	1400	4200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	Y	J	J	540	1300	2200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	540	1300	4200	ug/m3	69.5
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	260	710	2200	ug/m3	187
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	290	710	2200	ug/m3	34.7
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	290	710	2200	ug/m3	1390
SVMW-07-050	SV07-050-212	4/21/2021	N	Y			580	1400	4200	ug/m3	3480
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	1200	2700	4200	ug/m3	2430
SVMW-07-050	SV07-050-212	4/21/2021	N	Y	J	J	580	1400	4200	ug/m3	3480
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	310	710	2100	ug/m3	156
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	280	710	4200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	1500	3500	22000	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	920	2600	4200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	5000	11000	22000	ug/m3	1080000
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	300	710	2200	ug/m3	40.7
SVMW-07-050	SV07-050-212	4/21/2021	N	Y			320	710	2200	ug/m3	120
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	360	1300	2200	ug/m3	520
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	280	1300	2200	ug/m3	348000
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	240	710	2200	ug/m3	55.9
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	630	1300	2200	ug/m3	20900
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	670	2300	4200	ug/m3	24300
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	460	1300	2200	ug/m3	851
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	320	710	2200	ug/m3	25.3
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	330	1400	2300	ug/m3	585
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	340	1300	2100	ug/m3	24300
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	360	1300	2200	ug/m3	3480
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	320	710	2200	ug/m3	1040000
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	460	1300	4200	ug/m3	174000
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	300	710	2100	ug/m3	69.5
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	540	1300	2200	ug/m3	27.5
SVMW-07-050	SV07-050-212	4/21/2021	N	Y	J	J	320	710	2200	ug/m3	3480
SVMW-07-050	SV07-050-212	4/21/2021	N	N	U	U	310	710	2200	ug/m3	NS
SVMW-07-050	SV07-050-212	4/21/2021	N	Y		D	1400	4100	6700	ug/m3	24300
SVMW-07-050	SV07-050-212	4/21/2021	N	Y		D	1100	4100	6700	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	Y	J	J	230	530	1600	ug/m3	374
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	270	990	1600	ug/m3	34800
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	190	530	1600	ug/m3	1.56
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	270	990	1600	ug/m3	31.2
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	180	530	1600	ug/m3	36
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	230	530	3100	ug/m3	104000
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	240	530	1600	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	Y			200	530	1600	ug/m3	174000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	210	530	3100	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	Y			470	1100	3100	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	400	990	1600	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	400	990	3100	ug/m3	69.5
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	200	530	1600	ug/m3	187
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	220	530	1600	ug/m3	34.7
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	210	530	1600	ug/m3	1390
SVMW-07-100	SV07-100-212	4/21/2021	N	Y			430	1100	3100	ug/m3	3480
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	870	2000	3100	ug/m3	2430
SVMW-07-100	SV07-100-212	4/21/2021	N	Y			260	990	1600	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	Y			430	1100	3100	ug/m3	3480
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	230	530	1600	ug/m3	156
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	200	530	3100	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	1100	2600	16000	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	680	2000	3100	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	3700	8400	16000	ug/m3	1080000
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	220	530	1600	ug/m3	40.7
SVMW-07-100	SV07-100-212	4/21/2021	N	Y			240	530	1600	ug/m3	120
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	270	990	1600	ug/m3	520
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	200	990	1600	ug/m3	348000
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	180	530	1600	ug/m3	55.9
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	470	990	1600	ug/m3	20900
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	500	1700	3100	ug/m3	24300
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	340	990	1600	ug/m3	851
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	240	530	1600	ug/m3	25.3
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	240	1000	1700	ug/m3	585
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	250	990	1600	ug/m3	24300
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	270	990	1600	ug/m3	3480
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	270	990	1600	ug/m3	3480
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	240	530	1600	ug/m3	1040000
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	340	990	3100	ug/m3	174000
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	220	530	1600	ug/m3	69.5
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	400	960	1600	ug/m3	27.5
SVMW-07-100	SV07-100-212	4/21/2021	N	Y	J	J	240	530	1600	ug/m3	3480
SVMW-07-100	SV07-100-212	4/21/2021	N	N	U	U	230	530	1600	ug/m3	NS
SVMW-07-100	SV07-100-212	4/21/2021	N	Y		D	1000	3000	4800	ug/m3	24300
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.32	0.74	2.2	ug/m3	374
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.27	0.74	2.2	ug/m3	1.56
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.26	0.74	2.2	ug/m3	36
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.32	0.74	4.3	ug/m3	104000
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.28	0.74	2.2	ug/m3	174000
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	0.29	0.74	4.3	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.48	1.4	2.2	ug/m3	24300
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.65	1.5	4.3	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J, V	0.56	1.4	2.2	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.27	0.74	2.2	ug/m3	187
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.3	0.74	2.2	ug/m3	34.7
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	0.3	0.74	2.2	ug/m3	1390
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.61	1.5	4.3	ug/m3	3480
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.37	1.4	2.2	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.61	1.5	4.3	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.32	0.74	2.2	ug/m3	156
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.29	0.74	4.3	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J, B	1.6	3.6	23	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.95	2.7	4.3	ug/m3	NS
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	5.2	12	22	ug/m3	1080000
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.31	0.74	2.3	ug/m3	40.7
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.33	0.74	2.2	ug/m3	120
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	520
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.29	1.4	2.2	ug/m3	348000
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.25	0.74	2.3	ug/m3	55.9
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.65	1.4	2.2	ug/m3	20900
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.69	2.3	4.3	ug/m3	24300
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.33	0.74	2.2	ug/m3	25.3
SVMW-07-150	SV07-150-212	4/21/2021	N	N	U	U	0.34	1.4	2.3	ug/m3	585
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.35	1.4	2.2	ug/m3	24300
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.38	1.4	2.2	ug/m3	3480
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.33	0.74	2.3	ug/m3	1040000
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	0.48	1.4	4.3	ug/m3	174000
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	0.31	0.74	2.2	ug/m3	69.5
SVMW-07-150	SV07-150-212	4/21/2021	N	Y	J	J	0.56	1.3	2.2	ug/m3	27.5
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.33	0.74	2.3	ug/m3	3480
SVMW-07-150	SV07-150-212	4/21/2021	N	Y			0.32	0.74	2.2	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			2400	5400	17000	ug/m3	374
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2800	10000	17000	ug/m3	34800
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			2000	5400	17000	ug/m3	1.56
SVMW-10-050	SV10-050-212	4/20/2021	N	N	UJ	U	2800	10000	17000	ug/m3	31.2
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	1900	5400	17000	ug/m3	36
SVMW-10-050	SV10-050-212	4/20/2021	N	N	UJ	U	2800	10000	17000	ug/m3	31.2
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	1900	5400	17000	ug/m3	36
SVMW-10-050	SV10-050-212	4/20/2021	N	Y	J	J	2300	5400	32000	ug/m3	104000
SVMW-10-050	SV10-050-212	4/20/2021	N	Y	J	J	2500	5400	17000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2100	5400	32000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y	J		3500	10000	17000	ug/m3	24300
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			4800	11000	32000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y	U	J, V	4200	10000	17000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	4200	10000	32000	ug/m3	69.5
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2000	5400	17000	ug/m3	187
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2200	5400	17000	ug/m3	34.7
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2200	5400	17000	ug/m3	1390
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			4500	11000	32000	ug/m3	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	N	UJ	U	9000	21000	32000	ug/m3	2430
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			4500	11000	32000	ug/m3	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2400	5400	16000	ug/m3	156
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2100	5400	32000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y	J	J	12000	27000	170000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			7000	20000	32000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			38000	86000	170000	ug/m3	1080000
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2300	5400	17000	ug/m3	40.7
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			2500	5400	17000	ug/m3	120
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2800	10000	17000	ug/m3	520
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2100	10000	17000	ug/m3	348000
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	1800	5400	17000	ug/m3	55.9
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	4800	10000	17000	ug/m3	20900
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	5100	17000	32000	ug/m3	24300
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	3500	10000	17000	ug/m3	851
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2500	5400	17000	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2500	11000	17000	ug/m3	585
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2600	10000	16000	ug/m3	24300
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2800	10000	17000	ug/m3	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2400	5400	17000	ug/m3	1040000
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			3500	10000	32000	ug/m3	174000
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	2300	5400	16000	ug/m3	69.5
SVMW-10-050	SV10-050-212	4/20/2021	N	N	U	U	4200	9900	17000	ug/m3	27.5
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			2500	5400	17000	ug/m3	3480
SVMW-10-050	SV10-050-212	4/20/2021	N	Y			2400	5400	17000	ug/m3	NS
SVMW-10-050	SV10-050-212	4/20/2021	N	Y		D	4200	11000	33000	ug/m3	174000
SVMW-10-050	SV10-050-212	4/20/2021	N	Y		D	5400	20000	33000	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	374
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	250	930	1500	ug/m3	34800
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			180	500	1500	ug/m3	1.56
SVMW-10-100	SV10-100-212	4/20/2021	N	N	UJ	U	260	930	1500	ug/m3	31.2
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	170	500	1500	ug/m3	36
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	210	500	2900	ug/m3	104000
SVMW-10-100	SV10-100-212	4/20/2021	N	Y	J	J	220	500	1500	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			190	500	1500	ug/m3	174000
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	200	500	2900	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			440	990	2900	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y	J	V	380	930	1500	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	380	930	2900	ug/m3	69.5
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	180	500	1500	ug/m3	187
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	200	500	1500	ug/m3	34.7
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	200	500	1500	ug/m3	1390
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			410	990	2900	ug/m3	3480
SVMW-10-100	SV10-100-212	4/20/2021	N	N	UJ	U	820	1900	2900	ug/m3	2430
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			410	990	2900	ug/m3	3480
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	220	500	1500	ug/m3	156
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	190	500	2900	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	1100	2400	15000	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y	J	J	640	1800	2900	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			3500	7900	15000	ug/m3	1080000
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	210	500	1500	ug/m3	40.7
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	120
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	250	930	1500	ug/m3	520
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	190	930	1500	ug/m3	348000
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	170	500	1500	ug/m3	55.9
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	440	930	1500	ug/m3	20900
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	470	1600	2900	ug/m3	24300
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	320	930	1500	ug/m3	851
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	220	500	1500	ug/m3	25.3
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	230	960	1600	ug/m3	585
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	240	930	1500	ug/m3	24300
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	250	930	1500	ug/m3	3480
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	220	500	1500	ug/m3	1040000
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			320	930	2900	ug/m3	174000
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	210	500	1500	ug/m3	69.5
SVMW-10-100	SV10-100-212	4/20/2021	N	N	U	U	380	900	1500	ug/m3	27.5
SVMW-10-100	SV10-100-212	4/20/2021	N	Y			220	500	1500	ug/m3	3480
SVMW-10-100	SV10-100-212	4/20/2021	N	Y	J	J	220	500	1500	ug/m3	NS
SVMW-10-100	SV10-100-212	4/20/2021	N	Y	J	D	960	2800	4600	ug/m3	24300
SVMW-10-100	SV10-100-212	4/20/2021	N	Y		D	740	2800	4600	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			72	160	500	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	83	310	500	ug/m3	34800
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			60	160	500	ug/m3	1.56
SVMW-10-150	SV10-150-212	4/20/2021	N	N	UJ	U	84	310	500	ug/m3	31.2
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	57	160	500	ug/m3	36
SVMW-10-150	SV10-150-212	4/20/2021	N	Y	J	J	70	160	960	ug/m3	104000
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			74	160	510	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			62	160	500	ug/m3	174000
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	64	160	960	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			140	330	960	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y	J	V	120	310	500	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	120	310	960	ug/m3	69.5
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	60	160	500	ug/m3	187
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	67	160	500	ug/m3	34.7
SVMW-10-150	SV10-150-212	4/20/2021	N	Y	J	J	66	160	500	ug/m3	1390
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			130	330	960	ug/m3	3480
SVMW-10-150	SV10-150-212	4/20/2021	N	N	UJ	U	270	620	960	ug/m3	2430
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			130	330	960	ug/m3	3480
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	71	160	490	ug/m3	156
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	63	160	960	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y	J	J	360	800	5100	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			210	600	960	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			1200	2600	5000	ug/m3	1080000
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	68	160	510	ug/m3	40.7
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			74	160	500	ug/m3	120
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	83	310	500	ug/m3	520
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	63	310	500	ug/m3	348000
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	55	160	510	ug/m3	55.9
SVMW-10-150	SV10-150-212	4/20/2021	N	Y	J	J	140	310	500	ug/m3	20900
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	150	520	960	ug/m3	24300
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	110	310	510	ug/m3	851
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	74	160	500	ug/m3	25.3
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	75	320	520	ug/m3	585
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	78	310	490	ug/m3	24300
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	84	310	500	ug/m3	3480
SVMW-10-150	SV10-150-212	4/20/2021	N	Y	J	J	73	160	510	ug/m3	1040000
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			110	310	960	ug/m3	174000
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	69	160	490	ug/m3	69.5
SVMW-10-150	SV10-150-212	4/20/2021	N	N	U	U	120	300	500	ug/m3	27.5
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			74	160	510	ug/m3	3480
SVMW-10-150	SV10-150-212	4/20/2021	N	Y			71	160	500	ug/m3	NS
SVMW-10-150	SV10-150-212	4/20/2021	N	Y		D	420	1200	2000	ug/m3	24300
SVMW-10-150	SV10-150-212	4/20/2021	N	Y		D	330	1200	2000	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y		D	2.9	7.6	23	ug/m3	174000
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y		D	6.7	15	45	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.33	0.76	2.3	ug/m3	374
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	34800
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.28	0.76	2.3	ug/m3	1.56
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.26	0.76	2.3	ug/m3	36
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J	J	0.32	0.76	4.5	ug/m3	104000
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.34	0.76	2.4	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.3	0.76	4.5	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.49	1.4	2.3	ug/m3	24300
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J		0.58	1.4	2.3	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.58	1.4	4.5	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	187
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.31	0.76	2.3	ug/m3	34.7
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.31	0.76	2.3	ug/m3	1390
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.62	1.5	4.5	ug/m3	3480
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	1.2	2.9	4.5	ug/m3	2430
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.38	1.4	2.3	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.62	1.5	4.5	ug/m3	3480
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J	J	0.33	0.76	2.3	ug/m3	156
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.29	0.76	4.5	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			1.6	3.7	24	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J		0.98	2.8	4.5	ug/m3	NS
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			5.3	12	23	ug/m3	1080000
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J	J	0.32	0.76	2.4	ug/m3	40.7
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.34	0.76	2.3	ug/m3	120
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.25	0.76	2.4	ug/m3	55.9
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.67	1.4	2.3	ug/m3	20900
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J	J	0.71	2.4	4.5	ug/m3	24300
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.49	1.4	2.4	ug/m3	851
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.34	0.76	2.3	ug/m3	25.3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y	J	J	0.36	1.4	2.3	ug/m3	24300
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.34	0.76	2.4	ug/m3	1040000
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.49	1.4	4.5	ug/m3	174000
KAFB-106V3-007	SV3-007-212	4/20/2021	N	N	U	U	0.32	0.76	2.3	ug/m3	69.5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.58	1.4	2.3	ug/m3	27.5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.34	0.76	2.4	ug/m3	3480
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Y			0.33	0.76	2.3	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.35	0.79	2.4	ug/m3	374
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	34800
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.29	0.79	2.4	ug/m3	1.56
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	J	0.34	0.79	4.6	ug/m3	104000
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.36	0.79	2.5	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.31	0.79	4.6	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.51	1.5	2.4	ug/m3	24300
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J		0.6	1.5	2.4	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.29	0.79	2.4	ug/m3	187
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.32	0.79	2.4	ug/m3	34.7
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.32	0.79	2.4	ug/m3	1390
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.65	1.6	4.6	ug/m3	3480
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.39	1.5	2.4	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.65	1.6	4.6	ug/m3	3480
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	J	0.34	0.79	2.4	ug/m3	156
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.31	0.79	4.6	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			1.7	3.8	25	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			5.6	12	24	ug/m3	1080000
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	J	0.33	0.79	2.5	ug/m3	40.7
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.36	0.79	2.4	ug/m3	120
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.4	1.5	2.4	ug/m3	520

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.26	0.79	2.5	ug/m3	55.9
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.74	2.5	4.6	ug/m3	24300
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	J	0.37	1.5	2.4	ug/m3	24300
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	J	0.4	1.5	2.4	ug/m3	3480
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.35	0.79	2.5	ug/m3	1040000
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.51	1.5	4.6	ug/m3	174000
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	N	U	U	0.33	0.79	2.4	ug/m3	69.5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.6	1.4	2.4	ug/m3	27.5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.36	0.79	2.5	ug/m3	3480
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y			0.34	0.79	2.4	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y		D	3	7.9	24	ug/m3	174000
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y		D	6.9	16	46	ug/m3	NS
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Y	J	D	10	29	46	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.32	0.73	2.2	ug/m3	374
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.27	0.73	2.2	ug/m3	1.56
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.25	0.73	2.2	ug/m3	36
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.31	0.73	4.3	ug/m3	104000
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.33	0.73	2.3	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.29	0.73	4.3	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.56	1.4	2.2	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	187
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.3	0.73	2.2	ug/m3	34.7
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y	J	J	0.3	0.73	2.2	ug/m3	1390
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y	J		1.2	2.8	4.3	ug/m3	2430
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.37	1.4	2.2	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y	J	J	0.32	0.73	2.2	ug/m3	156
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.28	0.73	4.3	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			1.6	3.6	23	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.95	2.7	4.3	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y	J	J	5.2	12	22	ug/m3	1080000
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.31	0.73	2.3	ug/m3	40.7
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.33	0.73	2.2	ug/m3	120
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	520
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.25	0.73	2.3	ug/m3	55.9
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.65	1.4	2.2	ug/m3	20900
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y	J	J	0.69	2.3	4.3	ug/m3	24300
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.33	0.73	2.2	ug/m3	25.3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.34	1.4	2.3	ug/m3	585
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	3480
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.33	0.73	2.3	ug/m3	1040000
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.47	1.4	4.3	ug/m3	174000
KAFB-106V3-015	SV3-015-212	4/20/2021	N	N	U	U	0.31	0.73	2.2	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.56	1.3	2.2	ug/m3	27.5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.33	0.73	2.3	ug/m3	3480
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y			0.32	0.73	2.2	ug/m3	NS
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y		D	5.6	15	45	ug/m3	174000
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y		D	9.5	28	45	ug/m3	24300
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Y		D	13	29	86	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.28	0.64	2	ug/m3	374
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.32	1.2	2	ug/m3	34800
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.23	0.64	2	ug/m3	1.56
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.33	1.2	2	ug/m3	31.2
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.22	0.64	2	ug/m3	36
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.27	0.64	3.8	ug/m3	104000
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.29	0.64	2	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.25	0.64	3.8	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.41	1.2	2	ug/m3	24300
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.56	1.3	3.8	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.49	1.2	2	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.49	1.2	3.8	ug/m3	69.5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.24	0.64	2	ug/m3	187
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.26	0.64	2	ug/m3	34.7
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.26	0.64	2	ug/m3	1390
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.53	1.3	3.8	ug/m3	3480
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	1.1	2.4	3.8	ug/m3	2430
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.32	1.2	2	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.53	1.3	3.8	ug/m3	3480
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.28	0.64	1.9	ug/m3	156
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.25	0.64	3.8	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			1.4	3.1	20	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.27	0.64	2	ug/m3	40.7
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.29	0.64	2	ug/m3	120
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.32	1.2	2	ug/m3	520
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.25	1.2	2	ug/m3	348000
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.21	0.64	2	ug/m3	55.9
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.56	1.2	2	ug/m3	20900
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.6	2	3.8	ug/m3	24300
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.41	1.2	2	ug/m3	851
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.29	0.64	2	ug/m3	25.3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.29	1.2	2	ug/m3	585
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.3	1.2	1.9	ug/m3	24300
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.33	1.2	2	ug/m3	3480
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y	J	J	0.29	0.64	2	ug/m3	1040000
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.41	1.2	3.8	ug/m3	174000
KAFB-106V3-272	SV3-272-212	4/20/2021	N	N	U	U	0.27	0.64	1.9	ug/m3	69.5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.49	1.2	2	ug/m3	27.5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.29	0.64	2	ug/m3	3480
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y			0.28	0.64	2	ug/m3	NS
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Y		D	2.4	6.4	20	ug/m3	174000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			3000	6700	21000	ug/m3	374
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3400	13000	21000	ug/m3	34800
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2500	6700	21000	ug/m3	1.56
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3500	13000	21000	ug/m3	31.2
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2300	6700	21000	ug/m3	36
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y	J	J	2900	6700	40000	ug/m3	104000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y	J	J	3000	6700	21000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			2600	6700	21000	ug/m3	174000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2700	6700	40000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			4400	13000	21000	ug/m3	24300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			5900	13000	40000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y	J	JV	5100	13000	21000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	5100	13000	40000	ug/m3	69.5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2500	6700	21000	ug/m3	187
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2800	6700	21000	ug/m3	34.7
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2700	6700	21000	ug/m3	1390
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			5500	13000	40000	ug/m3	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	11000	26000	40000	ug/m3	2430
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			3400	13000	21000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			5500	13000	40000	ug/m3	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2900	6700	20000	ug/m3	156
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2600	6700	40000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y	J	J	15000	33000	210000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			8700	25000	40000	ug/m3	NS
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			48000	110000	210000	ug/m3	1080000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2800	6700	21000	ug/m3	40.7
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			3000	6700	21000	ug/m3	120
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3400	13000	21000	ug/m3	520
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2600	13000	21000	ug/m3	348000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2300	6700	21000	ug/m3	55.9
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	5900	13000	21000	ug/m3	20900
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	6300	21000	40000	ug/m3	24300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	4400	13000	21000	ug/m3	851
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3000	6700	21000	ug/m3	25.3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	4400	13000	21000	ug/m3	851
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3000	6700	21000	ug/m3	25.3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3100	13000	21000	ug/m3	585
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3200	13000	20000	ug/m3	24300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3400	13000	21000	ug/m3	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	3000	6700	21000	ug/m3	1040000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			4400	13000	40000	ug/m3	174000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	2900	6700	20000	ug/m3	69.5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	N	U	U	5100	12000	21000	ug/m3	27.5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			3000	6700	21000	ug/m3	3480
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Y			2900	6700	21000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			3000	6800	21000	ug/m3	374
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3400	13000	21000	ug/m3	34800
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2500	6800	21000	ug/m3	1.56
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3500	13000	21000	ug/m3	31.2
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2400	6800	21000	ug/m3	36
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2900	6800	40000	ug/m3	104000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y	J	J	3100	6800	21000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			2600	6800	21000	ug/m3	174000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2700	6800	40000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			4400	13000	21000	ug/m3	24300
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			6000	14000	40000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y	J	JV	5200	13000	21000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	5200	13000	40000	ug/m3	69.5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2500	6800	21000	ug/m3	187
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2800	6800	21000	ug/m3	34.7
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2800	6800	21000	ug/m3	1390
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			5600	14000	40000	ug/m3	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	11000	26000	40000	ug/m3	2430

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			3400	13000	21000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			5600	14000	40000	ug/m3	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3000	6800	20000	ug/m3	156
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2600	6800	40000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y	J	J	15000	33000	210000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			8800	25000	40000	ug/m3	NS
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			48000	110000	210000	ug/m3	1080000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2800	6800	21000	ug/m3	40.7
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			3100	6800	21000	ug/m3	120
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3400	13000	21000	ug/m3	520
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2600	13000	21000	ug/m3	348000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2300	6800	21000	ug/m3	55.9
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	6000	13000	21000	ug/m3	20900
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	6400	22000	40000	ug/m3	24300
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	4400	13000	21000	ug/m3	851
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3100	6800	21000	ug/m3	25.3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3100	13000	22000	ug/m3	585
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3200	13000	20000	ug/m3	24300
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3500	13000	21000	ug/m3	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	3000	6800	21000	ug/m3	1040000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y			4400	13000	40000	ug/m3	174000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	2900	6800	20000	ug/m3	69.5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	N	U	U	5200	12000	21000	ug/m3	27.5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y	J	J	3100	6800	21000	ug/m3	3480
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Y	J	J	3000	6800	21000	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	250	560	1700	ug/m3	374
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	290	1100	1700	ug/m3	34800
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	210	560	1700	ug/m3	1.56
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	290	1100	1700	ug/m3	31.2
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	200	560	1700	ug/m3	36
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	240	560	3300	ug/m3	104000
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y	J	J	260	560	1800	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	220	560	1700	ug/m3	174000
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	220	560	3300	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y			370	1100	1700	ug/m3	24300
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y			500	1100	3300	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	430	1100	1700	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	430	1100	3300	ug/m3	69.5
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	210	560	1700	ug/m3	187
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	230	560	1700	ug/m3	34.7
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	230	560	1700	ug/m3	1390
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y			460	1100	3300	ug/m3	3480
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	930	2200	3300	ug/m3	2430
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y			280	1100	1700	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	460	1100	3300	ug/m3	3480
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	250	560	1700	ug/m3	156
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	220	560	3300	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	1200	2800	18000	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	730	2100	3300	ug/m3	NS
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	4000	9000	17000	ug/m3	1080000
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	240	560	1800	ug/m3	40.7
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y			260	560	1700	ug/m3	120
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	290	1100	1700	ug/m3	520
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	220	1100	1700	ug/m3	348000
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	190	560	1800	ug/m3	55.9

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	500	1100	1700	ug/m3	20900
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	530	1800	3300	ug/m3	24300
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	370	1100	1800	ug/m3	851
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	260	560	1700	ug/m3	25.3
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	260	1100	1800	ug/m3	585
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	270	1100	1700	ug/m3	24300
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	290	1100	1700	ug/m3	3480
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	250	560	1800	ug/m3	1040000
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	370	1100	3300	ug/m3	174000
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	240	560	1700	ug/m3	69.5
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	430	1000	1700	ug/m3	27.5
KAFB-106119-250	SV119-250-212	4/20/2021	N	Y			260	560	1800	ug/m3	3480
KAFB-106119-250	SV119-250-212	4/20/2021	N	N	U	U	250	560	1700	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	220	490	1500	ug/m3	374
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	250	920	1500	ug/m3	34800
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	180	490	1500	ug/m3	1.56
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	250	920	1500	ug/m3	31.2
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	170	490	1500	ug/m3	36
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	210	490	2900	ug/m3	104000
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			220	490	1500	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			190	490	1500	ug/m3	174000
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	190	490	2900	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			320	920	1500	ug/m3	24300
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			430	970	2900	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y	J	J	370	920	1500	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	370	920	2900	ug/m3	69.5
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	180	490	1500	ug/m3	187
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	200	490	1500	ug/m3	34.7
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	200	490	1500	ug/m3	1390
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			400	970	2900	ug/m3	3480
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	800	1900	2900	ug/m3	2430
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			240	920	1500	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			400	970	2900	ug/m3	3480
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	210	490	1500	ug/m3	156
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	190	490	2900	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	1100	2400	15000	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	630	1800	2900	ug/m3	NS
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	3400	7700	15000	ug/m3	1080000
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	200	490	1500	ug/m3	40.7
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			220	490	1500	ug/m3	120
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	250	920	1500	ug/m3	520
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	190	920	1500	ug/m3	348000
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	160	490	1500	ug/m3	55.9
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	430	920	1500	ug/m3	20900
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	460	1500	2900	ug/m3	24300
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	320	920	1500	ug/m3	851
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	220	490	1500	ug/m3	25.3
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	220	950	1500	ug/m3	585
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	230	920	1500	ug/m3	24300
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	250	920	1500	ug/m3	3480
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y	J	J	220	490	1500	ug/m3	1040000
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	320	920	2900	ug/m3	174000
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	210	490	1500	ug/m3	69.5
KAFB-106119-350	SV119-350-212	4/20/2021	N	N	U	U	370	890	1500	ug/m3	27.5
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			220	490	1500	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106119-350	SV119-350-212	4/20/2021	N	Y			210	490	1500	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.36	0.82	2.5	ug/m3	374
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	1.56
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.28	0.82	2.5	ug/m3	36
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.35	0.82	4.8	ug/m3	104000
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.37	0.82	2.6	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.31	0.82	2.5	ug/m3	174000
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.32	0.82	4.8	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.53	1.5	2.5	ug/m3	24300
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.72	1.6	4.8	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.63	1.5	2.5	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.63	1.5	4.8	ug/m3	69.5
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.3	0.82	2.5	ug/m3	187
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.34	0.82	2.5	ug/m3	34.7
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.33	0.82	2.5	ug/m3	1390
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.68	1.6	4.8	ug/m3	3480
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	1.4	3.1	4.8	ug/m3	2430
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.41	1.5	2.5	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.68	1.6	4.8	ug/m3	3480
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.36	0.82	2.5	ug/m3	156
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.32	0.82	4.8	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	1.8	4	26	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	5.8	13	25	ug/m3	1080000
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.34	0.82	2.6	ug/m3	40.7
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.37	0.82	2.5	ug/m3	120
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	520
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.28	0.82	2.6	ug/m3	55.9
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y		B	0.77	2.6	4.8	ug/m3	24300
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.53	1.5	2.6	ug/m3	851
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.37	0.82	2.5	ug/m3	25.3
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.38	1.6	2.6	ug/m3	585
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.39	1.5	2.5	ug/m3	24300
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.42	1.5	2.5	ug/m3	3480
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.37	0.82	2.6	ug/m3	1040000
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.35	0.82	2.5	ug/m3	69.5
KAFB-106119-450	SV119-450-212	4/20/2021	N	N	U	U	0.63	1.5	2.5	ug/m3	27.5
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.37	0.82	2.6	ug/m3	3480
KAFB-106119-450	SV119-450-212	4/20/2021	N	Y			0.36	0.82	2.5	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.35	0.8	2.4	ug/m3	374
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.29	0.8	2.4	ug/m3	1.56
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.28	0.8	2.4	ug/m3	36
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.34	0.8	4.7	ug/m3	104000
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.36	0.8	2.5	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.31	0.8	2.4	ug/m3	174000
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.31	0.8	4.7	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.52	1.5	2.4	ug/m3	24300
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.71	1.6	4.7	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.61	1.5	2.4	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.3	0.8	2.4	ug/m3	187
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.33	0.8	2.4	ug/m3	34.7
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.32	0.8	2.4	ug/m3	1390
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.66	1.6	4.7	ug/m3	3480
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	1.3	3.1	4.7	ug/m3	2430
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.66	1.6	4.7	ug/m3	3480
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.35	0.8	2.4	ug/m3	156
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.31	0.8	4.7	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	1.7	3.9	25	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			1	3	4.7	ug/m3	NS
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	5.6	13	24	ug/m3	1080000
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.33	0.8	2.5	ug/m3	40.7
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.36	0.8	2.4	ug/m3	120
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.27	0.8	2.5	ug/m3	55.9
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.71	1.5	2.4	ug/m3	20900
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.75	2.5	4.7	ug/m3	24300
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.36	0.8	2.4	ug/m3	25.3
KAFB-106126-025	SV126-025-212	4/20/2021	N	N	U	U	0.37	1.6	2.5	ug/m3	585
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.38	1.5	2.4	ug/m3	24300
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.41	1.5	2.4	ug/m3	3480
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.36	0.8	2.5	ug/m3	1040000
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.52	1.5	4.7	ug/m3	174000
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.36	0.8	2.5	ug/m3	1040000
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.52	1.5	4.7	ug/m3	174000
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.34	0.8	2.4	ug/m3	69.5
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.61	1.5	2.4	ug/m3	27.5
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	3480
KAFB-106126-025	SV126-025-212	4/20/2021	N	Y			0.35	0.8	2.4	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.35	0.8	2.4	ug/m3	374
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.29	0.8	2.4	ug/m3	1.56
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.28	0.8	2.4	ug/m3	36
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.34	0.8	4.7	ug/m3	104000
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.31	0.8	2.4	ug/m3	174000
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y			0.31	0.8	4.7	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.52	1.5	2.4	ug/m3	24300
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.71	1.6	4.7	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.61	1.5	2.4	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.3	0.8	2.4	ug/m3	187
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.33	0.8	2.4	ug/m3	34.7
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y			0.32	0.8	2.4	ug/m3	1390
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.66	1.6	4.7	ug/m3	3480
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	1.3	3.1	4.7	ug/m3	2430
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.66	1.6	4.7	ug/m3	3480
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y			0.35	0.8	2.4	ug/m3	156
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.31	0.8	4.7	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	1.7	3.9	25	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	1	3	4.7	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	5.6	13	24	ug/m3	1080000
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.36	0.8	2.4	ug/m3	120
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.27	0.8	2.5	ug/m3	55.9
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.71	1.5	2.4	ug/m3	20900
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	JB	0.75	2.5	4.7	ug/m3	24300
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y			0.36	0.8	2.4	ug/m3	25.3
KAFB-106126-050	SV126-050-212	4/20/2021	N	N	U	U	0.37	1.6	2.5	ug/m3	585
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.38	1.5	2.4	ug/m3	24300
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.41	1.5	2.4	ug/m3	3480
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	1040000
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y			0.52	1.5	4.7	ug/m3	174000
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.34	0.8	2.4	ug/m3	69.5
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.61	1.5	2.4	ug/m3	27.5
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y	J	J	0.36	0.8	2.5	ug/m3	3480
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y			0.35	0.8	2.4	ug/m3	NS
KAFB-106126-050	SV126-050-212	4/20/2021	N	Y		D	3.3	8	25	ug/m3	40.7
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	374
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.3	0.85	2.6	ug/m3	36
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.37	0.85	5	ug/m3	104000
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.39	0.85	2.7	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.33	0.85	2.6	ug/m3	174000
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.34	0.85	5	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.75	1.7	5	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.65	1.6	2.6	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.32	0.85	2.6	ug/m3	187
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.35	0.85	2.6	ug/m3	1390
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.7	1.7	5	ug/m3	3480
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	1.4	3.3	5	ug/m3	2430
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.7	1.7	5	ug/m3	3480
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.37	0.85	2.6	ug/m3	156
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	1.1	3.2	5	ug/m3	NS
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	6	14	26	ug/m3	1080000
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.36	0.85	2.7	ug/m3	40.7
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.39	0.85	2.6	ug/m3	120
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.29	0.85	2.7	ug/m3	55.9
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y		B	0.8	2.7	5	ug/m3	24300
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.55	1.6	2.7	ug/m3	851
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.39	0.85	2.6	ug/m3	25.3
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.41	1.6	2.6	ug/m3	24300
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.44	1.6	2.6	ug/m3	3480
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.38	0.85	2.7	ug/m3	1040000
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.55	1.6	5	ug/m3	174000
KAFB-106126-150	SV126-150-212	4/20/2021	N	N	U	U	0.36	0.85	2.6	ug/m3	69.5
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.65	1.6	2.6	ug/m3	27.5
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y	J	J	0.39	0.85	2.7	ug/m3	3480
KAFB-106126-150	SV126-150-212	4/20/2021	N	Y			0.37	0.85	2.6	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.31	0.69	2.1	ug/m3	374
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	34800
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.25	0.69	2.1	ug/m3	1.56
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.36	1.3	2.1	ug/m3	31.2
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.24	0.69	2.1	ug/m3	36
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.3	0.69	4.1	ug/m3	104000
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.31	0.69	2.2	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.26	0.69	2.1	ug/m3	174000
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y			0.27	0.69	4.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.45	1.3	2.1	ug/m3	24300
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.61	1.4	4.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y			0.53	1.3	2.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.53	1.3	4.1	ug/m3	69.5
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.26	0.69	2.1	ug/m3	187
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.29	0.69	2.1	ug/m3	34.7
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.28	0.69	2.1	ug/m3	1390
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.57	1.4	4.1	ug/m3	3480
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	1.1	2.6	4.1	ug/m3	2430
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.57	1.4	4.1	ug/m3	3480
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.35	1.3	2.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.57	1.4	4.1	ug/m3	3480
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y			0.3	0.69	2.1	ug/m3	156
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.27	0.69	4.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	1.5	3.4	22	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y			0.9	2.6	4.1	ug/m3	NS
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	4.9	11	21	ug/m3	1080000
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.29	0.69	2.2	ug/m3	40.7
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.31	0.69	2.1	ug/m3	120
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.35	1.3	2.1	ug/m3	520
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.27	1.3	2.1	ug/m3	348000
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.23	0.69	2.2	ug/m3	55.9
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.61	1.3	2.1	ug/m3	20900
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	JB	0.65	2.2	4.1	ug/m3	24300
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.45	1.3	2.2	ug/m3	851
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.31	0.69	2.1	ug/m3	25.3
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.32	1.3	2.2	ug/m3	585
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.33	1.3	2.1	ug/m3	24300
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.35	1.3	2.1	ug/m3	3480
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.31	0.69	2.2	ug/m3	1040000
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y			0.45	1.3	4.1	ug/m3	174000
KAFB-106126-250	SV126-250-212	4/20/2021	N	N	U	U	0.29	0.69	2.1	ug/m3	69.5
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.53	1.3	2.1	ug/m3	27.5
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y	J	J	0.31	0.69	2.2	ug/m3	3480
KAFB-106126-250	SV126-250-212	4/20/2021	N	Y			0.3	0.69	2.1	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.6	5.9	18	ug/m3	374
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	3	11	18	ug/m3	34800
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.1	5.9	18	ug/m3	1.56
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	3	11	18	ug/m3	31.2

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2	5.9	18	ug/m3	36
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.5	5.9	35	ug/m3	104000
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.7	5.9	18	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	2.2	5.9	18	ug/m3	174000
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.3	5.9	35	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	3.8	11	18	ug/m3	24300
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y			5.2	12	35	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	4.5	11	18	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	4.5	11	35	ug/m3	69.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.2	5.9	18	ug/m3	187
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.4	5.9	18	ug/m3	34.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.4	5.9	18	ug/m3	1390
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	4.8	12	35	ug/m3	3480
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	9.7	22	35	ug/m3	2430
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.9	11	18	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	4.8	12	35	ug/m3	3480
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.6	5.9	18	ug/m3	156
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.3	5.9	35	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	13	29	180	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	7.6	22	35	ug/m3	NS
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	42	93	180	ug/m3	1080000
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.5	5.9	18	ug/m3	40.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	2.7	5.9	18	ug/m3	120
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	3	11	18	ug/m3	520
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.3	11	18	ug/m3	348000
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2	5.9	18	ug/m3	55.9
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	5.2	11	18	ug/m3	20900
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	5.5	19	35	ug/m3	24300
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	3.8	11	18	ug/m3	851
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.7	5.9	18	ug/m3	25.3
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.7	11	19	ug/m3	585
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.8	11	18	ug/m3	24300
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	3	11	18	ug/m3	3480
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.6	5.9	18	ug/m3	1040000
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	3.8	11	35	ug/m3	174000
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	2.5	5.9	18	ug/m3	69.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	4.5	11	18	ug/m3	27.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	N	U	U	2.7	5.9	18	ug/m3	3480
KAFB-106126-350	SV126-350-212	4/20/2021	N	Y	J	J	2.6	5.9	18	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	63	140	440	ug/m3	374
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	72	270	440	ug/m3	34800
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	52	140	440	ug/m3	1.56
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	74	270	440	ug/m3	31.2
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	50	140	440	ug/m3	36
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	61	140	840	ug/m3	104000
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	65	140	450	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	55	140	440	ug/m3	174000
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	56	140	840	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	Y			92	270	440	ug/m3	24300
KAFB-106126-450	SV126-450-212	4/20/2021	N	Y			130	290	840	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	110	270	440	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	110	270	840	ug/m3	69.5
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	53	140	440	ug/m3	187
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	59	140	440	ug/m3	34.7
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	58	140	440	ug/m3	1390

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	120	290	840	ug/m3	3480
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	240	550	840	ug/m3	2430
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	71	270	440	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	120	290	840	ug/m3	3480
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	62	140	430	ug/m3	156
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	55	140	840	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	310	700	4500	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	180	530	840	ug/m3	NS
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	1000	2300	4400	ug/m3	1080000
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	60	140	450	ug/m3	40.7
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	65	140	440	ug/m3	120
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	72	270	440	ug/m3	520
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	55	270	440	ug/m3	348000
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	48	140	450	ug/m3	55.9
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	130	270	440	ug/m3	20900
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	130	450	840	ug/m3	24300
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	92	270	450	ug/m3	851
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	65	140	440	ug/m3	25.3
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	66	280	450	ug/m3	585
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	68	270	430	ug/m3	24300
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	73	270	440	ug/m3	3480
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	64	140	450	ug/m3	1040000
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	92	270	840	ug/m3	174000
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	60	140	430	ug/m3	69.5
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	110	260	440	ug/m3	27.5
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	65	140	450	ug/m3	3480
KAFB-106126-450	SV126-450-212	4/20/2021	N	N	U	U	62	140	440	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.33	0.75	2.3	ug/m3	374
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.27	0.75	2.3	ug/m3	1.56
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.26	0.75	2.3	ug/m3	36
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.32	0.75	4.4	ug/m3	104000
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.34	0.75	2.3	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.29	0.75	2.3	ug/m3	174000
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.29	0.75	4.4	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.48	1.4	2.3	ug/m3	24300
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.66	1.5	4.4	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.57	1.4	2.3	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.28	0.75	2.3	ug/m3	187
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.31	0.75	2.3	ug/m3	34.7
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.3	0.75	2.3	ug/m3	1390
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.62	1.5	4.4	ug/m3	3480
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	1.2	2.9	4.4	ug/m3	2430
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.37	1.4	2.3	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.62	1.5	4.4	ug/m3	3480
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.33	0.75	2.2	ug/m3	156
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.29	0.75	4.4	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			1.6	3.7	23	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.97	2.8	4.4	ug/m3	NS
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	5.3	12	23	ug/m3	1080000
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.31	0.75	2.3	ug/m3	40.7
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.34	0.75	2.3	ug/m3	120
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.25	0.75	2.3	ug/m3	55.9
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	JB	0.7	2.4	4.4	ug/m3	24300
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	25.3
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.34	1.5	2.4	ug/m3	585
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	24300
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y	J	J	0.33	0.75	2.3	ug/m3	1040000
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
KAFB-106129-025	SV129-025-212	4/19/2021	N	N	U	U	0.32	0.75	2.2	ug/m3	69.5
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.57	1.4	2.3	ug/m3	27.5
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.34	0.75	2.3	ug/m3	3480
KAFB-106129-025	SV129-025-212	4/19/2021	N	Y			0.33	0.75	2.3	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.34	0.77	2.3	ug/m3	374
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	34800
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.28	0.77	2.3	ug/m3	1.56
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.4	1.4	2.3	ug/m3	31.2
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.27	0.77	2.3	ug/m3	36
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.33	0.77	4.5	ug/m3	104000
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.35	0.77	2.4	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.29	0.77	2.3	ug/m3	174000
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.5	1.4	2.3	ug/m3	24300
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.68	1.5	4.5	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.59	1.4	2.3	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.59	1.4	4.5	ug/m3	69.5
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.59	1.4	4.5	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.28	0.77	2.3	ug/m3	187
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.32	0.77	2.3	ug/m3	34.7
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.31	0.77	2.3	ug/m3	1390
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	1.3	2.9	4.5	ug/m3	2430
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.38	1.4	2.3	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.63	1.5	4.5	ug/m3	3480
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.33	0.77	2.3	ug/m3	156
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.3	0.77	4.5	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			1.7	3.7	24	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.99	2.8	4.5	ug/m3	NS
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	5.4	12	23	ug/m3	1080000
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.32	0.77	2.4	ug/m3	40.7
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.35	0.77	2.3	ug/m3	120
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.39	1.4	2.3	ug/m3	520
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.3	1.4	2.3	ug/m3	348000
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.26	0.77	2.4	ug/m3	55.9
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.68	1.4	2.3	ug/m3	20900
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	JB	0.72	2.4	4.5	ug/m3	24300
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.5	1.4	2.4	ug/m3	851
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.35	0.77	2.3	ug/m3	25.3
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.36	1.4	2.3	ug/m3	24300
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.34	0.77	2.4	ug/m3	1040000
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.5	1.4	4.5	ug/m3	174000
KAFB-106129-050	SV129-050-212	4/19/2021	N	N	U	U	0.32	0.77	2.3	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y	J	J	0.59	1.4	2.3	ug/m3	27.5
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.35	0.77	2.4	ug/m3	3480
KAFB-106129-050	SV129-050-212	4/19/2021	N	Y			0.33	0.77	2.3	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.32	0.73	2.2	ug/m3	374
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	1.56
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.25	0.73	2.2	ug/m3	36
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.31	0.73	4.3	ug/m3	104000
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.33	0.73	2.3	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.28	0.73	2.2	ug/m3	174000
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.29	0.73	4.3	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.47	1.4	2.2	ug/m3	24300
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.64	1.5	4.3	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.56	1.4	2.2	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.27	0.73	2.2	ug/m3	187
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.3	0.73	2.2	ug/m3	34.7
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.29	0.73	2.2	ug/m3	1390
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.36	1.4	2.2	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.6	1.5	4.3	ug/m3	3480
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.32	0.73	2.2	ug/m3	156
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.28	0.73	4.3	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			1.6	3.5	23	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.94	2.7	4.3	ug/m3	NS
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	5.1	12	22	ug/m3	1080000
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.3	0.73	2.3	ug/m3	40.7
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.33	0.73	2.2	ug/m3	120
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.37	1.4	2.2	ug/m3	520
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.24	0.73	2.3	ug/m3	55.9
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.64	1.4	2.2	ug/m3	20900
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	JB	0.68	2.3	4.3	ug/m3	24300
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.33	0.73	2.2	ug/m3	25.3
KAFB-106129-150	SV129-150-212	4/19/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.32	0.73	2.3	ug/m3	1040000
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.47	1.4	4.3	ug/m3	174000
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y	J	J	0.31	0.73	2.2	ug/m3	69.5
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.56	1.3	2.2	ug/m3	27.5
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.33	0.73	2.3	ug/m3	3480
KAFB-106129-150	SV129-150-212	4/19/2021	N	Y			0.32	0.73	2.2	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	374
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	1.56
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.34	0.78	4.6	ug/m3	104000
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.31	0.78	4.6	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.51	1.5	2.4	ug/m3	24300
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	187
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.32	0.78	2.4	ug/m3	1390
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.3	0.78	4.6	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			1.7	3.8	24	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	1	2.9	4.6	ug/m3	NS
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.33	0.78	2.4	ug/m3	40.7
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y		B	0.74	2.5	4.6	ug/m3	24300
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	851
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
KAFB-106129-250	SV129-250-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.37	1.5	2.3	ug/m3	24300
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.51	1.5	4.6	ug/m3	174000
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.33	0.78	2.3	ug/m3	69.5
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.6	1.4	2.4	ug/m3	27.5
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	3480
KAFB-106129-250	SV129-250-212	4/19/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	374
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.27	0.74	2.3	ug/m3	1.56
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.26	0.74	2.3	ug/m3	36
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.32	0.74	4.4	ug/m3	104000
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.28	0.74	2.3	ug/m3	174000
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.48	1.4	2.3	ug/m3	24300
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.66	1.5	4.4	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.57	1.4	2.3	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.28	0.74	2.3	ug/m3	187
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.31	0.74	2.3	ug/m3	34.7
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.3	0.74	2.3	ug/m3	1390
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.61	1.5	4.4	ug/m3	3480
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	1.2	2.8	4.4	ug/m3	2430
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.37	1.4	2.3	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.61	1.5	4.4	ug/m3	3480
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.32	0.74	2.2	ug/m3	156

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.29	0.74	4.4	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			1.6	3.6	23	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.96	2.8	4.4	ug/m3	NS
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	5.3	12	23	ug/m3	1080000
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.31	0.74	2.3	ug/m3	40.7
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	120
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.25	0.74	2.3	ug/m3	55.9
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y		B	0.7	2.4	4.4	ug/m3	24300
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.34	0.74	2.3	ug/m3	25.3
KAFB-106129-350	SV129-350-212	4/19/2021	N	N	U	U	0.34	1.4	2.4	ug/m3	585
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.35	1.4	2.2	ug/m3	24300
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.33	0.74	2.3	ug/m3	1040000
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.32	0.74	2.2	ug/m3	69.5
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.57	1.4	2.3	ug/m3	27.5
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y	J	J	0.34	0.74	2.3	ug/m3	3480
KAFB-106129-350	SV129-350-212	4/19/2021	N	Y			0.32	0.74	2.3	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			7.1	16	49	ug/m3	374
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	8.1	30	49	ug/m3	34800
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	5.9	16	49	ug/m3	1.56
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	8.3	30	49	ug/m3	31.2
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	5.6	16	49	ug/m3	36
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	6.9	16	95	ug/m3	104000
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			7.3	16	50	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			6.1	16	49	ug/m3	174000
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	6.3	16	95	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			10	30	49	ug/m3	24300
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			14	32	95	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			12	30	49	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	12	30	95	ug/m3	69.5
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	6	16	49	ug/m3	187
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	6.6	16	49	ug/m3	34.7
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	6.5	16	49	ug/m3	1390
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			13	32	95	ug/m3	3480
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	26	61	95	ug/m3	2430
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			8	30	49	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			13	32	95	ug/m3	3480
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	7	16	48	ug/m3	156
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	6.2	16	95	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	35	78	500	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	21	60	95	ug/m3	NS
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	110	260	490	ug/m3	1080000
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	6.7	16	50	ug/m3	40.7
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			7.3	16	49	ug/m3	120
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			8.1	30	49	ug/m3	520
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	6.2	30	49	ug/m3	348000
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	5.4	16	50	ug/m3	55.9
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	14	30	49	ug/m3	20900
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y		B	15	51	95	ug/m3	24300
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	10	30	50	ug/m3	851

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	7.3	16	49	ug/m3	25.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	7.4	31	51	ug/m3	585
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	7.7	30	48	ug/m3	24300
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	8.2	30	49	ug/m3	3480
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	7.2	16	50	ug/m3	1040000
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	10	30	95	ug/m3	174000
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	6.8	16	48	ug/m3	69.5
KAFB-106129-450	SV129-450-212	4/19/2021	N	N	U	U	12	29	49	ug/m3	27.5
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y			7.3	16	50	ug/m3	3480
KAFB-106129-450	SV129-450-212	4/19/2021	N	Y	J	J	7	16	49	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	374
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.36	1.3	2.2	ug/m3	34800
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.26	0.71	2.2	ug/m3	1.56
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.37	1.3	2.2	ug/m3	31.2
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.25	0.71	2.2	ug/m3	36
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.31	0.71	4.2	ug/m3	104000
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.27	0.71	2.2	ug/m3	174000
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.28	0.71	4.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.46	1.3	2.2	ug/m3	24300
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.63	1.4	4.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.55	1.3	2.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.55	1.3	4.2	ug/m3	69.5
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.26	0.71	2.2	ug/m3	187
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.29	0.71	2.2	ug/m3	34.7
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.29	0.71	2.2	ug/m3	1390
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.59	1.4	4.2	ug/m3	3480
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	1.2	2.7	4.2	ug/m3	2430
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.36	1.3	2.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.59	1.4	4.2	ug/m3	3480
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.31	0.71	2.1	ug/m3	156
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.28	0.71	4.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			1.6	3.5	22	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.92	2.6	4.2	ug/m3	NS
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	5	11	22	ug/m3	1080000
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.3	0.71	2.2	ug/m3	40.7
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.32	0.71	2.2	ug/m3	120
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.36	1.3	2.2	ug/m3	520
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.28	1.3	2.2	ug/m3	348000
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.24	0.71	2.2	ug/m3	55.9
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.63	1.3	2.2	ug/m3	20900
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	JB	0.67	2.3	4.2	ug/m3	24300
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.46	1.3	2.2	ug/m3	851
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.32	0.71	2.2	ug/m3	25.3
KAFB-106130-025	SV130-025-212	4/20/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y	J	J	0.34	1.3	2.1	ug/m3	24300
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.37	1.3	2.2	ug/m3	3480
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	1040000
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.46	1.3	4.2	ug/m3	174000
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.3	0.71	2.1	ug/m3	69.5
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.55	1.3	2.2	ug/m3	27.5
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.32	0.71	2.2	ug/m3	3480
KAFB-106130-025	SV130-025-212	4/20/2021	N	Y			0.31	0.71	2.2	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.27	0.61	1.9	ug/m3	374
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.31	1.2	1.9	ug/m3	34800

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.22	0.61	1.9	ug/m3	1.56
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.32	1.2	1.9	ug/m3	31.2
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.21	0.61	1.9	ug/m3	36
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.26	0.61	3.6	ug/m3	104000
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.28	0.61	1.9	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.23	0.61	1.9	ug/m3	174000
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.24	0.61	3.6	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.4	1.2	1.9	ug/m3	24300
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.54	1.2	3.6	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.47	1.2	1.9	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.47	1.2	3.6	ug/m3	69.5
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.23	0.61	1.9	ug/m3	187
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.25	0.61	1.9	ug/m3	34.7
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.25	0.61	1.9	ug/m3	1390
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.5	1.2	3.6	ug/m3	3480
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	1	2.3	3.6	ug/m3	2430
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.31	1.2	1.9	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.5	1.2	3.6	ug/m3	3480
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.27	0.61	1.8	ug/m3	156
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.24	0.61	3.6	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			1.3	3	19	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.79	2.3	3.6	ug/m3	NS
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	4.3	9.7	19	ug/m3	1080000
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.26	0.61	1.9	ug/m3	40.7
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.28	0.61	1.9	ug/m3	120
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.31	1.2	1.9	ug/m3	520
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.24	1.2	1.9	ug/m3	348000
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.21	0.61	1.9	ug/m3	55.9
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.21	0.61	1.9	ug/m3	55.9
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.54	1.2	1.9	ug/m3	20900
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	JB	0.58	1.9	3.6	ug/m3	24300
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.4	1.2	1.9	ug/m3	851
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.28	0.61	1.9	ug/m3	25.3
KAFB-106130-050	SV130-050-212	4/20/2021	N	N	U	U	0.28	1.2	1.9	ug/m3	585
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y	J	J	0.29	1.2	1.8	ug/m3	24300
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.31	1.2	1.9	ug/m3	3480
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.27	0.61	1.9	ug/m3	1040000
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.4	1.2	3.6	ug/m3	174000
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.26	0.61	1.8	ug/m3	69.5
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.47	1.1	1.9	ug/m3	27.5
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.28	0.61	1.9	ug/m3	3480
KAFB-106130-050	SV130-050-212	4/20/2021	N	Y			0.27	0.61	1.9	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.4	3.3	10	ug/m3	374
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.7	6.2	10	ug/m3	34800
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.2	3.3	10	ug/m3	1.56
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.7	6.2	10	ug/m3	31.2
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.1	3.3	10	ug/m3	36
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.4	3.3	19	ug/m3	104000
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.5	3.3	10	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y			1.3	3.3	10	ug/m3	174000
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.3	3.3	19	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y			2.1	6.2	10	ug/m3	24300
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	2.9	6.6	19	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y		V	2.5	6.2	10	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	2.5	6.2	19	ug/m3	69.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.2	3.3	10	ug/m3	187

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.4	3.3	10	ug/m3	34.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.3	3.3	10	ug/m3	1390
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y			2.7	6.6	19	ug/m3	3480
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	5.4	13	19	ug/m3	2430
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y			1.6	6.2	10	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	2.7	6.6	19	ug/m3	3480
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.4	3.3	9.8	ug/m3	156
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.3	3.3	19	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	7.1	16	100	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	4.2	12	19	ug/m3	NS
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	23	52	100	ug/m3	1080000
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.4	3.3	10	ug/m3	40.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.5	3.3	10	ug/m3	120
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.7	6.2	10	ug/m3	520
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.3	6.2	10	ug/m3	348000
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.1	3.3	10	ug/m3	55.9
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	2.9	6.2	10	ug/m3	20900
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	3.1	10	19	ug/m3	24300
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	2.1	6.2	10	ug/m3	851
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.5	3.3	10	ug/m3	25.3
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.5	6.4	10	ug/m3	585
KAFB-106130-150	SV130-150-212	4/20/2021	N	N	U	U	1.6	6.2	9.8	ug/m3	24300
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.7	6.2	10	ug/m3	3480
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.5	3.3	10	ug/m3	1040000
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	2.1	6.2	19	ug/m3	174000
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.4	3.3	9.8	ug/m3	69.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	2.5	6	10	ug/m3	27.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y	J	J	1.5	3.3	10	ug/m3	3480
KAFB-106130-150	SV130-150-212	4/20/2021	N	Y			1.4	3.3	10	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.34	0.79	4.6	ug/m3	104000
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.36	0.79	2.5	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.3	0.79	2.4	ug/m3	174000
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.31	0.79	4.6	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y		V	0.6	1.5	2.4	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	187
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.32	0.79	2.4	ug/m3	34.7
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.32	0.79	2.4	ug/m3	1390
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.65	1.6	4.6	ug/m3	3480
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.65	1.6	4.6	ug/m3	3480
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.34	0.79	2.4	ug/m3	156
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.31	0.79	4.6	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			1.7	3.8	25	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			1	2.9	4.6	ug/m3	NS
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	5.6	12	24	ug/m3	1080000
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.33	0.79	2.5	ug/m3	40.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.36	0.79	2.4	ug/m3	120
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.26	0.79	2.5	ug/m3	55.9
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.74	2.5	4.6	ug/m3	24300
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106130-250	SV130-250-212	4/20/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.37	1.5	2.4	ug/m3	24300
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	3480
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.35	0.79	2.5	ug/m3	1040000
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.51	1.5	4.6	ug/m3	174000
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.33	0.79	2.4	ug/m3	69.5
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.6	1.4	2.4	ug/m3	27.5
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	3480
KAFB-106130-250	SV130-250-212	4/20/2021	N	Y			0.34	0.79	2.4	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.33	0.76	2.3	ug/m3	374
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	1.56
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.26	0.76	2.3	ug/m3	36
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.32	0.76	4.5	ug/m3	104000
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.29	0.76	2.3	ug/m3	174000
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.3	0.76	4.5	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.49	1.4	2.3	ug/m3	24300
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.67	1.5	4.5	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	JV	0.58	1.4	2.3	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.58	1.4	4.5	ug/m3	69.5
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.28	0.76	2.3	ug/m3	187
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.31	0.76	2.3	ug/m3	34.7
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.31	0.76	2.3	ug/m3	1390
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.62	1.5	4.5	ug/m3	3480
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	1.2	2.9	4.5	ug/m3	2430
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.62	1.5	4.5	ug/m3	3480
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.33	0.76	2.3	ug/m3	156
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.29	0.76	4.5	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	1.6	3.7	24	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.98	2.8	4.5	ug/m3	NS
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	5.3	12	23	ug/m3	1080000
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.32	0.76	2.4	ug/m3	40.7
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.34	0.76	2.3	ug/m3	120
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.38	1.4	2.3	ug/m3	520
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.25	0.76	2.4	ug/m3	55.9
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.67	1.4	2.3	ug/m3	20900
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.71	2.4	4.5	ug/m3	24300
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.49	1.4	2.4	ug/m3	851
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.34	0.76	2.3	ug/m3	25.3
KAFB-106130-350	SV130-350-212	4/20/2021	N	N	U	U	0.35	1.5	2.4	ug/m3	585
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.36	1.4	2.3	ug/m3	24300
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.39	1.4	2.3	ug/m3	3480
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.49	1.4	4.5	ug/m3	174000
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.32	0.76	2.3	ug/m3	69.5
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.58	1.4	2.3	ug/m3	27.5
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y	J	J	0.34	0.76	2.4	ug/m3	3480
KAFB-106130-350	SV130-350-212	4/20/2021	N	Y			0.33	0.76	2.3	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	15	35	110	ug/m3	374
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	18	66	110	ug/m3	34800
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	13	35	110	ug/m3	1.56
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	18	66	110	ug/m3	31.2
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	12	35	110	ug/m3	36
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	15	35	210	ug/m3	104000
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	16	35	110	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y			13	35	110	ug/m3	174000
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	14	35	210	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y			23	66	110	ug/m3	24300
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y			31	70	210	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y		V	27	66	110	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	27	66	210	ug/m3	69.5
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	13	35	110	ug/m3	187
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	14	35	110	ug/m3	34.7
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	14	35	110	ug/m3	1390
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y			29	70	210	ug/m3	3480
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	57	130	210	ug/m3	2430
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y			17	66	110	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	29	70	210	ug/m3	3480
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	15	35	100	ug/m3	156
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	14	35	210	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	76	170	1100	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	14	35	210	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	76	170	1100	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	45	130	210	ug/m3	NS
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	250	550	1100	ug/m3	1080000
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	15	35	110	ug/m3	40.7
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y			16	35	110	ug/m3	120
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	18	66	110	ug/m3	520
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	14	66	110	ug/m3	348000
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	12	35	110	ug/m3	55.9
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	31	66	110	ug/m3	20900
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	33	110	210	ug/m3	24300
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	23	66	110	ug/m3	851
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	16	35	110	ug/m3	25.3
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	16	68	110	ug/m3	585
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	17	66	100	ug/m3	24300
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	18	66	110	ug/m3	3480
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	16	35	110	ug/m3	1040000
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	23	66	210	ug/m3	174000
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	15	35	100	ug/m3	69.5
KAFB-106130-450	SV130-450-212	4/20/2021	N	N	U	U	27	64	110	ug/m3	27.5
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	16	35	110	ug/m3	3480
KAFB-106130-450	SV130-450-212	4/20/2021	N	Y	J	J	15	35	110	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			6.3	14	43	ug/m3	374
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	7.2	27	43	ug/m3	34800
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.2	14	43	ug/m3	1.56
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	7.3	27	43	ug/m3	31.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	4.9	14	43	ug/m3	36
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	6.1	14	84	ug/m3	104000
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	6.4	14	44	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			5.4	14	43	ug/m3	174000
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	5.6	14	84	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			9.2	27	43	ug/m3	24300
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			13	28	84	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	JV	11	27	43	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	11	27	84	ug/m3	69.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.3	14	43	ug/m3	187
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.8	14	43	ug/m3	34.7
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.8	14	43	ug/m3	1390
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			12	28	84	ug/m3	3480
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	23	54	84	ug/m3	2430
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			7.1	27	43	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			12	28	84	ug/m3	3480
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	6.2	14	43	ug/m3	156
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.5	14	84	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	31	69	440	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	18	53	84	ug/m3	NS
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	100	230	430	ug/m3	1080000
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.9	14	44	ug/m3	40.7
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			6.4	14	43	ug/m3	120
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	7.2	27	43	ug/m3	520
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	5.5	27	43	ug/m3	348000
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	4.8	14	44	ug/m3	55.9
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	13	27	43	ug/m3	20900
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			13	45	84	ug/m3	24300
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	9.2	27	44	ug/m3	851
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	6.4	14	43	ug/m3	25.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	6.5	28	45	ug/m3	585
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	6.8	27	43	ug/m3	24300
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	7.3	27	43	ug/m3	3480
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	6.3	14	44	ug/m3	1040000
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	9.2	27	84	ug/m3	174000
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	6	14	43	ug/m3	69.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	N	U	U	11	26	43	ug/m3	27.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y			6.4	14	44	ug/m3	3480
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Y	J	J	6.2	14	43	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.33	0.75	2.3	ug/m3	374
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	34800
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.27	0.75	2.3	ug/m3	1.56
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.39	1.4	2.3	ug/m3	31.2
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.26	0.75	2.3	ug/m3	36
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.32	0.75	4.4	ug/m3	104000
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y	J	J	0.29	0.75	2.3	ug/m3	174000
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.29	0.75	4.4	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	24300
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.66	1.5	4.4	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y			0.57	1.4	2.3	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.57	1.4	4.4	ug/m3	69.5
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.28	0.75	2.3	ug/m3	187
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.31	0.75	2.3	ug/m3	34.7
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y	J	J	0.3	0.75	2.3	ug/m3	1390
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.62	1.5	4.4	ug/m3	3480
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	1.2	2.9	4.4	ug/m3	2430
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.37	1.4	2.3	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.62	1.5	4.4	ug/m3	3480
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y			0.33	0.75	2.2	ug/m3	156
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y	J	J	0.29	0.75	4.4	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y	J	J	1.6	3.7	23	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y			0.97	2.8	4.4	ug/m3	NS
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y	J	J	5.3	12	23	ug/m3	1080000
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.31	0.75	2.3	ug/m3	40.7
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	120
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.38	1.4	2.3	ug/m3	520
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.29	1.4	2.3	ug/m3	348000
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.25	0.75	2.3	ug/m3	55.9
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.66	1.4	2.3	ug/m3	20900
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.7	2.4	4.4	ug/m3	24300
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	25.3
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.34	1.5	2.4	ug/m3	585
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	24300
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y			0.38	1.4	2.3	ug/m3	3480
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y			0.33	0.75	2.3	ug/m3	1040000
KAFB-106108-025	SV108-025-212	4/19/2021	N	Y			0.48	1.4	4.4	ug/m3	174000
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.32	0.75	2.2	ug/m3	69.5
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.57	1.4	2.3	ug/m3	27.5
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.34	0.75	2.3	ug/m3	3480
KAFB-106108-025	SV108-025-212	4/19/2021	N	N	U	U	0.33	0.75	2.3	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.38	0.86	2.6	ug/m3	374
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.31	0.86	2.6	ug/m3	1.56
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.3	0.86	2.6	ug/m3	36
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.37	0.86	5.1	ug/m3	104000
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.33	0.86	2.6	ug/m3	174000
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.34	0.86	5.1	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.56	1.6	2.6	ug/m3	24300
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.76	1.7	5.1	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y	J	J	0.66	1.6	2.6	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.66	1.6	5.1	ug/m3	69.5
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.32	0.86	2.6	ug/m3	187
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.35	0.86	2.6	ug/m3	34.7
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y			0.35	0.86	2.6	ug/m3	1390
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	1.4	3.3	5.1	ug/m3	2430
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.71	1.7	5.1	ug/m3	3480
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y			0.37	0.86	2.6	ug/m3	156
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y	J	J	0.33	0.86	5.1	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y	J	J	1.9	4.2	27	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y	J	J	1.1	3.2	5.1	ug/m3	NS
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	6.1	14	26	ug/m3	1080000
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y	J	J	0.36	0.86	2.7	ug/m3	40.7
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	120
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.29	0.86	2.7	ug/m3	55.9
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.76	1.6	2.6	ug/m3	20900

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.81	2.7	5.1	ug/m3	24300
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.56	1.6	2.7	ug/m3	851
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.39	0.86	2.6	ug/m3	25.3
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.39	1.7	2.7	ug/m3	585
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y			0.41	1.6	2.6	ug/m3	24300
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y			0.44	1.6	2.6	ug/m3	3480
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y			0.38	0.86	2.7	ug/m3	1040000
KAFB-106108-050	SV108-050-212	4/19/2021	N	Y			0.56	1.6	5.1	ug/m3	174000
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.36	0.86	2.6	ug/m3	69.5
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.66	1.6	2.6	ug/m3	27.5
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.39	0.86	2.7	ug/m3	3480
KAFB-106108-050	SV108-050-212	4/19/2021	N	N	U	U	0.37	0.86	2.6	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	28	63	190	ug/m3	374
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	32	120	190	ug/m3	34800
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	23	63	190	ug/m3	1.56
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	33	120	190	ug/m3	31.2
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	22	63	190	ug/m3	36
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y	J	J	27	63	370	ug/m3	104000
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y	J	J	28	63	200	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y			24	63	190	ug/m3	174000
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	25	63	370	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y			48	120	190	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	48	120	370	ug/m3	69.5
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	23	63	190	ug/m3	187
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	26	63	190	ug/m3	34.7
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y	J	J	26	63	190	ug/m3	1390
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y	J	J	52	130	370	ug/m3	3480
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	100	240	370	ug/m3	2430
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y	J	J	52	130	370	ug/m3	3480
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	100	240	370	ug/m3	2430
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y			31	120	190	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	52	130	370	ug/m3	3480
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y	J	J	27	63	190	ug/m3	156
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	24	63	370	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	140	310	2000	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	81	230	370	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	440	1000	1900	ug/m3	1080000
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	26	63	200	ug/m3	40.7
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y			28	63	190	ug/m3	120
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	32	120	190	ug/m3	520
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	24	120	190	ug/m3	348000
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	21	63	200	ug/m3	55.9
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	56	120	190	ug/m3	20900
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	59	200	370	ug/m3	24300
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	41	120	200	ug/m3	851
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	28	63	190	ug/m3	25.3
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	29	120	200	ug/m3	585
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	30	120	190	ug/m3	24300
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	32	120	190	ug/m3	3480
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y			28	63	200	ug/m3	1040000
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	41	120	370	ug/m3	174000
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	27	63	190	ug/m3	69.5
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	48	110	190	ug/m3	27.5
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y			28	63	200	ug/m3	3480
KAFB-106108-150	SV108-150-212	4/19/2021	N	N	U	U	27	63	190	ug/m3	NS
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y		D	200	590	960	ug/m3	24300
KAFB-106108-150	SV108-150-212	4/19/2021	N	Y		D	280	630	1900	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	690	1600	4800	ug/m3	374
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	790	2900	4800	ug/m3	34800
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	570	1600	4800	ug/m3	1.56
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	810	2900	4800	ug/m3	31.2
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	540	1600	4800	ug/m3	36
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	670	1600	9200	ug/m3	104000
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	700	1600	4800	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	590	1600	4800	ug/m3	174000
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	610	1600	9200	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y			1000	2900	4800	ug/m3	24300
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y			1400	3100	9200	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y			1200	2900	4800	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1200	2900	9200	ug/m3	69.5
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	580	1600	4800	ug/m3	187
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	640	1600	4800	ug/m3	34.7
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	630	1600	4800	ug/m3	1390
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	1300	3100	9200	ug/m3	3480
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	2600	5900	9200	ug/m3	2430
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y			780	2900	4800	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1300	3100	9200	ug/m3	3480
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	680	1600	4700	ug/m3	156
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	600	1600	9200	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	3400	7600	48000	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	2000	5800	9200	ug/m3	NS
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	11000	25000	48000	ug/m3	1080000
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	650	1600	4800	ug/m3	40.7
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	700	1600	4800	ug/m3	120
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	790	2900	4800	ug/m3	520
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	700	1600	4800	ug/m3	120
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	790	2900	4800	ug/m3	520
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	600	2900	4800	ug/m3	348000
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	520	1600	4800	ug/m3	55.9
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1400	2900	4800	ug/m3	20900
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1500	4900	9200	ug/m3	24300
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1000	2900	4800	ug/m3	851
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	700	1600	4800	ug/m3	25.3
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	710	3000	4900	ug/m3	585
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	740	2900	4700	ug/m3	24300
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	800	2900	4800	ug/m3	3480
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	700	1600	4800	ug/m3	1040000
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1000	2900	9200	ug/m3	174000
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	660	1600	4700	ug/m3	69.5
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	1200	2800	4800	ug/m3	27.5
KAFB-106108-250	SV108-250-212	4/19/2021	N	Y	J	J	700	1600	4800	ug/m3	3480
KAFB-106108-250	SV108-250-212	4/19/2021	N	N	U	U	680	1600	4800	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.5	5.7	18	ug/m3	374
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.9	11	18	ug/m3	34800
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.1	5.7	18	ug/m3	1.56
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	3	11	18	ug/m3	31.2
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2	5.7	18	ug/m3	36
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.5	5.7	34	ug/m3	104000
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.6	5.7	18	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			2.2	5.7	18	ug/m3	174000
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.3	5.7	34	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			3.7	11	18	ug/m3	24300
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			4.4	11	18	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	4.4	11	34	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.1	5.7	18	ug/m3	187
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.4	5.7	18	ug/m3	34.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.3	5.7	18	ug/m3	1390
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			4.7	11	34	ug/m3	3480
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	9.5	22	34	ug/m3	2430
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			2.9	11	18	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	4.7	11	34	ug/m3	3480
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			2.5	5.7	17	ug/m3	156
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.2	5.7	34	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	13	28	180	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			7.4	21	34	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	41	91	180	ug/m3	1080000
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.4	5.7	18	ug/m3	40.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.6	5.7	18	ug/m3	120
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.9	11	18	ug/m3	520
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.2	11	18	ug/m3	348000
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	1.9	5.7	18	ug/m3	55.9
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	5.1	11	18	ug/m3	20900
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	5.4	18	34	ug/m3	24300
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	3.7	11	18	ug/m3	851
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.6	5.7	18	ug/m3	25.3
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.6	11	18	ug/m3	585
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			2.7	11	17	ug/m3	24300
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.9	11	18	ug/m3	3480
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			2.6	5.7	18	ug/m3	1040000
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	3.7	11	34	ug/m3	174000
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y	J	J	2.4	5.7	17	ug/m3	69.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	4.4	10	18	ug/m3	27.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y			2.6	5.7	18	ug/m3	3480
KAFB-106108-350	SV108-350-212	4/19/2021	N	N	U	U	2.5	5.7	18	ug/m3	NS
KAFB-106108-350	SV108-350-212	4/19/2021	N	Y		D	17	38	110	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.8	13	40	ug/m3	374
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	6.6	25	40	ug/m3	34800
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	4.8	13	40	ug/m3	1.56
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	6.8	25	40	ug/m3	31.2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	4.5	13	40	ug/m3	36
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.6	13	77	ug/m3	104000
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.9	13	41	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	5	13	40	ug/m3	174000
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.1	13	77	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			8.4	25	40	ug/m3	24300
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			12	26	77	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			10	25	40	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	10	25	77	ug/m3	69.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	4.8	13	40	ug/m3	187
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.4	13	40	ug/m3	34.7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	5.3	13	40	ug/m3	1390
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	11	26	77	ug/m3	3480
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	22	50	77	ug/m3	2430
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			6.5	25	40	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	11	26	77	ug/m3	3480
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			5.7	13	39	ug/m3	156
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.1	13	77	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	28	64	410	ug/m3	NS
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	17	48	77	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lim	reporting_detection_lir	quantitation_lim	detection_limit_unit	Project Screening L
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	92	210	400	ug/m3	1080000
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	5.5	13	41	ug/m3	40.7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	5.9	13	40	ug/m3	120
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	6.6	25	40	ug/m3	520
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.1	25	40	ug/m3	348000
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	4.4	13	41	ug/m3	55.9
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	12	25	40	ug/m3	20900
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	12	41	77	ug/m3	24300
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	8.4	25	41	ug/m3	851
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.9	13	40	ug/m3	25.3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	6	25	41	ug/m3	585
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	6.2	25	39	ug/m3	24300
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	6.7	25	40	ug/m3	3480
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			5.8	13	41	ug/m3	1040000
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	8.4	25	77	ug/m3	174000
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y	J	J	5.5	13	39	ug/m3	69.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	10	24	40	ug/m3	27.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Y			5.9	13	41	ug/m3	3480
KAFB-106108-350	SV108-350-612	4/19/2021	FD	N	U	U	5.7	13	40	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	374
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.29	0.81	2.5	ug/m3	1.56
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.31	0.81	2.5	ug/m3	174000
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.32	0.81	4.8	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.52	1.5	2.5	ug/m3	24300
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.71	1.6	4.8	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.62	1.5	2.5	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.33	0.81	2.5	ug/m3	1390
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.4	1.5	2.5	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.31	0.81	4.8	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	1.8	3.9	25	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	1	3	4.8	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	5.7	13	25	ug/m3	1080000
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.37	0.81	2.5	ug/m3	120
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.41	1.5	2.5	ug/m3	520
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.31	1.5	2.5	ug/m3	348000
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.27	0.81	2.5	ug/m3	55.9
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.71	1.5	2.5	ug/m3	20900
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.76	2.6	4.8	ug/m3	24300
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y	J	J	0.37	1.6	2.6	ug/m3	585
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.38	1.5	2.4	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.52	1.5	4.8	ug/m3	174000
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.34	0.81	2.4	ug/m3	69.5
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	27.5
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y			0.37	0.81	2.5	ug/m3	3480
KAFB-106108-450	SV108-450-212	4/19/2021	N	N	U	U	0.35	0.81	2.5	ug/m3	NS
KAFB-106108-450	SV108-450-212	4/19/2021	N	Y		D	3.6	8.1	25	ug/m3	1040000
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.35	0.79	2.4	ug/m3	374
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.28	0.79	2.4	ug/m3	36
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.34	0.79	4.7	ug/m3	104000
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.36	0.79	2.5	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.3	0.79	2.4	ug/m3	174000
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.31	0.79	4.7	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.7	1.6	4.7	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.61	1.5	2.4	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.61	1.5	4.7	ug/m3	69.5
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	187
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.33	0.79	2.4	ug/m3	34.7
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.32	0.79	2.4	ug/m3	1390
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.65	1.6	4.7	ug/m3	3480
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			1.3	3	4.7	ug/m3	2430
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.65	1.6	4.7	ug/m3	3480
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			0.35	0.79	2.4	ug/m3	156
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.65	1.6	4.7	ug/m3	3480
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			0.35	0.79	2.4	ug/m3	156
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.31	0.79	4.7	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	1.7	3.9	25	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	1	2.9	4.7	ug/m3	NS
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	5.6	13	24	ug/m3	1080000
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			0.33	0.79	2.5	ug/m3	40.7
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.36	0.79	2.4	ug/m3	120
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.7	1.5	2.4	ug/m3	20900
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.75	2.5	4.7	ug/m3	24300
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			0.41	1.5	2.4	ug/m3	3480
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y			0.36	0.79	2.5	ug/m3	1040000
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.51	1.5	4.7	ug/m3	174000
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.34	0.79	2.4	ug/m3	69.5
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.61	1.4	2.4	ug/m3	27.5
KAFB-106112-025	SV112-025-212	4/19/2021	N	N	U	U	0.36	0.79	2.5	ug/m3	3480
KAFB-106112-025	SV112-025-212	4/19/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	374
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	1.56
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.35	0.81	4.8	ug/m3	104000
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.31	0.81	2.5	ug/m3	174000
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y			0.32	0.81	4.8	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.53	1.5	2.5	ug/m3	24300
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.62	1.5	2.5	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.67	1.6	4.8	ug/m3	3480
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.67	1.6	4.8	ug/m3	3480
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.32	0.81	4.8	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	1.8	4	25	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	5.7	13	25	ug/m3	1080000
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y			0.34	0.81	2.5	ug/m3	40.7
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.76	2.6	4.8	ug/m3	24300
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y			0.39	1.5	2.4	ug/m3	24300
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106112-050	SV112-050-212	4/19/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	27.5
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	3480
KAFB-106112-050	SV112-050-212	4/19/2021	N	Y	J	J	0.35	0.81	2.5	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.32	0.72	2.2	ug/m3	374
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.26	0.72	2.2	ug/m3	1.56
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	31.2
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.25	0.72	2.2	ug/m3	36
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.31	0.72	4.3	ug/m3	104000
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.33	0.72	2.3	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.28	0.72	2.2	ug/m3	174000
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.28	0.72	4.3	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.47	1.4	2.2	ug/m3	24300
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.64	1.4	4.3	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.55	1.4	2.2	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.55	1.4	4.3	ug/m3	69.5
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.27	0.72	2.2	ug/m3	187
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.3	0.72	2.2	ug/m3	34.7
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.29	0.72	2.2	ug/m3	1390
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.6	1.4	4.3	ug/m3	3480

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			1.2	2.8	4.3	ug/m3	2430
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.36	1.4	2.2	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.6	1.4	4.3	ug/m3	3480
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.31	0.72	2.2	ug/m3	156
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.28	0.72	4.3	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	1.6	3.5	23	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.94	2.7	4.3	ug/m3	NS
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	5.1	11	22	ug/m3	1080000
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.3	0.72	2.3	ug/m3	40.7
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.33	0.72	2.2	ug/m3	120
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	520
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.28	1.4	2.2	ug/m3	348000
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.24	0.72	2.3	ug/m3	55.9
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.64	1.4	2.2	ug/m3	20900
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.68	2.3	4.3	ug/m3	24300
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.47	1.4	2.3	ug/m3	851
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.33	0.72	2.2	ug/m3	25.3
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.33	1.4	2.3	ug/m3	585
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.34	1.4	2.2	ug/m3	24300
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.37	1.4	2.2	ug/m3	3480
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.32	0.72	2.3	ug/m3	1040000
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y			0.47	1.4	4.3	ug/m3	174000
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.31	0.72	2.2	ug/m3	69.5
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.55	1.3	2.2	ug/m3	27.5
KAFB-106112-150	SV112-150-212	4/19/2021	N	Y	J	J	0.33	0.72	2.3	ug/m3	3480
KAFB-106112-150	SV112-150-212	4/19/2021	N	N	U	U	0.31	0.72	2.2	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.35	0.79	2.4	ug/m3	374
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.29	0.79	2.4	ug/m3	1.56
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.41	1.5	2.4	ug/m3	31.2
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.27	0.79	2.4	ug/m3	36
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.34	0.79	4.7	ug/m3	104000
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.3	0.79	2.4	ug/m3	174000
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.31	0.79	4.7	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.7	1.6	4.7	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.6	1.5	2.4	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.6	1.5	4.7	ug/m3	69.5
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.29	0.79	2.4	ug/m3	187
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.33	0.79	2.4	ug/m3	34.7
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.32	0.79	2.4	ug/m3	1390
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.65	1.6	4.7	ug/m3	3480
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			1.3	3	4.7	ug/m3	2430
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.65	1.6	4.7	ug/m3	3480
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.34	0.79	2.4	ug/m3	156
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.31	0.79	4.7	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	1.7	3.9	25	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			1	2.9	4.7	ug/m3	NS
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			5.6	13	24	ug/m3	1080000
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.33	0.79	2.5	ug/m3	40.7
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.36	0.79	2.4	ug/m3	120
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.4	1.5	2.4	ug/m3	520
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.31	1.5	2.4	ug/m3	348000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.27	0.79	2.5	ug/m3	55.9
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.7	1.5	2.4	ug/m3	20900
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.74	2.5	4.7	ug/m3	24300
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.51	1.5	2.5	ug/m3	851
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.36	0.79	2.4	ug/m3	25.3
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.35	0.79	2.5	ug/m3	1040000
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y			0.51	1.5	4.7	ug/m3	174000
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.33	0.79	2.4	ug/m3	69.5
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.6	1.4	2.4	ug/m3	27.5
KAFB-106112-250	SV112-250-212	4/19/2021	N	Y	J	J	0.36	0.79	2.5	ug/m3	3480
KAFB-106112-250	SV112-250-212	4/19/2021	N	N	U	U	0.34	0.79	2.4	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.32	0.74	2.2	ug/m3	374
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	34800
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.27	0.74	2.2	ug/m3	1.56
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.38	1.4	2.2	ug/m3	31.2
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.26	0.74	2.2	ug/m3	36
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.32	0.74	4.3	ug/m3	104000
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.33	0.74	2.3	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.28	0.74	2.2	ug/m3	174000
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.29	0.74	4.3	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.48	1.4	2.2	ug/m3	24300
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.65	1.5	4.3	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.56	1.4	2.2	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.27	0.74	2.2	ug/m3	187
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.56	1.4	4.3	ug/m3	69.5
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.27	0.74	2.2	ug/m3	187
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.3	0.74	2.2	ug/m3	34.7
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.3	0.74	2.2	ug/m3	1390
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.61	1.5	4.3	ug/m3	3480
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	1.2	2.8	4.3	ug/m3	2430
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.37	1.4	2.2	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.61	1.5	4.3	ug/m3	3480
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.32	0.74	2.2	ug/m3	156
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.29	0.74	4.3	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	1.6	3.6	23	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.95	2.7	4.3	ug/m3	NS
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	5.2	12	22	ug/m3	1080000
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.31	0.74	2.3	ug/m3	40.7
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.33	0.74	2.2	ug/m3	120
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.37	1.4	2.2	ug/m3	520
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.29	1.4	2.2	ug/m3	348000
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.25	0.74	2.3	ug/m3	55.9
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.65	1.4	2.2	ug/m3	20900
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.69	2.3	4.3	ug/m3	24300
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.48	1.4	2.3	ug/m3	851
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.33	0.74	2.2	ug/m3	25.3
KAFB-106112-350	SV112-350-212	4/19/2021	N	N	U	U	0.34	1.4	2.3	ug/m3	585
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.35	1.4	2.2	ug/m3	24300
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.38	1.4	2.2	ug/m3	3480
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.33	0.74	2.3	ug/m3	1040000
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.48	1.4	4.3	ug/m3	174000
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.31	0.74	2.2	ug/m3	69.5
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y	J	J	0.56	1.3	2.2	ug/m3	27.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.33	0.74	2.3	ug/m3	3480
KAFB-106112-350	SV112-350-212	4/19/2021	N	Y			0.32	0.74	2.2	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y		D	400	1200	1900	ug/m3	24300
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y		D	550	1200	3700	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y		D	310	1200	1900	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			69	160	480	ug/m3	374
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	79	290	480	ug/m3	34800
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	57	160	480	ug/m3	1.56
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	81	290	480	ug/m3	31.2
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	54	160	480	ug/m3	36
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	67	160	920	ug/m3	104000
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			70	160	480	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			59	160	480	ug/m3	174000
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	61	160	920	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			120	290	480	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	120	290	920	ug/m3	69.5
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	58	160	480	ug/m3	187
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	64	160	480	ug/m3	34.7
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y	J	J	63	160	480	ug/m3	1390
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			130	310	920	ug/m3	3480
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	260	590	920	ug/m3	2430
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			130	310	920	ug/m3	3480
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	68	160	470	ug/m3	156
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	60	160	920	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	340	760	4800	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	200	580	920	ug/m3	NS
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	1100	2500	4800	ug/m3	1080000
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	65	160	480	ug/m3	40.7
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			70	160	480	ug/m3	120
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	79	290	480	ug/m3	520
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	60	290	480	ug/m3	348000
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	52	160	480	ug/m3	55.9
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	140	290	480	ug/m3	20900
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	150	490	920	ug/m3	24300
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	100	290	480	ug/m3	851
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	70	160	480	ug/m3	25.3
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	71	300	490	ug/m3	585
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	74	290	470	ug/m3	24300
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	80	290	480	ug/m3	3480
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y	J	J	70	160	480	ug/m3	1040000
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	100	290	920	ug/m3	174000
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	66	160	470	ug/m3	69.5
KAFB-106112-450	SV112-450-212	4/19/2021	N	N	U	U	120	280	480	ug/m3	27.5
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			70	160	480	ug/m3	3480
KAFB-106112-450	SV112-450-212	4/19/2021	N	Y			68	160	480	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y		D	380	1100	1800	ug/m3	24300
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y		D	510	1200	3400	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y		D	290	1100	1800	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			64	150	440	ug/m3	374
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	74	270	440	ug/m3	34800
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	53	150	440	ug/m3	1.56
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	75	270	440	ug/m3	31.2
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	50	150	440	ug/m3	36
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	62	150	860	ug/m3	104000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			66	150	450	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			56	150	440	ug/m3	174000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	57	150	860	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			110	270	440	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	110	270	860	ug/m3	69.5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	54	150	440	ug/m3	187
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	60	150	440	ug/m3	34.7
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y	J	J	59	150	440	ug/m3	1390
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			120	290	860	ug/m3	3480
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	240	560	860	ug/m3	2430
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			120	290	860	ug/m3	3480
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	63	150	440	ug/m3	156
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	56	150	860	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	320	710	4500	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	190	540	860	ug/m3	NS
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	1000	2300	4400	ug/m3	1080000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	61	150	450	ug/m3	40.7
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			66	150	440	ug/m3	120
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	74	270	440	ug/m3	520
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	56	270	440	ug/m3	348000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	49	150	450	ug/m3	55.9
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	130	270	440	ug/m3	20900
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	140	460	860	ug/m3	24300
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	94	270	450	ug/m3	851
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	66	150	440	ug/m3	25.3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	67	280	460	ug/m3	585
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	69	270	440	ug/m3	24300
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	74	270	440	ug/m3	3480
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y	J	J	65	150	450	ug/m3	1040000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	94	270	860	ug/m3	174000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	62	150	440	ug/m3	69.5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	N	U	U	110	270	440	ug/m3	27.5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			66	150	450	ug/m3	3480
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Y			63	150	440	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.37	0.85	2.6	ug/m3	374
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	34800
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	1.56
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.44	1.6	2.6	ug/m3	31.2
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.29	0.85	2.6	ug/m3	36
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.36	0.85	5	ug/m3	104000
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.32	0.85	2.6	ug/m3	174000
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	24300
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.75	1.7	5	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.65	1.6	2.6	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.65	1.6	5	ug/m3	69.5
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.31	0.85	2.6	ug/m3	187
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.35	0.85	2.6	ug/m3	34.7
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.34	0.85	2.6	ug/m3	1390
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.7	1.7	5	ug/m3	3480
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	1.4	3.2	5	ug/m3	2430
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.42	1.6	2.6	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.7	1.7	5	ug/m3	3480
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y			0.37	0.85	2.5	ug/m3	156
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.33	0.85	5	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	1.8	4.1	26	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	1.1	3.1	5	ug/m3	NS
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	6	13	26	ug/m3	1080000
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.35	0.85	2.6	ug/m3	40.7
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	120
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.43	1.6	2.6	ug/m3	520
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.33	1.6	2.6	ug/m3	348000
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.28	0.85	2.6	ug/m3	55.9
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.75	1.6	2.6	ug/m3	20900
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.8	2.7	5	ug/m3	24300
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.55	1.6	2.6	ug/m3	851
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.38	0.85	2.6	ug/m3	25.3
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.39	1.6	2.7	ug/m3	585
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y			0.4	1.6	2.5	ug/m3	24300
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y			0.43	1.6	2.6	ug/m3	3480
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y			0.38	0.85	2.6	ug/m3	1040000
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y			0.55	1.6	5	ug/m3	174000
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.36	0.85	2.5	ug/m3	69.5
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.65	1.5	2.6	ug/m3	27.5
KAFB-106118-025	SV118-025-212	4/19/2021	N	Y	J	J	0.38	0.85	2.6	ug/m3	3480
KAFB-106118-025	SV118-025-212	4/19/2021	N	N	U	U	0.37	0.85	2.6	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.36	0.81	2.5	ug/m3	374
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.29	0.81	2.5	ug/m3	1.56
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.31	0.81	2.5	ug/m3	174000
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.32	0.81	4.8	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.52	1.5	2.5	ug/m3	24300
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.71	1.6	4.8	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.62	1.5	2.5	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.3	0.81	2.5	ug/m3	187
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.4	1.5	2.5	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.67	1.6	4.8	ug/m3	3480
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.35	0.81	2.4	ug/m3	156
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.31	0.81	4.8	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	1.8	3.9	25	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	1	3	4.8	ug/m3	NS
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			5.7	13	25	ug/m3	1080000
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.41	1.5	2.5	ug/m3	520
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.31	1.5	2.5	ug/m3	348000
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.71	1.5	2.5	ug/m3	20900
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.76	2.6	4.8	ug/m3	24300
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.52	1.5	2.5	ug/m3	851
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.38	1.5	2.4	ug/m3	24300
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.41	1.5	2.5	ug/m3	3480
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.52	1.5	4.8	ug/m3	174000
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y			0.34	0.81	2.4	ug/m3	69.5
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	27.5
KAFB-106118-050	SV118-050-212	4/19/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	3480
KAFB-106118-050	SV118-050-212	4/19/2021	N	N	U	U	0.35	0.81	2.5	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	29	89	ug/m3	374
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	15	55	89	ug/m3	34800
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	11	29	89	ug/m3	1.56
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	15	55	89	ug/m3	31.2
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	10	29	89	ug/m3	36
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	29	170	ug/m3	104000
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	29	91	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	11	29	89	ug/m3	174000
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	12	29	170	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y			19	55	89	ug/m3	24300
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y			26	58	170	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	22	55	89	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	22	55	170	ug/m3	69.5
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	11	29	89	ug/m3	187
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	12	29	89	ug/m3	34.7
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	12	29	89	ug/m3	1390
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	24	58	170	ug/m3	3480
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	48	110	170	ug/m3	2430
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y			15	55	89	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	48	110	170	ug/m3	2430
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y			15	55	89	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	24	58	170	ug/m3	3480
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	13	29	88	ug/m3	156
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	11	29	170	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	64	140	910	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y			38	110	170	ug/m3	NS
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	210	460	890	ug/m3	1080000
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	12	29	91	ug/m3	40.7
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	13	29	89	ug/m3	120
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	15	55	89	ug/m3	520
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	11	55	89	ug/m3	348000
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	9.8	29	91	ug/m3	55.9
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	26	55	89	ug/m3	20900
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	28	93	170	ug/m3	24300
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	19	55	91	ug/m3	851
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	29	89	ug/m3	25.3
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	57	93	ug/m3	585
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	14	55	88	ug/m3	24300
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	15	55	89	ug/m3	3480
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	13	29	91	ug/m3	1040000
KAFB-106118-160	SV118-160-212	4/19/2021	N	Y	J	J	19	55	170	ug/m3	174000
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	12	29	88	ug/m3	69.5
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	22	53	89	ug/m3	27.5
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	29	91	ug/m3	3480
KAFB-106118-160	SV118-160-212	4/19/2021	N	N	U	U	13	29	89	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	930	ug/m3	374
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	150	570	930	ug/m3	34800
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	110	300	930	ug/m3	1.56

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	160	570	930	ug/m3	31.2
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	110	300	930	ug/m3	36
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	1800	ug/m3	104000
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	140	300	950	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	120	300	930	ug/m3	174000
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	120	300	1800	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	Y			200	570	930	ug/m3	24300
KAFB-106118-265	SV118-265-212	4/19/2021	N	Y			270	610	1800	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	Y	J	J	230	570	930	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	230	570	1800	ug/m3	69.5
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	110	300	930	ug/m3	187
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	930	ug/m3	34.7
KAFB-106118-265	SV118-265-212	4/19/2021	N	Y	J	J	120	300	930	ug/m3	1390
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	250	610	1800	ug/m3	3480
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	500	1200	1800	ug/m3	2430
KAFB-106118-265	SV118-265-212	4/19/2021	N	Y	J	J	150	570	930	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	250	610	1800	ug/m3	3480
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	910	ug/m3	156
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	120	300	1800	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	660	1500	9500	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	390	1100	1800	ug/m3	NS
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	2100	4800	9300	ug/m3	1080000
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	950	ug/m3	40.7
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	140	300	930	ug/m3	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	150	570	930	ug/m3	520
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	120	570	930	ug/m3	348000
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	100	300	950	ug/m3	55.9
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	270	570	930	ug/m3	20900
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	290	970	1800	ug/m3	24300
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	200	570	950	ug/m3	851
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	140	300	930	ug/m3	25.3
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	140	590	970	ug/m3	585
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	140	570	910	ug/m3	24300
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	160	570	930	ug/m3	3480
KAFB-106118-265	SV118-265-212	4/19/2021	N	Y	J	J	140	300	950	ug/m3	1040000
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	200	570	1800	ug/m3	174000
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	910	ug/m3	69.5
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	230	550	930	ug/m3	27.5
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	140	300	950	ug/m3	3480
KAFB-106118-265	SV118-265-212	4/19/2021	N	N	U	U	130	300	930	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	43	97	300	ug/m3	374
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	49	180	300	ug/m3	34800
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	36	97	300	ug/m3	1.56
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	50	180	300	ug/m3	31.2
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	34	97	300	ug/m3	36
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	42	97	570	ug/m3	104000
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	44	97	300	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	37	97	300	ug/m3	174000
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	38	97	570	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y			63	180	300	ug/m3	24300
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y			86	190	570	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	75	180	300	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	75	180	570	ug/m3	69.5
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	36	97	300	ug/m3	187
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	40	97	300	ug/m3	34.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y	J	J	40	97	300	ug/m3	1390
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	80	190	570	ug/m3	3480
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y	J	J	160	370	570	ug/m3	2430
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	49	180	300	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	80	190	570	ug/m3	3480
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	42	97	290	ug/m3	156
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	38	97	570	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y			210	480	3000	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y	J	J	130	360	570	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	690	1500	3000	ug/m3	1080000
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	41	97	300	ug/m3	40.7
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	44	97	300	ug/m3	120
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	49	180	300	ug/m3	520
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	38	180	300	ug/m3	348000
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	33	97	300	ug/m3	55.9
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y	J	J	86	180	300	ug/m3	20900
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	92	310	570	ug/m3	24300
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	63	180	300	ug/m3	851
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	44	97	300	ug/m3	25.3
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	45	190	310	ug/m3	585
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	46	180	290	ug/m3	24300
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y	J	J	50	180	300	ug/m3	3480
KAFB-106118-350	SV118-350-212	4/19/2021	N	Y	J	J	44	97	300	ug/m3	1040000
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	63	180	570	ug/m3	174000
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	41	97	290	ug/m3	69.5
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	75	180	300	ug/m3	27.5
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	44	97	300	ug/m3	3480
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	42	97	300	ug/m3	NS
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	44	97	300	ug/m3	3480
KAFB-106118-350	SV118-350-212	4/19/2021	N	N	U	U	42	97	300	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	10	23	44	ug/m3	1080000
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7.3	16	50	ug/m3	374
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	8.3	31	50	ug/m3	34800
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6	16	50	ug/m3	1.56
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	8.5	31	50	ug/m3	31.2
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	5.7	16	50	ug/m3	36
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7.1	16	97	ug/m3	104000
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	7.5	16	51	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y			6.3	16	50	ug/m3	174000
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	6.5	16	97	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y			11	31	50	ug/m3	24300
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y			15	33	97	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	13	31	50	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	13	31	97	ug/m3	69.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6.1	16	50	ug/m3	187
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6.8	16	50	ug/m3	34.7
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6.7	16	50	ug/m3	1390
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	14	33	97	ug/m3	3480
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	27	63	97	ug/m3	2430
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	8.2	31	50	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	14	33	97	ug/m3	3480
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	7.2	16	49	ug/m3	156
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6.4	16	97	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	36	81	510	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	21	61	97	ug/m3	NS
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	120	260	500	ug/m3	1080000
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6.9	16	51	ug/m3	40.7

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y			7.5	16	50	ug/m3	120
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	8.3	31	50	ug/m3	520
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	6.4	31	50	ug/m3	348000
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	5.5	16	51	ug/m3	55.9
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	15	31	50	ug/m3	20900
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y		B	16	52	97	ug/m3	24300
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	11	31	51	ug/m3	851
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7.5	16	50	ug/m3	25.3
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7.6	32	52	ug/m3	585
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7.9	31	49	ug/m3	24300
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	8.4	31	50	ug/m3	3480
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	7.4	16	51	ug/m3	1040000
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	11	31	97	ug/m3	174000
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7	16	49	ug/m3	69.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	13	30	50	ug/m3	27.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	Y	J	J	7.5	16	51	ug/m3	3480
KAFB-106118-450	SV118-450-212	4/19/2021	N	N	U	U	7.2	16	50	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	95	ug/m3	374
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	16	59	95	ug/m3	34800
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	11	31	95	ug/m3	1.56
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	16	59	95	ug/m3	31.2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	11	31	95	ug/m3	36
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	13	31	180	ug/m3	104000
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	97	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y			12	31	95	ug/m3	174000
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	12	31	180	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y			20	59	95	ug/m3	24300
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y			27	62	180	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y			20	59	95	ug/m3	24300
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y			27	62	180	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	24	59	95	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	24	59	180	ug/m3	69.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	12	31	95	ug/m3	187
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	13	31	95	ug/m3	34.7
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	13	31	95	ug/m3	1390
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	26	62	180	ug/m3	3480
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	51	120	180	ug/m3	2430
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	16	59	95	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	26	62	180	ug/m3	3480
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	93	ug/m3	156
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	12	31	180	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	68	150	970	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	40	120	180	ug/m3	NS
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	220	490	950	ug/m3	1080000
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	13	31	97	ug/m3	40.7
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	95	ug/m3	120
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	16	59	95	ug/m3	520
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	12	59	95	ug/m3	348000
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	10	31	97	ug/m3	55.9
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	27	59	95	ug/m3	20900
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y			29	99	180	ug/m3	24300
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	20	59	97	ug/m3	851
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	14	31	95	ug/m3	25.3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	14	60	99	ug/m3	585
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	15	59	93	ug/m3	24300
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	16	59	95	ug/m3	3480
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	97	ug/m3	1040000

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	20	59	180	ug/m3	174000
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	13	31	93	ug/m3	69.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	N	U	U	24	57	95	ug/m3	27.5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	97	ug/m3	3480
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Y	J	J	14	31	95	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.36	0.81	2.5	ug/m3	374
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	1.56
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.35	0.81	4.8	ug/m3	104000
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.37	0.81	2.5	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.31	0.81	2.5	ug/m3	174000
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.32	0.81	4.8	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	24300
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.62	1.5	2.5	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.41	1.5	2.5	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.35	0.81	2.4	ug/m3	156
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.32	0.81	4.8	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	1.8	4	25	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	5.7	13	25	ug/m3	1080000
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.72	1.5	2.5	ug/m3	20900
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.76	2.6	4.8	ug/m3	24300
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	24300
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y	J	J	0.53	1.5	4.8	ug/m3	174000
KAFB-106119-025	SV119-025-212	4/20/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.62	1.5	2.5	ug/m3	27.5
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.37	0.81	2.5	ug/m3	3480
KAFB-106119-025	SV119-025-212	4/20/2021	N	Y			0.35	0.81	2.5	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	374
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	34800
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.29	0.78	2.4	ug/m3	1.56
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	31.2
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.27	0.78	2.4	ug/m3	36
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.34	0.78	4.6	ug/m3	104000
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.3	0.78	2.4	ug/m3	174000
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.31	0.78	4.6	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	24300
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.69	1.6	4.6	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.6	1.5	2.4	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.6	1.5	4.6	ug/m3	69.5
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.29	0.78	2.4	ug/m3	187
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.32	0.78	2.4	ug/m3	34.7
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.32	0.78	2.4	ug/m3	1390
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	1.3	3	4.6	ug/m3	2430
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.64	1.6	4.6	ug/m3	3480
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.34	0.78	2.3	ug/m3	156
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.3	0.78	4.6	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	1.7	3.8	24	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	1	2.9	4.6	ug/m3	NS
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	5.5	12	24	ug/m3	1080000
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.33	0.78	2.4	ug/m3	40.7
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	120
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.4	1.5	2.4	ug/m3	520
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.3	1.5	2.4	ug/m3	348000
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.26	0.78	2.4	ug/m3	55.9
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.69	1.5	2.4	ug/m3	20900
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.74	2.5	4.6	ug/m3	24300
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.51	1.5	2.4	ug/m3	851
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.35	0.78	2.4	ug/m3	25.3
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.36	1.5	2.5	ug/m3	585
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.37	1.5	2.3	ug/m3	24300
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.4	1.5	2.4	ug/m3	3480
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.35	0.78	2.4	ug/m3	1040000
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.51	1.5	4.6	ug/m3	174000
KAFB-106119-050	SV119-050-212	4/20/2021	N	N	U	U	0.33	0.78	2.3	ug/m3	69.5
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.6	1.4	2.4	ug/m3	27.5
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y	J	J	0.35	0.78	2.4	ug/m3	3480
KAFB-106119-050	SV119-050-212	4/20/2021	N	Y			0.34	0.78	2.4	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.64	1.5	4.4	ug/m3	374
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.74	2.7	4.4	ug/m3	34800
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.53	1.5	4.4	ug/m3	1.56
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.75	2.7	4.4	ug/m3	31.2
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.5	1.5	4.4	ug/m3	36
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.62	1.5	8.6	ug/m3	104000
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.66	1.5	4.5	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.56	1.5	4.4	ug/m3	174000
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.57	1.5	8.6	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.94	2.7	4.4	ug/m3	24300
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			1.3	2.9	8.6	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			1.1	2.7	4.4	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	1.1	2.7	8.6	ug/m3	69.5
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.54	1.5	4.4	ug/m3	187
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.6	1.5	4.4	ug/m3	34.7
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	0.59	1.5	4.4	ug/m3	1390
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	1.2	2.9	8.6	ug/m3	3480
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	2.4	5.6	8.6	ug/m3	2430
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	0.73	2.7	4.4	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	1.2	2.9	8.6	ug/m3	3480
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.63	1.5	4.4	ug/m3	156
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.56	1.5	8.6	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	3.2	7.1	45	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	1.9	5.4	8.6	ug/m3	NS
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.61	1.5	4.5	ug/m3	40.7
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.66	1.5	4.4	ug/m3	120
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.74	2.7	4.4	ug/m3	520
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.56	2.7	4.4	ug/m3	348000
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.49	1.5	4.5	ug/m3	55.9
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	1.3	2.7	4.4	ug/m3	20900
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			1.4	4.6	8.6	ug/m3	24300
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.94	2.7	4.5	ug/m3	851
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.66	1.5	4.4	ug/m3	25.3
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.67	2.8	4.6	ug/m3	585
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	0.69	2.7	4.4	ug/m3	24300
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	0.74	2.7	4.4	ug/m3	3480
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y			0.65	1.5	4.5	ug/m3	1040000
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.94	2.7	8.6	ug/m3	174000
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	0.62	1.5	4.4	ug/m3	69.5
KAFB-106119-150	SV119-150-212	4/20/2021	N	N	U	U	1.1	2.7	4.4	ug/m3	27.5
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	0.66	1.5	4.5	ug/m3	3480
KAFB-106119-150	SV119-150-212	4/20/2021	N	Y	J	J	0.63	1.5	4.4	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	18	41	120	ug/m3	374
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	21	77	120	ug/m3	34800
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	15	41	120	ug/m3	1.56
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	21	77	120	ug/m3	31.2
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	14	41	120	ug/m3	36
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	18	41	240	ug/m3	104000
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	18	41	130	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			16	41	120	ug/m3	174000
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	16	41	240	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			26	77	120	ug/m3	24300
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			36	82	240	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			31	77	120	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	31	77	240	ug/m3	69.5
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	15	41	120	ug/m3	187
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	17	41	120	ug/m3	34.7
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y	J	J	17	41	120	ug/m3	1390
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	34	82	240	ug/m3	3480
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	67	160	240	ug/m3	2430
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			20	77	120	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	34	82	240	ug/m3	3480
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			18	41	120	ug/m3	156
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	16	41	240	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	89	200	1300	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	53	150	240	ug/m3	NS
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	290	650	1200	ug/m3	1080000
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			17	41	130	ug/m3	40.7
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			18	41	120	ug/m3	120
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	21	77	120	ug/m3	520
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	16	77	120	ug/m3	348000
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	14	41	130	ug/m3	55.9
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	36	77	120	ug/m3	20900
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	38	130	240	ug/m3	24300

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	26	77	130	ug/m3	851
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	18	41	120	ug/m3	25.3
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	19	79	130	ug/m3	585
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y	J	J	19	77	120	ug/m3	24300
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	21	77	120	ug/m3	3480
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y			18	41	130	ug/m3	1040000
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	26	77	240	ug/m3	174000
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	17	41	120	ug/m3	69.5
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	31	74	120	ug/m3	27.5
KAFB-106139-250	SV139-250-212	5/19/2021	N	N	U	U	18	41	130	ug/m3	3480
KAFB-106139-250	SV139-250-212	5/19/2021	N	Y	J	J	18	41	120	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.36	0.81	2.5	ug/m3	374
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	34800
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	1.56
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.42	1.5	2.5	ug/m3	31.2
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.28	0.81	2.5	ug/m3	36
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.35	0.81	4.8	ug/m3	104000
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.37	0.81	2.5	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.31	0.81	2.5	ug/m3	174000
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.32	0.81	4.8	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.53	1.5	2.5	ug/m3	24300
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.72	1.6	4.8	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.62	1.5	2.5	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.62	1.5	4.8	ug/m3	69.5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.3	0.81	2.5	ug/m3	187
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.33	0.81	2.5	ug/m3	34.7
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.33	0.81	2.5	ug/m3	1390
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	1.3	3.1	4.8	ug/m3	2430
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.41	1.5	2.5	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.67	1.6	4.8	ug/m3	3480
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.35	0.81	2.4	ug/m3	156
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.32	0.81	4.8	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	1.8	4	25	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	1.1	3	4.8	ug/m3	NS
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			5.7	13	25	ug/m3	1080000
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.34	0.81	2.5	ug/m3	40.7
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.37	0.81	2.5	ug/m3	120
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.41	1.5	2.5	ug/m3	520
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.32	1.5	2.5	ug/m3	348000
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.27	0.81	2.5	ug/m3	55.9
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.72	1.5	2.5	ug/m3	20900
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.76	2.6	4.8	ug/m3	24300
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.53	1.5	2.5	ug/m3	851
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.37	0.81	2.5	ug/m3	25.3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.37	1.6	2.6	ug/m3	585
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y	J	J	0.39	1.5	2.4	ug/m3	24300
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.42	1.5	2.5	ug/m3	3480
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.36	0.81	2.5	ug/m3	1040000
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.53	1.5	4.8	ug/m3	174000
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	N	U	U	0.34	0.81	2.4	ug/m3	69.5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.62	1.5	2.5	ug/m3	27.5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.37	0.81	2.5	ug/m3	3480
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Y			0.35	0.81	2.5	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.29	0.66	2	ug/m3	374

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.33	1.2	2	ug/m3	34800
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.24	0.66	2	ug/m3	1.56
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.34	1.2	2	ug/m3	31.2
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.23	0.66	2	ug/m3	36
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.28	0.66	3.9	ug/m3	104000
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.3	0.66	2	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.25	0.66	2	ug/m3	174000
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.26	0.66	3.9	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.43	1.2	2	ug/m3	24300
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.58	1.3	3.9	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.5	1.2	2	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.5	1.2	3.9	ug/m3	69.5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.24	0.66	2	ug/m3	187
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.27	0.66	2	ug/m3	34.7
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.27	0.66	2	ug/m3	1390
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.54	1.3	3.9	ug/m3	3480
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	1.1	2.5	3.9	ug/m3	2430
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.33	1.2	2	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.54	1.3	3.9	ug/m3	3480
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.29	0.66	2	ug/m3	156
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.26	0.66	3.9	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	1.4	3.2	20	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.85	2.4	3.9	ug/m3	NS
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	4.6	10	20	ug/m3	1080000
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.27	0.66	2	ug/m3	40.7
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.3	0.66	2	ug/m3	120
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.33	1.2	2	ug/m3	520
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.26	1.2	2	ug/m3	348000
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.22	0.66	2	ug/m3	55.9
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.58	1.2	2	ug/m3	20900
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.62	2.1	3.9	ug/m3	24300
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.43	1.2	2	ug/m3	851
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.3	0.66	2	ug/m3	25.3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.3	1.3	2.1	ug/m3	585
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.31	1.2	2	ug/m3	24300
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.34	1.2	2	ug/m3	3480
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.29	0.66	2	ug/m3	1040000
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.43	1.2	3.9	ug/m3	174000
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	N	U	U	0.28	0.66	2	ug/m3	69.5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y	J	J	0.5	1.2	2	ug/m3	27.5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.3	0.66	2	ug/m3	3480
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Y			0.29	0.66	2	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			250	560	1700	ug/m3	374
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	280	1100	1700	ug/m3	34800
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y	J	J	200	560	1700	ug/m3	1.56
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	290	1100	1700	ug/m3	31.2
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	190	560	1700	ug/m3	36
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y	J	J	240	560	3300	ug/m3	104000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			250	560	1700	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			210	560	1700	ug/m3	174000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	220	560	3300	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			360	1100	1700	ug/m3	24300
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			500	1100	3300	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	430	1100	1700	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	430	1100	3300	ug/m3	69.5

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	detect_flag	interpreted_qualifiers	lab_qua	method_detection_lin	reporting_detection_lir	quantitation_lin	detection_limit_unit	Project Screening L
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	210	560	1700	ug/m3	187
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	230	560	1700	ug/m3	34.7
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	230	560	1700	ug/m3	1390
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			460	1100	3300	ug/m3	3480
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	920	2100	3300	ug/m3	2430
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			280	1100	1700	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			460	1100	3300	ug/m3	3480
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	240	560	1700	ug/m3	156
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	220	560	3300	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y	J	J	1200	2700	17000	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	730	2100	3300	ug/m3	NS
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			4000	8900	17000	ug/m3	1080000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	230	560	1700	ug/m3	40.7
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			250	560	1700	ug/m3	120
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	280	1100	1700	ug/m3	520
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	220	1100	1700	ug/m3	348000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	190	560	1700	ug/m3	55.9
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	500	1100	1700	ug/m3	20900
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	530	1800	3300	ug/m3	24300
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	360	1100	1700	ug/m3	851
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	250	560	1700	ug/m3	25.3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	260	1100	1800	ug/m3	585
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	270	1100	1700	ug/m3	24300
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	290	1100	1700	ug/m3	3480
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	250	560	1700	ug/m3	1040000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y	J	J	360	1100	3300	ug/m3	174000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	240	560	1700	ug/m3	69.5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	N	U	U	430	1000	1700	ug/m3	27.5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			250	560	1700	ug/m3	3480
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Y			240	560	1700	ug/m3	NS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	TRUE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106111-050	SV111-050-612	4/6/2021	FD	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	TRUE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106117-250	SV117-250-212	4/6/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106133-250	SV133-250-612	4/6/2021	FD	FALSE
KAFB-106133-250	SV133-250-612	4/6/2021	FD	FALSE
KAFB-106133-250	SV133-250-612	4/6/2021	FD	TRUE
KAFB-106133-250	SV133-250-612	4/6/2021	FD	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	TRUE
SVMW-03-250	SV03-250-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	TRUE
SVMW-03-300	SV03-300-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	TRUE
SVMW-04-050	SV04-050-212	4/5/2021	N	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	TRUE
SVMW-04-050	SV04-050-612	4/5/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	TRUE
SVMW-04-100	SV04-100-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	FALSE
SVMW-04-250	SV04-250-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	TRUE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-04-300	SV04-300-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	TRUE
SVMW-08-050	SV08-050-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	TRUE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-100	SV08-100-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	TRUE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-08-250	SV08-250-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	TRUE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-03-100	SV03-100-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-050	SV09-050-212	4/5/2021	N	FALSE
SVMW-09-050	SV09-050-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	TRUE
SVMW-09-100	SV09-100-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	TRUE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-250	SV09-250-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	TRUE
SVMW-09-266	SV09-266-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	TRUE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-150	SV028-150-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	TRUE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-250	SV028-250-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106028-350	SV028-350-212	4/5/2021	N	TRUE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-350	SV028-350-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	TRUE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106028-450	SV028-450-212	4/5/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	TRUE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-025	SV111-025-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	TRUE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-050	SV111-050-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	TRUE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-150	SV111-150-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	TRUE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-250	SV111-250-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	TRUE
KAFB-106111-350	SV111-350-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	TRUE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106111-450	SV111-450-212	4/6/2021	N	FALSE
KAFB-106114-025	SV114-025-212	4/6/2021	N	FALSE
KAFB-106114-025	SV114-025-212	4/6/2021	N	FALSE
KAFB-106114-025	SV114-025-212	4/6/2021	N	TRUE
KAFB-106114-025	SV114-025-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	TRUE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-050	SV114-050-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	TRUE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-150	SV114-150-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	TRUE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-212	4/6/2021	N	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	TRUE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-250	SV114-250-612	4/6/2021	FD	FALSE
KAFB-106114-350	SV114-350-212	4/6/2021	N	FALSE
KAFB-106114-350	SV114-350-212	4/6/2021	N	FALSE
KAFB-106114-350	SV114-350-212	4/6/2021	N	TRUE
KAFB-106114-350	SV114-350-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	TRUE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106114-450	SV114-450-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	TRUE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106116-025	SV116-025-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106116-050	SV116-050-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106116-150	SV116-150-212	4/6/2021	N	FALSE
KAFB-106116-150	SV116-150-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	TRUE
KAFB-106116-250	SV116-250-212	4/6/2021	N	TRUE
KAFB-106116-250	SV116-250-212	4/6/2021	N	TRUE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	TRUE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	TRUE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	TRUE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-250	SV116-250-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	TRUE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-212	4/6/2021	N	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	TRUE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-350	SV116-350-612	4/6/2021	FD	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	TRUE
KAFB-106116-450	SV116-450-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	TRUE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-025	SV117-025-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-050	SV117-050-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	TRUE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-150	SV117-150-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	TRUE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-350	SV117-350-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	TRUE
KAFB-106117-450	SV117-450-212	4/6/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	TRUE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-025	SV124-025-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	TRUE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-050	SV124-050-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	TRUE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-150	SV124-150-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	TRUE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-212	4/5/2021	N	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	TRUE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-250	SV124-250-612	4/5/2021	FD	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	TRUE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-350	SV124-350-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	TRUE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106124-450	SV124-450-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	TRUE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-025	SV125-025-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	TRUE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-050	SV125-050-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	TRUE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-150	SV125-150-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	TRUE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-250	SV125-250-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	TRUE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-350	SV125-350-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	TRUE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106125-450	SV125-450-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	TRUE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-025	SV127-025-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	TRUE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-050	SV127-050-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	TRUE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106127-150	SV127-150-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106127-250	SV127-250-212	4/5/2021	N	FALSE
KAFB-106127-250	SV127-250-212	4/5/2021	N	FALSE
KAFB-106127-250	SV127-250-612	4/5/2021	FD	FALSE
KAFB-106127-250	SV127-250-612	4/5/2021	FD	FALSE
KAFB-106127-250	SV127-250-612	4/5/2021	FD	TRUE
KAFB-106127-250	SV127-250-612	4/5/2021	FD	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-350	SV127-350-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	TRUE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106127-450	SV127-450-212	4/5/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	TRUE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-025	SV128-025-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	TRUE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-050	SV128-050-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-150	SV128-150-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	TRUE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-250	SV128-250-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	TRUE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-350	SV128-350-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	TRUE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106128-450	SV128-450-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	TRUE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-025	SV133-025-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	TRUE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-050	SV133-050-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	TRUE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-170	SV133-170-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	TRUE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-250	SV133-250-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	TRUE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-350	SV133-350-212	4/6/2021	N	FALSE
KAFB-106133-450	SV133-450-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106133-450	SV133-450-212	4/6/2021	N	FALSE
KAFB-106133-450	SV133-450-212	4/6/2021	N	TRUE
KAFB-106133-450	SV133-450-212	4/6/2021	N	TRUE
KAFB-106133-450	SV133-450-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-025	SV136-025-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	TRUE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-050	SV136-050-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	TRUE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-150	SV136-150-212	4/6/2021	N	FALSE
KAFB-106136-250	SV136-250-212	4/6/2021	N	FALSE
KAFB-106136-250	SV136-250-212	4/6/2021	N	FALSE
KAFB-106136-250	SV136-250-212	4/6/2021	N	TRUE
KAFB-106136-250	SV136-250-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-350	SV136-350-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	TRUE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106136-450	SV136-450-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	TRUE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-025	SV138-025-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	TRUE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106138-050	SV138-050-212	4/6/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	TRUE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-025	SV109-025-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	TRUE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-050	SV109-050-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	TRUE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-150	SV109-150-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	TRUE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-250	SV109-250-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	TRUE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-350	SV109-350-212	4/13/2021	N	FALSE
KAFB-106109-450	SV109-450-212	4/13/2021	N	FALSE
KAFB-106109-450	SV109-450-212	4/13/2021	N	FALSE
KAFB-106109-450	SV109-450-212	4/13/2021	N	TRUE
KAFB-106109-450	SV109-450-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106109-450	SV109-450-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106109-450	SV109-450-612	4/13/2021	FD	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	TRUE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106110-025	SV110-025-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106110-050	SV110-050-212	4/13/2021	N	FALSE
KAFB-106110-050	SV110-050-212	4/13/2021	N	FALSE
KAFB-106110-050	SV110-050-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	TRUE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-150	SV110-150-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-212	4/13/2021	N	TRUE
KAFB-106110-250	SV110-250-212	4/13/2021	N	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	TRUE
KAFB-106110-250	SV110-250-612	4/13/2021	FD	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	TRUE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-350	SV110-350-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	TRUE
KAFB-106110-450	SV110-450-212	4/13/2021	N	TRUE
KAFB-106110-450	SV110-450-212	4/13/2021	N	TRUE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	TRUE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	TRUE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	TRUE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106110-450	SV110-450-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106113-020	SV113-020-212	4/13/2021	N	TRUE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-020	SV113-020-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	TRUE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-050	SV113-050-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	TRUE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-150	SV113-150-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	TRUE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-250	SV113-250-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	TRUE
KAFB-106113-350	SV113-350-212	4/13/2021	N	TRUE
KAFB-106113-350	SV113-350-212	4/13/2021	N	TRUE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	TRUE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALSE
KAFB-106113-350	SV113-350-212	4/13/2021	N	TRUE
KAFB-106113-350	SV113-350-212	4/13/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	TRUE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106113-450	SV113-450-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	TRUE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-212	4/13/2021	N	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	TRUE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-025	SV115-025-612	4/13/2021	FD	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	TRUE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE
KAFB-106115-050	SV115-050-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	TRUE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106115-150	SV115-150-212	4/13/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	TRUE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-050	SV123-050-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	TRUE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106123-150	SV123-150-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-250	SV123-250-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	TRUE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-350	SV123-350-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	TRUE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106123-450	SV123-450-212	4/12/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	TRUE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-025	SV131-025-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	TRUE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106131-055	SV131-055-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106131-150	SV131-150-212	4/13/2021	N	FALSE
KAFB-106131-150	SV131-150-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	TRUE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-245	SV131-245-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	TRUE
KAFB-106131-350	SV131-350-212	4/13/2021	N	TRUE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106131-350	SV131-350-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	TRUE
KAFB-106131-450	SV131-450-212	4/13/2021	N	TRUE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	TRUE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	TRUE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	TRUE
KAFB-106131-450	SV131-450-212	4/13/2021	N	TRUE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106131-450	SV131-450-212	4/13/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	TRUE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-025	SV132-025-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	TRUE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-050	SV132-050-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	TRUE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-175	SV132-175-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	TRUE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-250	SV132-250-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	TRUE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-350	SV132-350-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	TRUE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106132-450	SV132-450-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	TRUE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-025	SV134-025-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	TRUE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-050	SV134-050-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	TRUE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-170	SV134-170-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	TRUE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-250	SV134-250-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	TRUE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-212	4/12/2021	N	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	TRUE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-350	SV134-350-612	4/12/2021	FD	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	TRUE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106134-450	SV134-450-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	TRUE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-025	SV135-025-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	TRUE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-050	SV135-050-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	TRUE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-150	SV135-150-212	4/12/2021	N	FALSE
KAFB-106135-250	SV135-250-212	4/12/2021	N	TRUE
KAFB-106135-250	SV135-250-212	4/12/2021	N	FALSE
KAFB-106135-250	SV135-250-212	4/12/2021	N	FALSE
KAFB-106135-250	SV135-250-212	4/12/2021	N	TRUE
KAFB-106135-250	SV135-250-212	4/12/2021	N	FALSE
KAFB-106135-250	SV135-250-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106135-250	SV135-250-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-250	SV135-250-612	4/12/2021	FD	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	TRUE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106135-350	SV135-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106135-450	SV135-450-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	TRUE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-025	SV137-025-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	TRUE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106137-050	SV137-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-150	SV137-150-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	TRUE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-250	SV137-250-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	TRUE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-350	SV137-350-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	TRUE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106137-450	SV137-450-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	TRUE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106139-025	SV139-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106139-050	SV139-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106139-050	SV139-050-612	4/12/2021	FD	FALSE
KAFB-106139-050	SV139-050-612	4/12/2021	FD	FALSE
KAFB-106139-150	SV139-150-212	4/12/2021	N	FALSE
KAFB-106139-150	SV139-150-212	4/12/2021	N	FALSE
KAFB-106139-150	SV139-150-212	4/12/2021	N	TRUE
KAFB-106139-150	SV139-150-212	4/12/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106139-350	SV139-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106139-450	SV139-450-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	TRUE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-025	SV140-025-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	TRUE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-050	SV140-050-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-150	SV140-150-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	TRUE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-250	SV140-250-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	TRUE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-350	SV140-350-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	TRUE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-212	4/12/2021	N	FALSE
KAFB-106140-450	SV140-450-612	4/12/2021	FD	FALSE
KAFB-106140-450	SV140-450-612	4/12/2021	FD	FALSE
KAFB-106140-450	SV140-450-612	4/12/2021	FD	TRUE
KAFB-106140-450	SV140-450-612	4/12/2021	FD	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-150	SV14-150-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	TRUE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-250	SV14-250-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	TRUE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-14-350	SV14-350-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	TRUE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVMW-14-450	SV14-450-612	4/13/2021	FD	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	TRUE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
SVEW-12-410	SVE12-410-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	TRUE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-250	SV115-250-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	TRUE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-350	SV115-350-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	TRUE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106115-450	SV115-450-212	4/13/2021	N	FALSE
KAFB-106120-025	SV120-025-212	4/12/2021	N	FALSE
KAFB-106120-025	SV120-025-212	4/12/2021	N	FALSE
KAFB-106120-025	SV120-025-212	4/12/2021	N	TRUE
KAFB-106120-025	SV120-025-212	4/12/2021	N	FALSE
KAFB-106120-025	SV120-025-212	4/12/2021	N	FALSE
KAFB-106120-025	SV120-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106120-025	SV120-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-025	SV120-025-612	4/12/2021	FD	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106120-050	SV120-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106120-150	SV120-150-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	TRUE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-250	SV120-250-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	TRUE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106120-350	SV120-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	TRUE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	TRUE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	TRUE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	TRUE
KAFB-106120-450	SV120-450-212	4/12/2021	N	TRUE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106120-450	SV120-450-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	TRUE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-025	SV121-025-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	TRUE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-050	SV121-050-212	4/12/2021	N	FALSE
KAFB-106121-145	SV121-145-212	4/12/2021	N	FALSE
KAFB-106121-145	SV121-145-212	4/12/2021	N	FALSE
KAFB-106121-145	SV121-145-212	4/12/2021	N	TRUE
KAFB-106121-145	SV121-145-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106121-145	SV121-145-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-145	SV121-145-612	4/12/2021	FD	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	TRUE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-250	SV121-250-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	TRUE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-350	SV121-350-212	4/12/2021	N	FALSE
KAFB-106121-450	SV121-450-212	4/12/2021	N	FALSE
KAFB-106121-450	SV121-450-212	4/12/2021	N	FALSE
KAFB-106121-450	SV121-450-212	4/12/2021	N	TRUE
KAFB-106121-450	SV121-450-212	4/12/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-025	SV122-025-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	TRUE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-050	SV122-050-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	TRUE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-150	SV122-150-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	TRUE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-250	SV122-250-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106122-350	SV122-350-212	4/12/2021	N	TRUE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-350	SV122-350-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	TRUE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106122-450	SV122-450-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	TRUE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106123-025	SV123-025-212	4/12/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	TRUE
KAFB-106V1-160	SV1-160-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	TRUE
KAFB-106V1-217	SV1-217-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	TRUE
KAFB-106V1-252	SV1-252-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	TRUE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V1-263	SV1-263-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	TRUE
KAFB-106V2-102	SV2-102-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	TRUE
KAFB-106V2-117	SV2-117-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	TRUE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-160	SV2-160-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	TRUE
KAFB-106V2-217	SV2-217-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	TRUE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-252	SV2-252-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	TRUE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
KAFB-106V2-270	SV2-270-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	TRUE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-01-260	SVE01-260-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	TRUE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-02-060	SVE02-060-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	TRUE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-03-160	SVE03-160-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	TRUE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-04-313	SVE04-313-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE
SVEW-05-460	SVE05-460-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-05-460	SVE05-460-212	4/20/2021	N	FALSE
SVEW-10-410	SVE10-410-212	4/19/2021	N	FALSE
SVEW-10-410	SVE10-410-212	4/19/2021	N	FALSE
SVEW-10-410	SVE10-410-212	4/19/2021	N	TRUE
SVEW-10-410	SVE10-410-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-10-410	SVE10-410-612	4/19/2021	FD	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	TRUE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-212	4/20/2021	N	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	TRUE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-11-410	SVE11-410-612	4/20/2021	FD	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	TRUE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVEW-13-410	SVE13-410-212	4/19/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	TRUE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
SVMW-03-050	SV03-050-212	4/5/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	TRUE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106138-150	SV138-150-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-150	SV138-150-612	4/6/2021	FD	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	TRUE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-250	SV138-250-212	4/6/2021	N	FALSE
KAFB-106138-350	SV138-350-212	4/6/2021	N	FALSE
KAFB-106138-350	SV138-350-212	4/6/2021	N	FALSE
KAFB-106138-350	SV138-350-212	4/6/2021	N	TRUE
KAFB-106138-350	SV138-350-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106138-450	SV138-450-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	TRUE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-025	SV141-025-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	TRUE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-050	SV141-050-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	TRUE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-170	SV141-170-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	TRUE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-250	SV141-250-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	TRUE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-350	SV141-350-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	TRUE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106141-450	SV141-450-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	TRUE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-030	SV142-030-212	4/6/2021	N	FALSE
KAFB-106142-050	SV142-050-212	4/6/2021	N	FALSE
KAFB-106142-050	SV142-050-212	4/6/2021	N	FALSE
KAFB-106142-050	SV142-050-212	4/6/2021	N	TRUE
KAFB-106142-050	SV142-050-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106142-170	SV142-170-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-170	SV142-170-612	4/6/2021	FD	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	TRUE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-250	SV142-250-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	TRUE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106142-350	SV142-350-212	4/6/2021	N	FALSE
KAFB-106142-450	SV142-450-212	4/6/2021	N	FALSE
KAFB-106142-450	SV142-450-212	4/6/2021	N	FALSE
KAFB-106142-450	SV142-450-212	4/6/2021	N	FALSE
KAFB-106142-450	SV142-450-212	4/6/2021	N	TRUE
KAFB-106142-450	SV142-450-212	4/6/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	TRUE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-212	4/5/2021	N	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	TRUE
SVEW-06-060	SVE06-060-612	4/5/2021	FD	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	TRUE
SVEW-07-160	SVE07-160-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	TRUE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-08-260	SVE08-260-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	TRUE
SVEW-09-460	SVE09-460-212	4/5/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	TRUE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-10-250	SV10-250-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	TRUE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-050	SV11-050-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-11-100	SV11-100-212	4/20/2021	N	TRUE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-100	SV11-100-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	TRUE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-250	SV11-250-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	TRUE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-11-260	SV11-260-212	4/20/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	TRUE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-12-150	SV12-150-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-250	SV12-250-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	TRUE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-350	SV12-350-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-12-450	SV12-450-212	4/19/2021	N	TRUE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-12-450	SV12-450-212	4/19/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	TRUE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-150	SV13-150-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	TRUE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-250	SV13-250-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	TRUE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-350	SV13-350-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	TRUE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-13-450	SV13-450-212	4/20/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	TRUE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-150	SV15-150-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	TRUE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-250	SV15-250-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	TRUE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-350	SV15-350-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	TRUE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE
SVMW-15-450	SV15-450-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-01-050	SV01-050-212	4/19/2021	N	FALSE
SVMW-01-050	SV01-050-212	4/19/2021	N	FALSE
SVMW-01-050	SV01-050-212	4/19/2021	N	TRUE
SVMW-01-050	SV01-050-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	FALSE
SVMW-01-100	SV01-100-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	TRUE
SVMW-01-250	SV01-250-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	TRUE
SVMW-01-300	SV01-300-212	4/19/2021	N	TRUE
SVMW-01-300	SV01-300-212	4/19/2021	N	TRUE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	TRUE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	TRUE
SVMW-01-300	SV01-300-212	4/19/2021	N	TRUE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-01-300	SV01-300-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	TRUE
SVMW-02-050	SV02-050-212	4/19/2021	N	TRUE
SVMW-02-050	SV02-050-212	4/19/2021	N	TRUE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	TRUE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALSE
SVMW-02-050	SV02-050-212	4/19/2021	N	TRUE
SVMW-02-050	SV02-050-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	TRUE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-100	SV02-100-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	TRUE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-212	4/19/2021	N	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	TRUE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-02-150	SV02-150-612	4/19/2021	FD	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	TRUE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-212	4/19/2021	N	FALSE
SVMW-05-050	SV05-050-612	4/19/2021	FD	FALSE
SVMW-05-050	SV05-050-612	4/19/2021	FD	FALSE
SVMW-05-050	SV05-050-612	4/19/2021	FD	TRUE
SVMW-05-050	SV05-050-612	4/19/2021	FD	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-100	SV05-100-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	TRUE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-230	SV05-230-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	TRUE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	TRUE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-05-290	SV05-290-212	4/19/2021	N	FALSE
SVMW-06-050	SV06-050-212	4/19/2021	N	FALSE
SVMW-06-050	SV06-050-212	4/19/2021	N	FALSE
SVMW-06-050	SV06-050-212	4/19/2021	N	TRUE
SVMW-06-050	SV06-050-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-06-100	SV06-100-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-100	SV06-100-612	4/19/2021	FD	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	TRUE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-252	SV06-252-212	4/19/2021	N	FALSE
SVMW-06-302	SV06-302-212	4/19/2021	N	FALSE
SVMW-06-302	SV06-302-212	4/19/2021	N	FALSE
SVMW-06-302	SV06-302-212	4/19/2021	N	TRUE
SVMW-06-302	SV06-302-212	4/19/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-06-302	SV06-302-212	4/19/2021	N	FALSE
SVMW-06-302	SV06-302-212	4/19/2021	N	FALSE
SVMW-06-302	SV06-302-212	4/19/2021	N	FALSE
SVMW-06-302	SV06-302-212	4/19/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALSE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	TRUE
SVMW-07-050	SV07-050-212	4/21/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	TRUE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-100	SV07-100-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	TRUE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-07-150	SV07-150-212	4/21/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	TRUE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-050	SV10-050-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	TRUE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-100	SV10-100-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	TRUE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
SVMW-10-150	SV10-150-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	TRUE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V3-007	SV3-007-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	TRUE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-015	SV3-015-212	4/20/2021	N	FALSE
KAFB-106V3-272	SV3-272-212	4/20/2021	N	FALSE
KAFB-106V3-272	SV3-272-212	4/20/2021	N	FALSE
KAFB-106V3-272	SV3-272-212	4/20/2021	N	TRUE
KAFB-106V3-272	SV3-272-212	4/20/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	TRUE
KAFB-106V1-102	SV1-102-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	TRUE
KAFB-106V1-113	SV1-113-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	TRUE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-250	SV119-250-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	TRUE
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106119-350	SV119-350-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	TRUE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106119-450	SV119-450-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	TRUE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-025	SV126-025-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	TRUE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-050	SV126-050-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	TRUE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-150	SV126-150-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	TRUE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-250	SV126-250-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	TRUE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-350	SV126-350-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	TRUE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106126-450	SV126-450-212	4/20/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	TRUE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-025	SV129-025-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	TRUE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-050	SV129-050-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	TRUE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-150	SV129-150-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	TRUE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-250	SV129-250-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	TRUE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-350	SV129-350-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	TRUE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106129-450	SV129-450-212	4/19/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	TRUE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-025	SV130-025-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106130-050	SV130-050-212	4/20/2021	N	TRUE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-050	SV130-050-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	TRUE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-150	SV130-150-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	TRUE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-250	SV130-250-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	TRUE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-350	SV130-350-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	TRUE
KAFB-106130-450	SV130-450-212	4/20/2021	N	TRUE
KAFB-106130-450	SV130-450-212	4/20/2021	N	TRUE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	TRUE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALSE
KAFB-106130-450	SV130-450-212	4/20/2021	N	TRUE
KAFB-106130-450	SV130-450-212	4/20/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	TRUE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	TRUE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	TRUE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	TRUE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106130-450	SV130-450-612	4/20/2021	FD	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	TRUE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-025	SV108-025-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	TRUE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-050	SV108-050-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	TRUE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE
KAFB-106108-150	SV108-150-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	TRUE
KAFB-106108-250	SV108-250-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	TRUE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-212	4/19/2021	N	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	TRUE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-350	SV108-350-612	4/19/2021	FD	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	TRUE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106108-450	SV108-450-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	TRUE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-025	SV112-025-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	TRUE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-050	SV112-050-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	TRUE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106112-150	SV112-150-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106112-250	SV112-250-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106112-350	SV112-350-212	4/19/2021	N	FALSE
KAFB-106112-350	SV112-350-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	TRUE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-212	4/19/2021	N	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	TRUE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106112-450	SV112-450-612	4/19/2021	FD	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	TRUE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-025	SV118-025-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	TRUE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-050	SV118-050-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	TRUE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-160	SV118-160-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	TRUE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-265	SV118-265-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	TRUE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106118-350	SV118-350-212	4/19/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	TRUE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-212	4/19/2021	N	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	TRUE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106118-450	SV118-450-612	4/19/2021	FD	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	TRUE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-025	SV119-025-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	TRUE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-050	SV119-050-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	TRUE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106119-150	SV119-150-212	4/20/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	TRUE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106139-250	SV139-250-212	5/19/2021	N	FALSE
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	FALSE
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	FALSE
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	TRUE
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	FALS

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	TRUE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE

Table C-3-1
Q2 2021 Soil Vapor Analytical Data

well_location	sample_name	sample_date	sample_type_code	LOQ/PQL Exceeds the PSL
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	TRUE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	FALSE

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	110-54-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	110-82-7
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	115-07-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	120-82-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	123-91-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	124-48-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	127-18-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	1330-20-7
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	141-78-6
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	142-82-5
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	179601-23-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	56-23-5
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	591-78-6
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	64-17-5
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	67-63-0
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	67-64-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	67-66-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	71-43-2
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	74-87-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-00-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-01-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-09-2
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-15-0
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-25-2
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-27-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-34-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-69-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-71-8
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	76-13-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	78-93-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	79-01-6
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	91-20-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	95-47-6
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	95-63-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	20400	110-54-3
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	20400	142-82-5
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	100-41-4
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	100-42-5
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	106-93-4
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	106-99-0
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	107-06-2
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	108-10-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	108-67-8
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	108-88-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	109-99-9
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	110-54-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	110-82-7
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	115-07-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	120-82-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	123-91-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	124-48-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	127-18-4
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	1330-20-7
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	141-78-6
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	179601-23-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	56-23-5
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	591-78-6
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	64-17-5
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	67-63-0
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	67-64-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	67-66-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	71-43-2
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	74-87-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-00-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-01-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	100-41-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	100-42-5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	106-93-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	106-99-0
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	107-06-2
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	108-10-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	108-67-8
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	108-88-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	109-99-9
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	110-54-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	110-82-7
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	115-07-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	120-82-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	123-91-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	124-48-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	127-18-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	1330-20-7
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	141-78-6
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	142-82-5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	179601-23-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	56-23-5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	591-78-6
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	64-17-5
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	67-63-0
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	67-64-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	67-66-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	71-43-2
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	74-87-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-00-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-01-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-09-2
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-15-0
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-25-2
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-27-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-34-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-69-4
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	75-71-8
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	76-13-1
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	78-93-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	79-01-6
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	91-20-3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	95-47-6
KAFB-106111-050	SV111-050-612	4/6/2021	FD	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	530	95-63-6
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	100-42-5
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	106-93-4
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	106-99-0
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	107-06-2
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	108-10-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	108-67-8
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	108-88-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	109-99-9
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	110-54-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	110-82-7
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	115-07-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	120-82-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	123-91-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	124-48-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	127-18-4
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	1330-20-7
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	141-78-6
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	142-82-5
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	179601-23-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	56-23-5
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	591-78-6
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	64-17-5
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	67-63-0
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	67-64-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	67-66-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	71-43-2
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	74-87-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-00-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-01-4
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-09-2
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-15-0
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-25-2
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-27-4
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-34-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-69-4
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	75-71-8
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	76-13-1
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	78-93-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	79-01-6
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	91-20-3
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	95-47-6
KAFB-106117-250	SV117-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3270	95-63-6
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	71-43-2
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	74-87-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-00-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-01-4
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-09-2
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-15-0
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-25-2
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-27-4
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-34-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-69-4
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	75-71-8
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	76-13-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	78-93-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	79-01-6
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	91-20-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	95-47-6
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	95-63-6
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	51	67-66-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	100-41-4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	100-42-5
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	106-93-4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	106-99-0
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	107-06-2
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	108-10-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	108-67-8
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	108-88-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	109-99-9
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	110-54-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	110-82-7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	115-07-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	120-82-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	123-91-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	124-48-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	127-18-4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	1330-20-7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	141-78-6
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	142-82-5
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	179601-23-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	56-23-5
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	591-78-6
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	64-17-5
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	67-63-0
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	67-64-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	67-66-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	71-43-2
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	74-87-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-00-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-01-4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-09-2
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-15-0
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-25-2
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-27-4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-34-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-69-4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	75-71-8
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	76-13-1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	78-93-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	91-20-3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	95-47-6
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.68	95-63-6
KAFB-106133-250	SV133-250-612	4/6/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	59.5	79-01-6
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	100-41-4
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	100-42-5
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	106-93-4
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	106-99-0
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	107-06-2
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	108-10-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	108-88-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	109-99-9
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	110-54-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	110-82-7
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	115-07-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	120-82-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	123-91-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	124-48-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	127-18-4
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	1330-20-7
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	141-78-6
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	142-82-5
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	179601-23-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	56-23-5
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	591-78-6
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	64-17-5
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	67-63-0
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	67-64-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	67-66-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	71-43-2
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	74-87-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-00-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-01-4
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-09-2
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-15-0
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-25-2
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-27-4
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-34-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-69-4
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	75-71-8
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	76-13-1
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	78-93-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	79-01-6
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	91-20-3
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	95-47-6
SVMW-03-250	SV03-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	95-63-6
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	100-41-4
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	100-42-5
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	106-93-4
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	106-99-0
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	107-06-2
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	108-10-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	108-67-8
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	108-88-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	109-99-9
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	110-54-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	110-82-7
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	115-07-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	120-82-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	123-91-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	124-48-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	127-18-4
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	1330-20-7
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	141-78-6
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	179601-23-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	56-23-5
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	591-78-6
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	64-17-5
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	67-63-0
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	67-64-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	67-66-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	71-43-2
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	74-87-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-00-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-01-4
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-09-2
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-15-0
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-25-2
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-27-4
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-34-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-69-4
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	75-71-8
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	76-13-1
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	78-93-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	79-01-6
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	91-20-3
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	95-47-6
SVMW-03-300	SV03-300-212	4/5/2021	N	300 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	22200	95-63-6
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	100-41-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	100-42-5
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	106-93-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	106-99-0
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	106-93-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	106-99-0
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	107-06-2
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	108-10-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	108-67-8
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	108-88-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	109-99-9
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	110-54-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	110-82-7
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	115-07-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	120-82-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	123-91-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	124-48-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	127-18-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	1330-20-7
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	141-78-6
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	142-82-5
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	179601-23-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	56-23-5
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	591-78-6
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	64-17-5
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	67-63-0
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	67-64-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	67-66-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	71-43-2
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	74-87-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-00-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-01-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-09-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-15-0
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-25-2
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-27-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-34-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-69-4
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	75-71-8
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	76-13-1
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	78-93-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	79-01-6
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	91-20-3
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	95-47-6
SVMW-04-050	SV04-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21500	95-63-6
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	100-41-4
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	100-42-5
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	106-93-4
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	106-99-0
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	107-06-2
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	108-10-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	108-67-8
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	108-88-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	109-99-9
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	110-54-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	110-82-7
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	115-07-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	120-82-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	123-91-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	124-48-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	127-18-4
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	1330-20-7
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	141-78-6
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	142-82-5
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	179601-23-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	56-23-5
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	591-78-6
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	64-17-5
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	67-63-0
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	67-64-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	67-66-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	71-43-2
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	74-87-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-00-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-01-4
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-09-2
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-15-0
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-25-2
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-27-4
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-34-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-69-4
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	75-71-8
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	76-13-1
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	78-93-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	79-01-6
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	91-20-3
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	95-47-6
SVMW-04-050	SV04-050-612	4/5/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	21000	95-63-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	100-41-4
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	100-42-5
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	106-93-4
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	106-99-0
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	107-06-2
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	108-10-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	108-67-8
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	108-88-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	109-99-9
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	110-54-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	110-82-7
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	115-07-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	120-82-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	123-91-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	124-48-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	127-18-4
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	1330-20-7
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	141-78-6
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	142-82-5
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	179601-23-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	56-23-5
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	591-78-6
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	64-17-5
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	67-63-0
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	67-64-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	67-66-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	71-43-2
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	74-87-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-00-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-01-4
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-09-2
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-15-0
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-25-2
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-27-4
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-34-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-69-4
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	75-71-8
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	76-13-1
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	78-93-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	79-01-6
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	91-20-3
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	95-47-6
SVMW-04-100	SV04-100-212	4/5/2021	N	98 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	47200	95-63-6
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	100-41-4
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	100-42-5
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	106-93-4
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	106-99-0
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	107-06-2
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	108-10-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	108-67-8
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	108-88-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	109-99-9
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	110-54-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	110-82-7
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	115-07-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	120-82-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	123-91-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	124-48-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	127-18-4
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	1330-20-7
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	141-78-6
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	142-82-5
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	179601-23-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	56-23-5
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	591-78-6
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	64-17-5
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	67-63-0
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	67-64-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	67-66-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	71-43-2
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	74-87-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-00-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-01-4
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-09-2
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-15-0
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-25-2
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-27-4
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-34-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-69-4
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	75-71-8
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	76-13-1
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	78-93-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	79-01-6
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	91-20-3
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	95-47-6
SVMW-04-250	SV04-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	30400	95-63-6
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	100-41-4
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	100-42-5
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	106-93-4
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	106-99-0
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	107-06-2
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	108-10-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	108-67-8
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	108-88-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	109-99-9
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	110-54-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	110-82-7
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	115-07-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	120-82-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	123-91-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	124-48-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	127-18-4
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	1330-20-7
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	141-78-6
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	142-82-5
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	179601-23-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	56-23-5
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	591-78-6
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	64-17-5
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	67-63-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	67-64-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	67-66-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	71-43-2
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	74-87-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-00-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-01-4
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-09-2
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-15-0
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-25-2
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-27-4
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-34-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-69-4
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	75-71-8
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	76-13-1
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	78-93-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	79-01-6
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	91-20-3
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	95-47-6
SVMW-04-300	SV04-300-212	4/5/2021	N	297.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	2610	95-63-6
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	100-41-4
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	100-42-5
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	106-93-4
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	106-99-0
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	107-06-2
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	108-10-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	108-67-8
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	108-88-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	109-99-9
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	110-54-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	110-82-7
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	115-07-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	120-82-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	123-91-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	124-48-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	127-18-4
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	1330-20-7
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	141-78-6
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	142-82-5
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	179601-23-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	56-23-5
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	591-78-6
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	64-17-5
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	67-63-0
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	67-64-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	67-66-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	71-43-2
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	74-87-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-00-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-01-4
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-09-2
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-15-0
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-25-2
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-27-4
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-34-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	75-71-8
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	76-13-1
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	78-93-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	79-01-6
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	91-20-3
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	95-47-6
SVMW-08-050	SV08-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	7300	95-63-6
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	100-41-4
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	100-42-5
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	106-93-4
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	106-99-0
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	107-06-2
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	108-10-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	108-67-8
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	108-88-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	109-99-9
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	110-54-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	110-82-7
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	115-07-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	120-82-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	123-91-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	124-48-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	127-18-4
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	1330-20-7
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	141-78-6
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	142-82-5
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	179601-23-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	56-23-5
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	591-78-6
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	64-17-5
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	67-63-0
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	67-64-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	67-66-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	71-43-2
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	74-87-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-00-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-01-4
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-09-2
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-15-0
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-25-2
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-27-4
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-34-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-69-4
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	75-71-8
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	76-13-1
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	78-93-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	79-01-6
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	91-20-3
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	95-47-6
SVMW-08-100	SV08-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	5.68	95-63-6
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	100-41-4
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	100-42-5
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	106-93-4
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	106-99-0
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	108-10-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	108-67-8
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	109-99-9
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	110-54-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	110-82-7
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	115-07-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	120-82-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	123-91-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	124-48-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	127-18-4
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	1330-20-7
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	141-78-6
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	142-82-5
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	179601-23-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	56-23-5
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	591-78-6
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	64-17-5
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	67-63-0
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	67-64-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	67-66-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	71-43-2
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	74-87-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-00-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-01-4
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-09-2
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-15-0
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-25-2
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-27-4
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-34-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-69-4
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	75-71-8
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	76-13-1
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	78-93-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	79-01-6
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	91-20-3
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	95-47-6
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	95-63-6
SVMW-08-250	SV08-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	23100	108-88-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	100-41-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	100-41-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	100-42-5
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	106-93-4
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	106-99-0
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	107-06-2
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	108-10-1
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	108-67-8
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	108-88-3
SVMW-03-100	SV03-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	9240	109-99-9
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	100-42-5
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	106-93-4
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	106-99-0
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	107-06-2
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	108-10-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	108-67-8
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	109-99-9
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	110-54-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	110-82-7
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	115-07-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	120-82-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	123-91-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	124-48-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	127-18-4
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	1330-20-7
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	141-78-6
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	142-82-5
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	179601-23-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	56-23-5
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	591-78-6
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	64-17-5
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	67-63-0
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	67-64-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	67-66-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	71-43-2
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	74-87-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-00-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-01-4
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-09-2
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-15-0
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-25-2
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-27-4
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-34-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-69-4
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	75-71-8
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	76-13-1
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	78-93-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	79-01-6
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	91-20-3
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	95-47-6
SVMW-09-050	SV09-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	1870	95-63-6
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	49400	110-54-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	100-41-4
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	100-42-5
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	106-93-4
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	106-99-0
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	107-06-2
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	108-10-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	108-67-8
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	108-88-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	109-99-9
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	110-82-7
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	115-07-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	120-82-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	123-91-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	124-48-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	127-18-4
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	1330-20-7
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	141-78-6
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	142-82-5
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	56-23-5
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	591-78-6
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	64-17-5
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	67-63-0
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	67-64-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	67-66-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	71-43-2
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	74-87-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-00-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-01-4
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-09-2
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-15-0
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-25-2
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-27-4
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-34-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-69-4
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	75-71-8
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	76-13-1
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	78-93-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	79-01-6
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	91-20-3
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	95-47-6
SVMW-09-100	SV09-100-212	4/5/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	24700	95-63-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	100-41-4
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	100-42-5
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	106-93-4
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	106-99-0
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	107-06-2
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	108-10-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	108-67-8
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	109-99-9
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	110-82-7
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	115-07-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	120-82-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	123-91-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	124-48-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	127-18-4
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	1330-20-7
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	141-78-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	179601-23-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	56-23-5
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	591-78-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	64-17-5
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	67-63-0
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	67-64-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	67-66-3
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	71-43-2
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	74-87-3
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-00-3
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-01-4
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-09-2
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-15-0
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-25-2
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-27-4
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-34-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-69-4
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	75-71-8
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	76-13-1
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	78-93-3
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	79-01-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	91-20-3
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	95-47-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	8160	95-63-6
SVMW-09-250	SV09-250-212	4/5/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	20400	108-88-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-09-2
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-15-0
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-25-2
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-27-4
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-34-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-69-4
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	75-71-8
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	76-13-1
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	78-93-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	79-01-6
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	91-20-3
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	95-47-6
SVMW-09-266	SV09-266-212	4/5/2021	N	266 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101897	33600	95-63-6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	100-41-4
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	100-42-5
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	106-93-4
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	106-99-0
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	107-06-2
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-10-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	107-06-2
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-10-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-67-8
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-88-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	109-99-9
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	110-54-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	110-82-7
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	115-07-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	120-82-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	123-91-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	124-48-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	127-18-4
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	1330-20-7
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	141-78-6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	142-82-5
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	179601-23-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	56-23-5
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	591-78-6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	64-17-5
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-63-0
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-64-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-66-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	71-43-2
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	74-87-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-00-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-01-4
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-09-2
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-15-0
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-25-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-27-4
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-34-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-69-4
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-71-8
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	76-13-1
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	78-93-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	79-01-6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	91-20-3
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	95-47-6
KAFB-106028-150	SV028-150-212	4/5/2021	N	148.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	95-63-6
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106028-250	SV028-250-212	4/5/2021	N	248.78 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106028-350	SV028-350-212	4/5/2021	N	348.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	100-41-4
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	100-42-5
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	106-93-4
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	106-99-0
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	107-06-2
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-10-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-67-8
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-88-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	109-99-9
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	110-54-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	110-82-7
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	115-07-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	120-82-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	123-91-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	124-48-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	127-18-4
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	1330-20-7
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	141-78-6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	142-82-5
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	179601-23-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	56-23-5
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	591-78-6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	64-17-5
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-63-0
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-64-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-66-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	71-43-2
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	74-87-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-00-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-01-4
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-09-2
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-15-0
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-25-2
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-27-4
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-34-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-69-4
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-71-8
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	76-13-1
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	78-93-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	79-01-6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	91-20-3
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	95-47-6
KAFB-106028-450	SV028-450-212	4/5/2021	N	448.75 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	95-63-6
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	100-41-4
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	100-42-5
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	106-93-4
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	106-99-0
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	107-06-2
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	108-10-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	108-67-8
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	108-88-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	109-99-9
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	110-54-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	110-82-7
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	115-07-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	120-82-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	123-91-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	124-48-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	127-18-4
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	1330-20-7
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	141-78-6
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	142-82-5
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	179601-23-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	56-23-5
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	591-78-6
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	64-17-5
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	67-63-0
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	67-64-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	67-66-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	71-43-2
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	74-87-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-00-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-01-4
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-09-2
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-15-0
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-25-2
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-27-4
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-34-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-69-4
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	75-71-8
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	76-13-1
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	78-93-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	79-01-6
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	91-20-3
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	95-47-6
KAFB-106111-025	SV111-025-212	4/6/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	141	95-63-6
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	100-41-4
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	100-42-5
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	106-93-4
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	106-99-0
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	107-06-2
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	108-10-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	108-67-8
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	108-88-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	109-99-9
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	110-54-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	110-82-7
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	110-54-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	110-82-7
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	115-07-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	120-82-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	123-91-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	124-48-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	127-18-4
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	1330-20-7
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	141-78-6
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	142-82-5
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	179601-23-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	56-23-5
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	591-78-6
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	64-17-5
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	67-63-0
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	67-64-1
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	67-66-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	71-43-2
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	74-87-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-00-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-01-4
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-09-2
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-15-0
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-25-2
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-27-4
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-34-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-69-4
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	75-71-8
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	78-93-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	79-01-6
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	91-20-3
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	95-47-6
KAFB-106111-050	SV111-050-212	4/6/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	551	95-63-6
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	100-41-4
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	100-42-5
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	106-93-4
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	106-99-0
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	107-06-2
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	108-10-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	108-67-8
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	108-88-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	109-99-9
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	110-54-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	110-82-7
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	115-07-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	120-82-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	123-91-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	124-48-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	127-18-4
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	1330-20-7
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	141-78-6
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	142-82-5
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	179601-23-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	56-23-5
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	591-78-6
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	64-17-5
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	67-63-0
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	67-64-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	67-66-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	71-43-2
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	74-87-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-00-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-01-4
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-09-2
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-15-0
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-25-2
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-27-4
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-34-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-69-4
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	75-71-8
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	76-13-1
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	78-93-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	79-01-6
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	91-20-3
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	95-47-6
KAFB-106111-150	SV111-150-212	4/6/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	633	95-63-6
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	100-41-4
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	100-42-5
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	106-93-4
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	106-99-0
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	107-06-2
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	108-10-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	108-88-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	109-99-9
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	110-54-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	110-82-7
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	115-07-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	120-82-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	123-91-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	124-48-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	127-18-4
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	1330-20-7
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	141-78-6
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	142-82-5
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	179601-23-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	56-23-5
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	591-78-6
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	64-17-5
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	67-63-0
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	67-64-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	67-66-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	71-43-2
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	74-87-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-00-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-01-4
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-09-2
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-15-0
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-25-2
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-27-4
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-34-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-69-4
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	75-71-8
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	76-13-1
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	78-93-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	79-01-6
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	91-20-3
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	95-47-6
KAFB-106111-250	SV111-250-212	4/6/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	1740	95-63-6
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	100-41-4
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	100-42-5
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	106-93-4
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	106-99-0
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	107-06-2
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	108-10-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	108-67-8
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	108-88-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	109-99-9
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	110-54-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	110-82-7
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	115-07-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	120-82-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	123-91-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	124-48-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	127-18-4
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	1330-20-7
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	141-78-6
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	179601-23-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	56-23-5
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	591-78-6
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	64-17-5
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	67-63-0
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	67-64-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	67-66-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	71-43-2
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	74-87-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-00-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-01-4
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-09-2
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-15-0
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-25-2
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-27-4
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-34-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-69-4
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	75-71-8
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	76-13-1
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	78-93-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	79-01-6
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	91-20-3
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	95-47-6
KAFB-106111-350	SV111-350-212	4/6/2021	N	340.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	7370	95-63-6
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	100-41-4
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	100-42-5
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	106-93-4
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	106-99-0
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	106-99-0
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	107-06-2
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	108-10-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	108-67-8
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	108-88-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	109-99-9
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	110-54-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	110-82-7
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	115-07-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	120-82-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	123-91-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	124-48-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	127-18-4
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	1330-20-7
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	141-78-6
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	142-82-5
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	179601-23-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	56-23-5
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	591-78-6
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	64-17-5
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	67-63-0
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	67-64-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	67-66-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	71-43-2
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	74-87-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-00-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-01-4
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-09-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-15-0
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-25-2
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-27-4
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-34-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-69-4
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	75-71-8
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	76-13-1
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	78-93-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	79-01-6
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	91-20-3
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	95-47-6
KAFB-106111-450	SV111-450-212	4/6/2021	N	440.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	503	95-63-6
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106114-025	SV114-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106114-050	SV114-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106114-150	SV114-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106114-250	SV114-250-212	4/6/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106114-250	SV114-250-612	4/6/2021	FD	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	100-41-4
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	100-42-5
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	106-93-4
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	106-99-0
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	107-06-2
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	108-10-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	108-67-8
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	108-88-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	109-99-9
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	110-54-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	110-82-7
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	115-07-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	120-82-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	123-91-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	124-48-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	127-18-4
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	1330-20-7
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	141-78-6
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	142-82-5
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	179601-23-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	56-23-5
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	591-78-6
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	64-17-5
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	67-63-0
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	67-64-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	67-66-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	71-43-2
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	74-87-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-00-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-01-4
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-09-2
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-15-0
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-25-2
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-27-4
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-34-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-69-4
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	75-71-8
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	76-13-1
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	78-93-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	79-01-6
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	91-20-3
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	95-47-6
KAFB-106114-350	SV114-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	51	95-63-6
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	12000	142-82-5
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	100-41-4
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	100-42-5
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	106-93-4
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	106-99-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	107-06-2
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	108-10-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	108-67-8
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	108-88-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	109-99-9
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	110-54-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	110-82-7
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	115-07-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	120-82-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	123-91-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	124-48-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	127-18-4
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	1330-20-7
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	141-78-6
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	179601-23-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	56-23-5
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	591-78-6
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	64-17-5
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	67-63-0
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	67-64-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	67-66-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	71-43-2
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	74-87-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-00-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-01-4
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-09-2
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-15-0
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-25-2
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-27-4
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-34-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-69-4
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	75-71-8
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	76-13-1
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	78-93-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	79-01-6
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	91-20-3
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	95-47-6
KAFB-106114-450	SV114-450-212	4/6/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	3600	95-63-6
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106116-025	SV116-025-212	4/6/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-41-4
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	100-42-5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-93-4
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	106-99-0
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	107-06-2
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-10-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-67-8
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	108-88-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	109-99-9
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-54-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	110-82-7
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	115-07-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	120-82-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	123-91-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	124-48-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	127-18-4
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	1330-20-7
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	141-78-6
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	142-82-5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	179601-23-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	56-23-5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	591-78-6
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	64-17-5
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-63-0
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-64-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	67-66-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	71-43-2
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	74-87-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-00-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-01-4
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-09-2
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-15-0
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-25-2
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-27-4
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-34-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-69-4
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	75-71-8
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	76-13-1
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	78-93-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	79-01-6
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	91-20-3
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-47-6
KAFB-106116-050	SV116-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	5	95-63-6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	100-41-4
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	100-42-5
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	106-93-4
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	106-99-0
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	107-06-2
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-10-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-67-8
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	108-88-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	109-99-9
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	110-54-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	110-82-7
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	115-07-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	120-82-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	123-91-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	123-91-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	124-48-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	127-18-4
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	1330-20-7
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	141-78-6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	142-82-5
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	179601-23-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	56-23-5
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	591-78-6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	64-17-5
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-63-0
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-64-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	67-66-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	71-43-2
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	74-87-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-00-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-01-4
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-09-2
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-15-0
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-25-2
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-27-4
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-34-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-69-4
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	75-71-8
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	76-13-1
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	78-93-3
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	79-01-6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	95-47-6
KAFB-106116-150	SV116-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	6	95-63-6
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	100-41-4
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	100-42-5
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	106-93-4
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	106-99-0
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	107-06-2
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	108-10-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	108-67-8
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	108-88-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	109-99-9
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	110-54-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	110-82-7
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	115-07-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	120-82-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	123-91-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	124-48-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	127-18-4
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	1330-20-7
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	141-78-6
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	142-82-5
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	179601-23-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	56-23-5
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	591-78-6
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	64-17-5
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	67-63-0
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	67-64-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	67-66-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	71-43-2
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	74-87-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-00-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-01-4
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-09-2
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-15-0
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-25-2
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-27-4
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-34-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-69-4
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	75-71-8
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	76-13-1
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	78-93-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	79-01-6
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	91-20-3
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	95-47-6
KAFB-106116-250	SV116-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	118	95-63-6
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	100-41-4
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	100-42-5
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	106-93-4
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	106-99-0
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	107-06-2
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	108-10-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	108-67-8
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	108-88-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	109-99-9
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	110-54-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	110-82-7
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	115-07-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	120-82-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	123-91-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	124-48-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	127-18-4
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	1330-20-7
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	141-78-6
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	142-82-5
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	179601-23-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	56-23-5
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	591-78-6
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	64-17-5
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	67-63-0
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	67-64-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	67-66-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	71-43-2
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	74-87-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-00-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-01-4
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-09-2
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-15-0
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-25-2
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-27-4
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-34-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-69-4
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	75-71-8
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	76-13-1
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	78-93-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	79-01-6
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	91-20-3
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	95-47-6
KAFB-106116-350	SV116-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	143	95-63-6
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	100-41-4
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	100-42-5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	106-93-4
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	106-99-0
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	107-06-2
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	108-10-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	108-67-8
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	108-88-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	109-99-9
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	110-54-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	110-82-7
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	115-07-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	120-82-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	123-91-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	124-48-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	127-18-4
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	1330-20-7
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	141-78-6
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	142-82-5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	179601-23-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	56-23-5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	591-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	64-17-5
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	67-63-0
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	67-64-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	67-66-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	71-43-2
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	74-87-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-00-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-01-4
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-09-2
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-15-0
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-25-2
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-27-4
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-34-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-69-4
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	75-71-8
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	76-13-1
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	78-93-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	79-01-6
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	91-20-3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	95-47-6
KAFB-106116-350	SV116-350-612	4/6/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101875	370	95-63-6
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	100-41-4
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	100-42-5
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	106-93-4
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	106-99-0
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	107-06-2
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	108-10-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	108-67-8
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	108-88-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	109-99-9
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	110-54-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	110-82-7
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	115-07-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	120-82-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	123-91-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	124-48-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	127-18-4
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	1330-20-7
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	141-78-6
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	142-82-5
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	179601-23-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	56-23-5
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	591-78-6
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	64-17-5
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	67-63-0
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	67-64-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	67-66-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	71-43-2
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	74-87-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-00-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-01-4
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-09-2
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-15-0
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-25-2
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-34-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-69-4
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	75-71-8
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	76-13-1
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	78-93-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	79-01-6
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	91-20-3
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	95-47-6
KAFB-106116-450	SV116-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	8120	95-63-6
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	100-41-4
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	100-42-5
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	106-93-4
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	106-99-0
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	107-06-2
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	108-10-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	108-67-8
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	108-88-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	109-99-9
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	110-54-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	110-82-7
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	115-07-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	120-82-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	123-91-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	124-48-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	127-18-4
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	1330-20-7
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	141-78-6
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	142-82-5
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	179601-23-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	56-23-5
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	591-78-6
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	64-17-5
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	67-63-0
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	67-64-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	67-66-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	71-43-2
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	74-87-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-00-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-01-4
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-09-2
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-15-0
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-25-2
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-27-4
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-34-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-69-4
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-71-8
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	76-13-1
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	78-93-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	79-01-6
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	91-20-3
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	95-47-6
KAFB-106117-025	SV117-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	95-63-6
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	100-41-4
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	100-42-5
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	106-99-0
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	107-06-2
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	108-10-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	108-67-8
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	108-88-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	109-99-9
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	110-54-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	110-82-7
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	115-07-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	120-82-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	123-91-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	124-48-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	127-18-4
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	1330-20-7
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	141-78-6
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	142-82-5
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	179601-23-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	56-23-5
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	591-78-6
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	64-17-5
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	67-63-0
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	67-64-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	67-66-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	71-43-2
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	74-87-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-00-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-01-4
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-09-2
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-15-0
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-25-2
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-27-4
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-34-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-69-4
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	75-71-8
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	76-13-1
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	78-93-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	79-01-6
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	91-20-3
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	95-47-6
KAFB-106117-050	SV117-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.68	95-63-6
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	100-41-4
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	100-42-5
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	106-93-4
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	106-99-0
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	107-06-2
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	108-10-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	108-67-8
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	108-88-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	109-99-9
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	110-54-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	110-82-7
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	115-07-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	120-82-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	123-91-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	127-18-4
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	1330-20-7
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	141-78-6
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	142-82-5
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	179601-23-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	56-23-5
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	591-78-6
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	64-17-5
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	67-63-0
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	67-64-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	67-66-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	71-43-2
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	74-87-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-00-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-01-4
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-09-2
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-15-0
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-25-2
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-27-4
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-34-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-69-4
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	75-71-8
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	76-13-1
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	78-93-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	79-01-6
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	91-20-3
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	95-47-6
KAFB-106117-150	SV117-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.58	95-63-6
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	100-41-4
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	100-42-5
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	106-93-4
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	106-99-0
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	107-06-2
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	108-10-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	108-67-8
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	108-88-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	109-99-9
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	110-54-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	110-82-7
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	115-07-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	120-82-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	123-91-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	124-48-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	127-18-4
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	1330-20-7
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	141-78-6
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	142-82-5
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	179601-23-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	56-23-5
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	591-78-6
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	64-17-5
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	67-63-0
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	67-64-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	67-66-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	74-87-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-00-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-01-4
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-09-2
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-15-0
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-25-2
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-27-4
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-34-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-69-4
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	75-71-8
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	76-13-1
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	78-93-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	79-01-6
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	91-20-3
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	95-47-6
KAFB-106117-350	SV117-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	613	95-63-6
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	100-41-4
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	100-42-5
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	106-93-4
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	106-99-0
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	107-06-2
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	108-10-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	108-67-8
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	108-88-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	109-99-9
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	110-54-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	110-82-7
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	115-07-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	120-82-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	123-91-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	124-48-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	127-18-4
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	1330-20-7
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	141-78-6
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	142-82-5
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	179601-23-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	56-23-5
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	591-78-6
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	64-17-5
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	67-63-0
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	67-64-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	67-66-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	71-43-2
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	74-87-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-00-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-01-4
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-09-2
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-15-0
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-25-2
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-27-4
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-34-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-69-4
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	75-71-8
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	76-13-1
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	78-93-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	79-01-6
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	91-20-3
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	95-47-6
KAFB-106117-450	SV117-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9400	95-63-6
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	100-41-4
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	100-42-5
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	106-93-4
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	106-99-0
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	107-06-2
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	108-10-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	108-67-8
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	108-88-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	109-99-9
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	110-54-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	110-82-7
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	115-07-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	120-82-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	123-91-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	124-48-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	127-18-4
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	1330-20-7
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	141-78-6
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	142-82-5
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	179601-23-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	56-23-5
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	591-78-6
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	64-17-5
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	67-63-0
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	67-64-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	71-43-2
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	74-87-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-00-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-01-4
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-09-2
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-15-0
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-25-2
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-27-4
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-34-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-69-4
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	75-71-8
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	76-13-1
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	78-93-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	79-01-6
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	91-20-3
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	95-47-6
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	3.78	95-63-6
KAFB-106124-025	SV124-025-212	4/5/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	37.8	67-66-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	100-41-4
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	100-42-5
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	106-93-4
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	106-99-0
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	107-06-2
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	108-10-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	108-67-8
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	109-99-9
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	110-54-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	110-82-7
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	115-07-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	120-82-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	123-91-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	124-48-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	127-18-4
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	1330-20-7
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	141-78-6
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	142-82-5
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	179601-23-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	56-23-5
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	591-78-6
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	64-17-5
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	67-63-0
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	67-64-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	71-43-2
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	74-87-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-00-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-01-4
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-09-2
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-15-0
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-25-2
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-27-4
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-34-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-69-4
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	75-71-8
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	76-13-1
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	78-93-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	79-01-6
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	91-20-3
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	95-47-6
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.93	95-63-6
KAFB-106124-050	SV124-050-212	4/5/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	49.3	67-66-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	100-41-4
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	100-42-5
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	106-93-4
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	106-99-0
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	107-06-2
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	108-10-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	108-67-8
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	108-88-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	109-99-9
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	110-54-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	110-82-7
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	115-07-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	120-82-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	123-91-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	124-48-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	127-18-4
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	1330-20-7
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	141-78-6
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	142-82-5
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	56-23-5
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	591-78-6
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	64-17-5
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	67-63-0
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	67-64-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	67-66-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	71-43-2
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	74-87-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-00-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-01-4
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-09-2
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-15-0
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-25-2
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-27-4
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-34-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-69-4
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	75-71-8
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	76-13-1
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	78-93-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	79-01-6
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	91-20-3
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	95-47-6
KAFB-106124-150	SV124-150-212	4/5/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.83	95-63-6
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	100-41-4
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	100-42-5
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	106-93-4
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	106-99-0
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	107-06-2
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	108-10-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	108-67-8
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	108-88-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	109-99-9
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	110-54-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	110-82-7
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	115-07-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	120-82-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	123-91-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	124-48-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	127-18-4
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	1330-20-7
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	141-78-6
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	142-82-5
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	179601-23-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	56-23-5
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	591-78-6
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	64-17-5
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	67-63-0
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	67-64-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	67-66-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	71-43-2
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	74-87-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-00-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-01-4
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-09-2
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-15-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-25-2
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-27-4
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-34-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-69-4
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	75-71-8
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	76-13-1
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	78-93-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	79-01-6
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	91-20-3
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	95-47-6
KAFB-106124-250	SV124-250-212	4/5/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.78	95-63-6
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	100-41-4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	100-42-5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	106-93-4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	106-99-0
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	107-06-2
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	108-10-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	108-67-8
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	108-88-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	109-99-9
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	110-54-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	110-82-7
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	115-07-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	120-82-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	123-91-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	124-48-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	127-18-4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	1330-20-7
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	141-78-6
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	142-82-5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	179601-23-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	56-23-5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	591-78-6
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	64-17-5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	67-63-0
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	67-64-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	67-66-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	71-43-2
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	74-87-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-00-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-01-4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-09-2
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-15-0
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-25-2
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-27-4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-34-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-69-4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	75-71-8
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	76-13-1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	78-93-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	79-01-6
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	91-20-3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	95-47-6
KAFB-106124-250	SV124-250-612	4/5/2021	FD	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.53	95-63-6
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	100-42-5
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	106-93-4
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	106-99-0
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	107-06-2
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	108-10-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	108-67-8
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	108-88-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	109-99-9
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	110-54-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	110-82-7
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	115-07-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	120-82-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	123-91-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	124-48-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	127-18-4
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	1330-20-7
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	141-78-6
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	142-82-5
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	179601-23-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	56-23-5
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	591-78-6
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	64-17-5
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	67-63-0
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	67-64-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	67-66-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	71-43-2
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	74-87-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-00-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-01-4
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-09-2
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-15-0
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-25-2
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-27-4
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-34-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-69-4
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	75-71-8
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	76-13-1
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	78-93-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	79-01-6
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	91-20-3
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	95-47-6
KAFB-106124-350	SV124-350-212	4/5/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	9.75	95-63-6
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	100-41-4
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	100-42-5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	106-93-4
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	106-99-0
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	107-06-2
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	108-10-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	108-67-8
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	108-88-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	109-99-9
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	110-54-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	110-82-7
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	115-07-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	123-91-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	124-48-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	127-18-4
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	1330-20-7
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	141-78-6
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	142-82-5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	179601-23-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	56-23-5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	591-78-6
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	64-17-5
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	67-63-0
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	67-64-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	67-66-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	71-43-2
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	74-87-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-00-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-01-4
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-09-2
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-15-0
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-25-2
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-27-4
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-34-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-69-4
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	75-71-8
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	76-13-1
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	78-93-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	79-01-6
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	91-20-3
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	95-47-6
KAFB-106124-450	SV124-450-212	4/5/2021	N	440.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	32.5	95-63-6
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	100-41-4
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	100-42-5
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	106-93-4
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	106-99-0
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	107-06-2
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	108-10-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	108-67-8
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	108-88-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	109-99-9
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	110-54-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	110-82-7
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	115-07-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	120-82-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	123-91-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	124-48-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	127-18-4
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	1330-20-7
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	141-78-6
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	142-82-5
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	179601-23-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	56-23-5
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	591-78-6
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	64-17-5
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	67-63-0
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	67-64-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	71-43-2
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	74-87-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-00-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-01-4
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-09-2
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-15-0
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-25-2
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-27-4
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-34-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-69-4
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	75-71-8
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	76-13-1
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	78-93-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	79-01-6
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	91-20-3
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	95-47-6
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.05	95-63-6
KAFB-106125-025	SV125-025-212	4/5/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	50.5	67-66-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	100-41-4
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	100-42-5
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	106-93-4
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	106-99-0
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	107-06-2
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	108-10-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	108-67-8
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	108-88-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	109-99-9
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	110-54-3
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	110-82-7
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	115-07-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	120-82-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	123-91-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	124-48-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	127-18-4
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	1330-20-7
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	141-78-6
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	142-82-5
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	179601-23-1
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	56-23-5
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	591-78-6
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	64-17-5
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	67-63-0
KAFB-106125-050	SV125-050-212	4/5/2021	N	40.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.1	67-64-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	100-41-4
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	100-42-5
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	106-93-4
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	106-99-0
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	107-06-2
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	108-10-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	108-67-8
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	108-88-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	109-99-9
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	110-54-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	110-82-7
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	115-07-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	120-82-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	123-91-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	124-48-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	127-18-4
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	1330-20-7
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	141-78-6
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	142-82-5
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	179601-23-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	56-23-5
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	591-78-6
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	64-17-5
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	67-63-0
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	67-64-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	67-66-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	71-43-2
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	74-87-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-00-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-01-4
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-09-2
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-15-0
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-25-2
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-27-4
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-34-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-69-4
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	75-71-8
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	76-13-1
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	78-93-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	79-01-6
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	91-20-3
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	95-47-6
KAFB-106125-150	SV125-150-212	4/5/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.03	95-63-6
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	100-41-4
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	100-42-5
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	106-93-4
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	106-99-0
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	107-06-2
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	108-10-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	108-67-8
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	108-88-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	109-99-9
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	110-54-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	110-82-7
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	115-07-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	120-82-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	123-91-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	124-48-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	127-18-4
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	1330-20-7
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	141-78-6
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	142-82-5
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	179601-23-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	56-23-5
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	591-78-6
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	64-17-5
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	67-63-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	67-64-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	67-66-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	71-43-2
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	74-87-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-00-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-01-4
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-09-2
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-15-0
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-25-2
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-27-4
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-34-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-69-4
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	75-71-8
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	76-13-1
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	78-93-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	79-01-6
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	91-20-3
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	95-47-6
KAFB-106125-250	SV125-250-212	4/5/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.85	95-63-6
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	100-41-4
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	100-42-5
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	106-93-4
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	106-99-0
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	107-06-2
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	108-10-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	108-67-8
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	108-88-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	109-99-9
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	110-54-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	110-82-7
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	115-07-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	120-82-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	123-91-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	124-48-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	127-18-4
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	1330-20-7
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	141-78-6
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	142-82-5
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	179601-23-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	56-23-5
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	591-78-6
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	64-17-5
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	67-63-0
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	67-64-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	67-66-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	71-43-2
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	74-87-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-00-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-01-4
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-09-2
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-15-0
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-25-2
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-27-4
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-34-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	75-71-8
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	76-13-1
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	78-93-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	79-01-6
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	91-20-3
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	95-47-6
KAFB-106125-350	SV125-350-212	4/5/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.73	95-63-6
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	100-41-4
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	100-42-5
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	106-93-4
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	106-99-0
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	107-06-2
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	108-10-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	108-67-8
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	108-88-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	109-99-9
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	110-54-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	110-82-7
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	115-07-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	120-82-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	123-91-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	124-48-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	127-18-4
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	1330-20-7
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	141-78-6
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	142-82-5
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	179601-23-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	56-23-5
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	591-78-6
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	64-17-5
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	67-63-0
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	67-64-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	67-66-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	71-43-2
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	74-87-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-00-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-01-4
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-09-2
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-15-0
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-25-2
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-27-4
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-34-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-69-4
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	75-71-8
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	76-13-1
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	78-93-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	79-01-6
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	91-20-3
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	95-47-6
KAFB-106125-450	SV125-450-212	4/5/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	311	95-63-6
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	100-41-4
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	100-42-5
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	106-93-4
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	106-99-0
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	108-10-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	108-67-8
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	108-88-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	109-99-9
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	110-54-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	110-82-7
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	115-07-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	120-82-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	123-91-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	124-48-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	127-18-4
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	1330-20-7
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	141-78-6
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	142-82-5
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	179601-23-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	56-23-5
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	591-78-6
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	64-17-5
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	67-63-0
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	67-64-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	71-43-2
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	74-87-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-00-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-01-4
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-09-2
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-15-0
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-25-2
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-27-4
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-34-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-69-4
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	75-71-8
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	76-13-1
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	78-93-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	79-01-6
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	91-20-3
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	95-47-6
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.2	95-63-6
KAFB-106127-025	SV127-025-212	4/5/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	52	67-66-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	100-41-4
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	100-42-5
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	106-93-4
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	106-99-0
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	107-06-2
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	108-10-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	108-67-8
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	108-88-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	109-99-9
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	110-54-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	110-82-7
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	115-07-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	120-82-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	123-91-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	124-48-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	127-18-4
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	141-78-6
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	142-82-5
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	179601-23-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	56-23-5
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	591-78-6
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	64-17-5
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	67-63-0
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	67-64-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	71-43-2
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	74-87-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-00-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-01-4
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-09-2
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-15-0
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-25-2
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-27-4
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-34-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-69-4
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	75-71-8
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	76-13-1
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	78-93-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	79-01-6
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	91-20-3
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	95-47-6
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5.18	95-63-6
KAFB-106127-050	SV127-050-212	4/5/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	51.8	67-66-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	100-41-4
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	100-42-5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	106-93-4
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	106-99-0
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	107-06-2
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	108-10-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	108-67-8
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	108-88-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	109-99-9
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	110-54-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	110-82-7
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	115-07-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	120-82-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	123-91-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	124-48-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	127-18-4
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	1330-20-7
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	141-78-6
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	142-82-5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	179601-23-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	56-23-5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	591-78-6
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	64-17-5
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	67-63-0
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	67-64-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	67-66-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	71-43-2
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	74-87-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-00-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-01-4
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-09-2
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-15-0
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-25-2
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-27-4
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-34-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-69-4
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	75-71-8
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	76-13-1
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	78-93-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	79-01-6
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	91-20-3
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	95-47-6
KAFB-106127-150	SV127-150-212	4/5/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	4.5	95-63-6
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	100-41-4
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	100-42-5
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	106-93-4
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	106-99-0
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	107-06-2
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	108-10-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	108-67-8
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	108-88-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	109-99-9
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	110-54-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	110-82-7
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	115-07-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	120-82-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	123-91-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	123-91-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	124-48-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	127-18-4
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	1330-20-7
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	141-78-6
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	142-82-5
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	179601-23-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	56-23-5
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	591-78-6
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	64-17-5
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	67-63-0
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	67-64-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	67-66-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	71-43-2
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	74-87-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-00-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-01-4
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-09-2
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-15-0
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-25-2
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-27-4
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-34-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-69-4
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	75-71-8
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	76-13-1
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	78-93-3
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	79-01-6
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	95-47-6
KAFB-106127-250	SV127-250-212	4/5/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.55	95-63-6
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	100-41-4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	100-42-5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	106-93-4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	106-99-0
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	107-06-2
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	108-10-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	108-67-8
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	108-88-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	109-99-9
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	110-54-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	110-82-7
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	115-07-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	120-82-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	123-91-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	124-48-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	127-18-4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	1330-20-7
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	141-78-6
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	142-82-5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	179601-23-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	56-23-5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	591-78-6
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	64-17-5
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	67-63-0
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	67-64-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	67-66-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	71-43-2
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	74-87-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-00-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-01-4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-09-2
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-15-0
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-25-2
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-27-4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-34-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-69-4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	75-71-8
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	76-13-1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	78-93-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	79-01-6
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	91-20-3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	95-47-6
KAFB-106127-250	SV127-250-612	4/5/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101894	5	95-63-6
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	100-41-4
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	100-42-5
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	106-93-4
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	106-99-0
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	107-06-2
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	108-10-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	108-67-8
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	108-88-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	109-99-9
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	110-54-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	110-82-7
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	115-07-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	120-82-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	123-91-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	124-48-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	127-18-4
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	1330-20-7
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	141-78-6
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	142-82-5
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	179601-23-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	56-23-5
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	591-78-6
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	64-17-5
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	67-63-0
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	67-64-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	67-66-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	71-43-2
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	74-87-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-00-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-01-4
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-09-2
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-15-0
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-25-2
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-27-4
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-34-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-69-4
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	75-71-8
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	76-13-1
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	78-93-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	79-01-6
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	91-20-3
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	95-47-6
KAFB-106127-350	SV127-350-212	4/5/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.18	95-63-6
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	100-41-4
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	100-42-5
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	106-93-4
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	106-99-0
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	107-06-2
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	108-10-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	108-67-8
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	108-88-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	109-99-9
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	110-54-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	110-82-7
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	115-07-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	120-82-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	123-91-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	124-48-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	127-18-4
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	1330-20-7
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	141-78-6
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	142-82-5
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	179601-23-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	56-23-5
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	591-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	64-17-5
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	67-63-0
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	67-64-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	67-66-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	71-43-2
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	74-87-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-00-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-01-4
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-09-2
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-15-0
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-25-2
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-27-4
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-34-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-69-4
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	75-71-8
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	76-13-1
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	78-93-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	79-01-6
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	91-20-3
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	95-47-6
KAFB-106127-450	SV127-450-212	4/5/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.27	95-63-6
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	100-41-4
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	100-42-5
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	106-93-4
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	106-99-0
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	107-06-2
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	108-10-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	108-67-8
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	108-88-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	109-99-9
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	110-54-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	110-82-7
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	115-07-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	120-82-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	123-91-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	124-48-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	127-18-4
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	1330-20-7
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	141-78-6
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	142-82-5
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	179601-23-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	56-23-5
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	591-78-6
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	64-17-5
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	67-63-0
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	67-64-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	67-66-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	71-43-2
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	74-87-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-00-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-01-4
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-09-2
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-15-0
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-25-2
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-34-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	75-69-4
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	76-13-1
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	78-93-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	79-01-6
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	91-20-3
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	95-47-6
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.77	95-63-6
KAFB-106128-025	SV128-025-212	4/6/2021	N	15.04 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	27.1	75-71-8
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	100-41-4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	100-42-5
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	106-93-4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	106-99-0
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	107-06-2
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	108-10-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	108-67-8
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	108-88-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	109-99-9
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	110-54-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	110-82-7
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	115-07-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	120-82-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	123-91-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	124-48-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	127-18-4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	1330-20-7
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	141-78-6
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	142-82-5
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	179601-23-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	56-23-5
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	591-78-6
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	64-17-5
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	67-63-0
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	67-64-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	67-66-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	71-43-2
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	74-87-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-00-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-01-4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-09-2
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-15-0
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-25-2
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-27-4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-34-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-69-4
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	75-71-8
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	76-13-1
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	78-93-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	79-01-6
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	91-20-3
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	95-47-6
KAFB-106128-050	SV128-050-212	4/6/2021	N	40.07 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.4	95-63-6
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	100-41-4
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	100-42-5
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	106-99-0
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	107-06-2
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	108-10-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	108-67-8
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	108-88-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	109-99-9
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	110-54-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	110-82-7
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	115-07-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	120-82-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	123-91-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	124-48-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	127-18-4
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	1330-20-7
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	141-78-6
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	142-82-5
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	179601-23-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	56-23-5
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	591-78-6
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	64-17-5
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	67-63-0
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	67-64-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	67-66-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	71-43-2
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	74-87-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-00-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-01-4
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-09-2
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-15-0
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-25-2
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-27-4
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-34-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	75-69-4
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	76-13-1
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	78-93-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	79-01-6
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	91-20-3
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	95-47-6
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.95	95-63-6
KAFB-106128-150	SV128-150-212	4/6/2021	N	140.19 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	49.5	75-71-8
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	100-41-4
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	100-42-5
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	106-93-4
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	106-99-0
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	107-06-2
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	108-10-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	108-67-8
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	108-88-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	109-99-9
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	110-54-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	110-82-7
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	115-07-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	120-82-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	123-91-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	127-18-4
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	1330-20-7
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	141-78-6
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	142-82-5
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	179601-23-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	56-23-5
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	591-78-6
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	64-17-5
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	67-63-0
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	67-64-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	67-66-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	71-43-2
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	74-87-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-00-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-01-4
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-09-2
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-15-0
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-25-2
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-27-4
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-34-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-69-4
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	75-71-8
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	76-13-1
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	78-93-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	79-01-6
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	91-20-3
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	95-47-6
KAFB-106128-250	SV128-250-212	4/6/2021	N	240.29 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	3030	95-63-6
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	100-41-4
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	100-42-5
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	106-93-4
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	106-99-0
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	107-06-2
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	108-10-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	108-67-8
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	108-88-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	109-99-9
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	110-54-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	110-82-7
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	115-07-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	120-82-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	123-91-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	124-48-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	127-18-4
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	1330-20-7
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	141-78-6
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	142-82-5
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	179601-23-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	56-23-5
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	591-78-6
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	64-17-5
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	67-63-0
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	67-64-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	67-66-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	74-87-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-00-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-01-4
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-09-2
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-15-0
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-25-2
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-27-4
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-34-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-69-4
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	75-71-8
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	76-13-1
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	78-93-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	79-01-6
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	91-20-3
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	95-47-6
KAFB-106128-350	SV128-350-212	4/6/2021	N	340.39 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5940	95-63-6
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	100-41-4
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	100-42-5
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	106-93-4
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	106-99-0
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	107-06-2
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	108-10-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	108-67-8
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	108-88-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	109-99-9
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	110-54-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	110-82-7
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	115-07-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	120-82-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	123-91-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	124-48-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	127-18-4
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	1330-20-7
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	141-78-6
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	179601-23-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	56-23-5
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	591-78-6
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	64-17-5
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	67-63-0
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	67-64-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	67-66-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	71-43-2
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	74-87-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-00-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-01-4
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-09-2
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-15-0
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-25-2
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-27-4
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-34-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-69-4
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	75-71-8
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	76-13-1
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	78-93-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	79-01-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	91-20-3
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	95-47-6
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7640	95-63-6
KAFB-106128-450	SV128-450-212	4/6/2021	N	440.06 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	25500	142-82-5
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	100-41-4
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	100-42-5
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	106-93-4
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	106-99-0
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	107-06-2
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	108-10-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	108-67-8
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	108-88-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	109-99-9
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	110-54-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	110-82-7
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	115-07-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	120-82-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	123-91-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	124-48-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	127-18-4
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	1330-20-7
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	141-78-6
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	142-82-5
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	179601-23-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	56-23-5
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	591-78-6
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	64-17-5
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	67-63-0
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	67-64-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	67-66-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	71-43-2
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	74-87-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-00-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-01-4
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-09-2
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-15-0
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-25-2
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-27-4
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-34-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-69-4
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	75-71-8
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	76-13-1
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	78-93-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	79-01-6
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	91-20-3
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	95-47-6
KAFB-106133-025	SV133-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.78	95-63-6
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	100-41-4
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	100-42-5
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	106-93-4
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	106-99-0
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	107-06-2
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	108-10-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	108-67-8
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	109-99-9
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	110-54-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	110-82-7
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	115-07-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	120-82-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	123-91-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	124-48-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	127-18-4
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	1330-20-7
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	141-78-6
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	142-82-5
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	179601-23-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	56-23-5
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	591-78-6
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	64-17-5
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	67-63-0
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	67-64-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	67-66-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	71-43-2
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	74-87-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-00-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-01-4
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-09-2
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-15-0
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-25-2
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-27-4
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-34-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-69-4
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	75-71-8
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	76-13-1
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	78-93-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	79-01-6
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	91-20-3
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	95-47-6
KAFB-106133-050	SV133-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.9	95-63-6
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	100-41-4
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	100-42-5
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	106-93-4
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	106-99-0
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	107-06-2
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	108-10-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	108-67-8
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	108-88-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	109-99-9
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	110-54-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	110-82-7
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	115-07-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	120-82-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	123-91-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	124-48-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	127-18-4
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	1330-20-7
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	141-78-6
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	142-82-5
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	56-23-5
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	591-78-6
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	64-17-5
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	67-63-0
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	67-64-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	67-66-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	71-43-2
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	74-87-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-00-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-01-4
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-09-2
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-15-0
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-25-2
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-27-4
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-34-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-69-4
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	75-71-8
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	76-13-1
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	78-93-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	79-01-6
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	91-20-3
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	95-47-6
KAFB-106133-170	SV133-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.48	95-63-6
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	100-41-4
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	100-42-5
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	106-93-4
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	106-99-0
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	107-06-2
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	108-10-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	108-67-8
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	108-88-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	109-99-9
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	110-54-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	110-82-7
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	115-07-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	120-82-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	123-91-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	124-48-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	127-18-4
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	1330-20-7
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	141-78-6
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	142-82-5
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	179601-23-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	56-23-5
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	591-78-6
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	64-17-5
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	67-63-0
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	67-64-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	67-66-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	71-43-2
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	74-87-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-00-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-01-4
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-09-2
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-15-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-25-2
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-27-4
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-34-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-69-4
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	75-71-8
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	76-13-1
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	78-93-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	91-20-3
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	95-47-6
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	4.83	95-63-6
KAFB-106133-250	SV133-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	48.3	79-01-6
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	100-41-4
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	100-42-5
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	106-93-4
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	106-99-0
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	107-06-2
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	108-10-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	108-67-8
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	108-88-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	109-99-9
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	110-54-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	110-82-7
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	115-07-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	120-82-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	123-91-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	124-48-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	127-18-4
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	1330-20-7
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	141-78-6
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	142-82-5
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	179601-23-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	56-23-5
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	591-78-6
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	64-17-5
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	67-63-0
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	67-64-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	67-66-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	71-43-2
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	74-87-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-00-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-01-4
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-09-2
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-15-0
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-25-2
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-27-4
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-34-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-69-4
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	75-71-8
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	76-13-1
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	78-93-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	79-01-6
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	91-20-3
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	95-47-6
KAFB-106133-350	SV133-350-212	4/6/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	5.43	95-63-6
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	100-42-5
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	106-93-4
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	106-99-0
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	107-06-2
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	108-10-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	108-67-8
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	108-88-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	109-99-9
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	110-54-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	110-82-7
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	115-07-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	120-82-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	123-91-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	124-48-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	127-18-4
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	1330-20-7
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	141-78-6
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	142-82-5
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	179601-23-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	56-23-5
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	591-78-6
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	64-17-5
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	67-63-0
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	67-64-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	67-66-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	71-43-2
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	74-87-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-00-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-01-4
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-09-2
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-15-0
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-25-2
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-27-4
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-34-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-69-4
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	75-71-8
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	76-13-1
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	78-93-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	79-01-6
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	91-20-3
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	95-47-6
KAFB-106133-450	SV133-450-212	4/6/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	67	95-63-6
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	100-41-4
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	100-42-5
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	106-93-4
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	106-99-0
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	107-06-2
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	108-10-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	108-67-8
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	108-88-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	109-99-9
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	110-54-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	110-82-7
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	115-07-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	123-91-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	124-48-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	127-18-4
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	1330-20-7
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	141-78-6
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	142-82-5
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	179601-23-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	56-23-5
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	591-78-6
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	64-17-5
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	67-63-0
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	67-64-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	67-66-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	71-43-2
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	74-87-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-00-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-01-4
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-09-2
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-15-0
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-25-2
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-27-4
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-34-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-69-4
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	75-71-8
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	76-13-1
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	78-93-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	79-01-6
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	91-20-3
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	95-47-6
KAFB-106136-025	SV136-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.63	95-63-6
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	100-41-4
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	100-42-5
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	106-93-4
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	106-99-0
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	107-06-2
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	108-10-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	108-67-8
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	108-88-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	109-99-9
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	110-54-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	110-82-7
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	115-07-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	120-82-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	123-91-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	124-48-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	127-18-4
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	1330-20-7
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	141-78-6
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	142-82-5
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	179601-23-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	56-23-5
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	591-78-6
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	64-17-5
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	67-63-0
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	67-64-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	67-66-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	71-43-2
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	74-87-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-00-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-01-4
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-09-2
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-15-0
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-25-2
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-27-4
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-34-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-69-4
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	75-71-8
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	76-13-1
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	78-93-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	79-01-6
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	91-20-3
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	95-47-6
KAFB-106136-050	SV136-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	9.88	95-63-6
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	100-41-4
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	100-42-5
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	106-93-4
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	106-99-0
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	107-06-2
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	108-10-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	108-67-8
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	108-88-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	109-99-9
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	110-54-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	110-82-7
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	115-07-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	120-82-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	123-91-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	124-48-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	127-18-4
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	1330-20-7
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	141-78-6
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	142-82-5
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	179601-23-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	56-23-5
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	591-78-6
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	64-17-5
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	67-63-0
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	67-64-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	67-66-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	71-43-2
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	74-87-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-00-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-01-4
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-09-2
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-15-0
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-25-2
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-27-4
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-34-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-69-4
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	75-71-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	76-13-1
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	78-93-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	79-01-6
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	91-20-3
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	95-47-6
KAFB-106136-150	SV136-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.45	95-63-6
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	100-41-4
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	100-42-5
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	106-93-4
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	106-99-0
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	107-06-2
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	108-10-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	108-67-8
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	108-88-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	109-99-9
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	110-54-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	110-82-7
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	115-07-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	120-82-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	123-91-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	124-48-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	127-18-4
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	1330-20-7
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	141-78-6
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	142-82-5
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	179601-23-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	56-23-5
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	591-78-6
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	64-17-5
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	67-63-0
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	67-64-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	67-66-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	71-43-2
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	74-87-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-00-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-01-4
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-09-2
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-15-0
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-25-2
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-27-4
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-34-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-69-4
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	75-71-8
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	76-13-1
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	78-93-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	79-01-6
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	91-20-3
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	95-47-6
KAFB-106136-250	SV136-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.18	95-63-6
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	100-41-4
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	100-42-5
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	106-93-4
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	106-99-0
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	107-06-2
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	108-10-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	108-67-8
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	108-88-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	109-99-9
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	110-54-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	110-82-7
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	115-07-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	120-82-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	123-91-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	124-48-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	127-18-4
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	1330-20-7
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	141-78-6
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	142-82-5
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	179601-23-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	56-23-5
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	591-78-6
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	64-17-5
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	67-63-0
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	67-64-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	67-66-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	71-43-2
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	74-87-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-00-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-01-4
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-09-2
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-15-0
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-25-2
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-27-4
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-34-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-69-4
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	75-71-8
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	76-13-1
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	78-93-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	79-01-6
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	91-20-3
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	95-47-6
KAFB-106136-350	SV136-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	6.58	95-63-6
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	100-41-4
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	100-42-5
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	106-93-4
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	106-99-0
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	107-06-2
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	108-10-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	108-67-8
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	108-88-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	109-99-9
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	110-54-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	110-82-7
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	115-07-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	120-82-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	123-91-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	124-48-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	127-18-4
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	1330-20-7
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	141-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	142-82-5
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	179601-23-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	56-23-5
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	591-78-6
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	64-17-5
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	67-63-0
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	67-64-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	67-66-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	71-43-2
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	74-87-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-00-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-01-4
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-09-2
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-15-0
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-25-2
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-27-4
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-34-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-69-4
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	75-71-8
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	76-13-1
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	78-93-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	79-01-6
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	91-20-3
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	95-47-6
KAFB-106136-450	SV136-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	8.15	95-63-6
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	100-41-4
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	100-42-5
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	106-93-4
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	106-99-0
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	107-06-2
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	108-10-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	108-67-8
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	108-88-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	109-99-9
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	110-54-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	110-82-7
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	115-07-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	120-82-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	123-91-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	124-48-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	127-18-4
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	1330-20-7
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	141-78-6
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	142-82-5
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	179601-23-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	56-23-5
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	591-78-6
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	64-17-5
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	67-63-0
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	67-64-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	67-66-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	71-43-2
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	74-87-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-00-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-01-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-09-2
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-15-0
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-25-2
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-27-4
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-34-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-69-4
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	75-71-8
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	76-13-1
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	78-93-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	79-01-6
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	91-20-3
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	95-47-6
KAFB-106138-025	SV138-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.28	95-63-6
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	100-41-4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	100-42-5
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	106-93-4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	106-99-0
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	107-06-2
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	108-10-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	108-67-8
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	108-88-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	109-99-9
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	110-54-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	110-82-7
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	115-07-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	120-82-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	123-91-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	124-48-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	123-91-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	124-48-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	127-18-4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	1330-20-7
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	141-78-6
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	142-82-5
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	179601-23-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	56-23-5
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	591-78-6
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	64-17-5
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	67-63-0
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	67-64-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	67-66-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	71-43-2
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	74-87-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-00-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-01-4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-09-2
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-15-0
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-25-2
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-27-4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-34-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-69-4
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	75-71-8
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	76-13-1
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	78-93-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	79-01-6
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	91-20-3
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	95-47-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106138-050	SV138-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101896	7.4	95-63-6
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	100-41-4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	100-42-5
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	106-93-4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	106-99-0
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	107-06-2
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	108-10-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	108-67-8
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	108-88-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	109-99-9
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	110-54-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	110-82-7
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	115-07-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	120-82-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	123-91-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	124-48-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	127-18-4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	1330-20-7
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	141-78-6
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	142-82-5
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	179601-23-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	56-23-5
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	591-78-6
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	64-17-5
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	67-63-0
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	67-64-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	67-66-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	71-43-2
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	74-87-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-00-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-01-4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-09-2
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-15-0
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-25-2
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-27-4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-34-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-69-4
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-71-8
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	76-13-1
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	78-93-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	79-01-6
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	91-20-3
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	95-47-6
KAFB-106109-025	SV109-025-212	4/13/2021	N	15.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	95-63-6
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	100-41-4
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	100-42-5
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	106-93-4
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	106-99-0
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	107-06-2
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	108-10-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	108-67-8
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	108-88-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	109-99-9
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	110-54-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	115-07-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	120-82-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	123-91-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	124-48-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	127-18-4
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	1330-20-7
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	141-78-6
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	142-82-5
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	179601-23-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	56-23-5
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	591-78-6
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	64-17-5
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	67-63-0
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	67-64-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	67-66-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	71-43-2
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	74-87-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-00-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-01-4
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-09-2
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-15-0
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-25-2
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-27-4
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-34-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-69-4
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	75-71-8
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	76-13-1
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	78-93-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	79-01-6
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	91-20-3
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	95-47-6
KAFB-106109-050	SV109-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.55	95-63-6
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	100-41-4
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	100-42-5
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	106-93-4
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	106-99-0
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	107-06-2
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	108-10-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	108-67-8
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	108-88-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	109-99-9
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	110-54-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	110-82-7
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	115-07-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	120-82-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	123-91-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	124-48-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	127-18-4
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	1330-20-7
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	141-78-6
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	142-82-5
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	179601-23-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	56-23-5
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	591-78-6
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	64-17-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	67-63-0
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	67-64-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	67-66-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	71-43-2
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	74-87-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-00-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-01-4
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-09-2
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-15-0
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-25-2
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-27-4
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-34-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-69-4
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	75-71-8
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	76-13-1
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	78-93-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	79-01-6
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	91-20-3
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	95-47-6
KAFB-106109-150	SV109-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.58	95-63-6
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	100-41-4
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	100-42-5
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	106-93-4
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	106-99-0
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	107-06-2
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	108-10-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	108-67-8
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	108-88-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	108-67-8
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	108-88-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	109-99-9
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	110-54-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	110-82-7
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	115-07-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	120-82-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	123-91-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	124-48-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	127-18-4
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	1330-20-7
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	141-78-6
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	142-82-5
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	179601-23-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	56-23-5
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	591-78-6
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	64-17-5
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	67-63-0
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	67-64-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	67-66-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	71-43-2
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	74-87-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-00-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-01-4
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-09-2
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-15-0
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-25-2
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-27-4
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-34-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-69-4
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	75-71-8
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	76-13-1
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	78-93-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	79-01-6
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	91-20-3
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	95-47-6
KAFB-106109-250	SV109-250-212	4/13/2021	N	240.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.13	95-63-6
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	100-41-4
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	100-42-5
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	106-93-4
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	106-99-0
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	107-06-2
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	108-10-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	108-67-8
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	108-88-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	109-99-9
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	110-54-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	110-82-7
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	115-07-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	120-82-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	123-91-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	124-48-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	127-18-4
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	1330-20-7
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	141-78-6
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	142-82-5
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	179601-23-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	56-23-5
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	591-78-6
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	64-17-5
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	67-63-0
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	67-64-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	67-66-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	71-43-2
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	74-87-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-00-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-01-4
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-09-2
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-15-0
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-25-2
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-27-4
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-34-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-69-4
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	75-71-8
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	76-13-1
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	78-93-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	79-01-6
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	91-20-3
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	95-47-6
KAFB-106109-350	SV109-350-212	4/13/2021	N	340.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.45	95-63-6
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	100-41-4
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	100-42-5
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	106-93-4
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	106-99-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	107-06-2
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	108-10-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	108-67-8
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	108-88-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	109-99-9
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	110-54-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	110-82-7
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	115-07-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	120-82-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	123-91-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	124-48-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	127-18-4
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	1330-20-7
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	141-78-6
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	142-82-5
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	179601-23-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	56-23-5
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	591-78-6
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	64-17-5
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	67-63-0
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	67-64-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	67-66-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	71-43-2
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	74-87-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-00-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-01-4
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-09-2
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-15-0
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-25-2
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-27-4
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-34-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-69-4
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	75-71-8
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	76-13-1
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	78-93-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	79-01-6
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	91-20-3
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	95-47-6
KAFB-106109-450	SV109-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.9	95-63-6
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	100-41-4
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	100-42-5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	106-93-4
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	106-99-0
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	107-06-2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	108-10-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	108-67-8
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	108-88-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	109-99-9
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	110-54-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	110-82-7
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	115-07-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	120-82-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	123-91-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	124-48-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	127-18-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	1330-20-7
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	141-78-6
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	142-82-5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	179601-23-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	56-23-5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	591-78-6
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	64-17-5
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	67-63-0
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	67-64-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	67-66-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	71-43-2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	74-87-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-00-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-01-4
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-09-2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-15-0
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-25-2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-27-4
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-34-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-69-4
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	75-71-8
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	76-13-1
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	78-93-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	79-01-6
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	91-20-3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	95-47-6
KAFB-106109-450	SV109-450-612	4/13/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.33	95-63-6
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	100-41-4
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	100-42-5
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	106-93-4
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	106-99-0
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	107-06-2
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	108-10-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	108-67-8
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	108-88-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	109-99-9
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	110-54-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	110-82-7
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	115-07-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	120-82-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	123-91-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	124-48-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	127-18-4
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	1330-20-7
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	141-78-6
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	142-82-5
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	179601-23-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	56-23-5
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	591-78-6
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	64-17-5
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	67-63-0
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	67-64-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	67-66-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	71-43-2
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	74-87-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-00-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-01-4
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-09-2
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-15-0
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-25-2
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-27-4
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-34-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-69-4
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	75-71-8
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	76-13-1
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	78-93-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	79-01-6
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	91-20-3
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	95-47-6
KAFB-106110-025	SV110-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.1	95-63-6
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	100-41-4
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	100-42-5
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	106-93-4
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	106-99-0
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	107-06-2
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	108-10-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	108-67-8
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	108-88-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	109-99-9
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	110-54-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	110-82-7
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	115-07-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	120-82-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	123-91-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	124-48-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	127-18-4
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	1330-20-7
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	141-78-6
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	142-82-5
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	179601-23-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	56-23-5
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	591-78-6
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	64-17-5
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	67-63-0
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	67-64-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	67-66-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	71-43-2
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	74-87-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-00-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-01-4
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-09-2
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-15-0
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-25-2
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-27-4
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-34-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-69-4
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	75-71-8
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	76-13-1
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	78-93-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	79-01-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	91-20-3
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	95-47-6
KAFB-106110-050	SV110-050-212	4/13/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.28	95-63-6
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	100-41-4
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	100-42-5
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	106-93-4
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	106-99-0
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	107-06-2
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	108-10-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	108-67-8
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	108-88-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	109-99-9
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	110-54-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	110-82-7
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	115-07-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	120-82-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	123-91-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	124-48-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	127-18-4
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	1330-20-7
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	141-78-6
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	142-82-5
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	179601-23-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	56-23-5
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	591-78-6
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	64-17-5
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	67-63-0
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	67-64-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	67-66-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	71-43-2
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	74-87-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-00-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-01-4
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-09-2
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-15-0
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-25-2
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-27-4
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-34-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-69-4
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	75-71-8
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	76-13-1
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	78-93-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	79-01-6
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	91-20-3
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	95-47-6
KAFB-106110-150	SV110-150-212	4/13/2021	N	140.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	2110	95-63-6
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	100-41-4
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	100-42-5
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	106-93-4
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	106-99-0
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	107-06-2
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	108-10-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	108-67-8
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	108-88-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	109-99-9

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	110-54-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	110-82-7
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	115-07-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	120-82-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	123-91-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	124-48-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	127-18-4
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	1330-20-7
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	141-78-6
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	142-82-5
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	179601-23-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	56-23-5
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	591-78-6
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	64-17-5
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	67-63-0
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	67-64-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	67-66-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	71-43-2
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	74-87-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-00-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-01-4
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-09-2
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-15-0
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-25-2
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-27-4
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-34-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-69-4
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	75-71-8
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	76-13-1
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	78-93-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	79-01-6
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	91-20-3
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	95-47-6
KAFB-106110-250	SV110-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	17000	95-63-6
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	100-41-4
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	100-42-5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	106-93-4
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	106-99-0
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	107-06-2
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	108-10-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	108-67-8
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	108-88-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	109-99-9
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	110-54-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	110-82-7
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	115-07-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	120-82-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	123-91-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	124-48-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	127-18-4
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	1330-20-7
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	141-78-6
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	142-82-5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	179601-23-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	56-23-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	591-78-6
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	64-17-5
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	67-63-0
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	67-64-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	67-66-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	71-43-2
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	74-87-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-00-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-01-4
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-09-2
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-15-0
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-25-2
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-27-4
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-34-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-69-4
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	75-71-8
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	76-13-1
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	78-93-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	79-01-6
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	91-20-3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	95-47-6
KAFB-106110-250	SV110-250-612	4/13/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	11700	95-63-6
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	100-41-4
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	100-42-5
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	106-93-4
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	106-99-0
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	107-06-2
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	108-10-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	108-67-8
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	108-88-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	109-99-9
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	110-54-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	110-82-7
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	115-07-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	120-82-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	123-91-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	124-48-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	127-18-4
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	1330-20-7
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	141-78-6
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	142-82-5
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	179601-23-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	56-23-5
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	591-78-6
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	64-17-5
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	67-63-0
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	67-64-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	67-66-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	71-43-2
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	74-87-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-00-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-01-4
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-09-2
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-15-0
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-25-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-27-4
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-34-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-69-4
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	75-71-8
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	76-13-1
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	78-93-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	79-01-6
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	91-20-3
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	95-47-6
KAFB-106110-350	SV110-350-212	4/13/2021	N	340.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1410	95-63-6
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	100-41-4
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	100-42-5
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	106-93-4
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	106-99-0
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	107-06-2
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	108-10-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	108-67-8
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	108-88-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	109-99-9
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	110-82-7
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	115-07-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	120-82-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	123-91-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	124-48-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	127-18-4
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	1330-20-7
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	141-78-6
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	142-82-5
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	179601-23-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	56-23-5
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	591-78-6
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	64-17-5
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	67-63-0
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	67-64-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	67-66-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	71-43-2
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	74-87-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-00-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-01-4
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-09-2
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-15-0
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-25-2
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-27-4
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-34-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-69-4
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	75-71-8
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	76-13-1
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	78-93-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	79-01-6
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	91-20-3
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	95-47-6
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	125	95-63-6
KAFB-106110-450	SV110-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	374	110-54-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	100-41-4
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	100-42-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	106-93-4
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	106-99-0
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	107-06-2
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	108-10-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	108-67-8
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	108-88-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	109-99-9
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	110-54-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	110-82-7
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	115-07-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	120-82-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	123-91-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	124-48-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	127-18-4
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	1330-20-7
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	141-78-6
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	142-82-5
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	179601-23-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	56-23-5
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	591-78-6
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	64-17-5
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	67-63-0
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	67-64-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	67-66-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	71-43-2
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	74-87-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-00-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-01-4
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-09-2
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-15-0
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-25-2
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-27-4
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-34-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-69-4
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	75-71-8
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	76-13-1
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	78-93-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	79-01-6
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	91-20-3
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	95-47-6
KAFB-106113-020	SV113-020-212	4/13/2021	N	10 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.48	95-63-6
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	100-41-4
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	100-42-5
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	106-93-4
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	106-99-0
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	107-06-2
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	108-10-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	108-67-8
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	108-88-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	109-99-9
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	110-54-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	110-82-7
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	115-07-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	120-82-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	123-91-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	124-48-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	127-18-4
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	1330-20-7
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	141-78-6
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	142-82-5
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	179601-23-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	56-23-5
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	591-78-6
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	64-17-5
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	67-63-0
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	67-64-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	67-66-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	71-43-2
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	74-87-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-00-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-01-4
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-09-2
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-15-0
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-25-2
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-27-4
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-34-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-69-4
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	75-71-8
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	76-13-1
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	78-93-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	79-01-6
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	91-20-3
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	95-47-6
KAFB-106113-050	SV113-050-212	4/13/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.65	95-63-6
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	100-41-4
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	100-42-5
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	106-93-4
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	106-99-0
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	107-06-2
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	108-10-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	108-67-8
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	108-88-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	109-99-9
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	110-54-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	110-82-7
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	115-07-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	120-82-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	123-91-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	124-48-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	127-18-4
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	1330-20-7
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	141-78-6
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	142-82-5
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	179601-23-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	56-23-5
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	591-78-6
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	64-17-5
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	67-63-0
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	67-64-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	67-66-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	71-43-2
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	74-87-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-00-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-01-4
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-09-2
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-15-0
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-25-2
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-27-4
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-34-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-69-4
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	75-71-8
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	76-13-1
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	78-93-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	79-01-6
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	91-20-3
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	95-47-6
KAFB-106113-150	SV113-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.53	95-63-6
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	100-41-4
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	100-42-5
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	106-93-4
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	106-99-0
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	107-06-2
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	108-10-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	108-67-8
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	108-88-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	109-99-9
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	110-54-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	110-82-7
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	115-07-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	120-82-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	123-91-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	124-48-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	127-18-4
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	1330-20-7
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	141-78-6
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	142-82-5
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	179601-23-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	56-23-5
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	591-78-6
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	64-17-5
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	67-63-0
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	67-64-1
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	67-66-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	71-43-2
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	74-87-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-00-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-01-4
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-09-2
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-15-0
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-25-2
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-27-4
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-34-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-69-4
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	75-71-8
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	78-93-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	79-01-6
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	91-20-3
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	95-47-6
KAFB-106113-250	SV113-250-212	4/13/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.38	95-63-6
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	100-41-4
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	100-42-5
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	106-93-4
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	106-99-0
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	107-06-2
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	108-10-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	108-67-8
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	108-88-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	109-99-9
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	110-54-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	110-82-7
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	115-07-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	120-82-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	123-91-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	124-48-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	127-18-4
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	1330-20-7
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	141-78-6
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	142-82-5
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	179601-23-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	56-23-5
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	591-78-6
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	64-17-5
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	64-17-5
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	67-63-0
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	67-64-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	67-66-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	71-43-2
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	74-87-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-00-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-01-4
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-09-2
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-15-0
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-25-2
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-27-4
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-34-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-69-4
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	75-71-8
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	76-13-1
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	78-93-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	79-01-6
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	91-20-3
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	95-47-6
KAFB-106113-350	SV113-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	243	95-63-6
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	100-41-4
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	100-42-5
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	106-93-4
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	106-99-0
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	107-06-2
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	108-10-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	108-88-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	109-99-9
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	110-54-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	110-82-7
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	115-07-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	120-82-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	123-91-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	124-48-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	127-18-4
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	1330-20-7
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	141-78-6
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	142-82-5
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	179601-23-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	56-23-5
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	591-78-6
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	64-17-5
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	67-63-0
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	67-64-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	67-66-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	71-43-2
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	74-87-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-00-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-01-4
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-09-2
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-15-0
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-25-2
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-27-4
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-34-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-69-4
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	75-71-8
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	76-13-1
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	78-93-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	79-01-6
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	91-20-3
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	95-47-6
KAFB-106113-450	SV113-450-212	4/13/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	1230	95-63-6
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	100-41-4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	100-42-5
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	106-93-4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	106-99-0
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	107-06-2
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	108-10-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	108-67-8
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	108-88-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	109-99-9
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	110-54-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	110-82-7
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	115-07-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	120-82-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	123-91-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	124-48-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	127-18-4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	1330-20-7
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	141-78-6
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	179601-23-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	56-23-5
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	591-78-6
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	64-17-5
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	67-63-0
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	67-64-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	67-66-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	71-43-2
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	74-87-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-00-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-01-4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-09-2
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-15-0
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-25-2
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-27-4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-34-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-69-4
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	75-71-8
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	76-13-1
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	78-93-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	79-01-6
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	91-20-3
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	95-47-6
KAFB-106115-025	SV115-025-212	4/13/2021	N	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.4	95-63-6
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	100-41-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	100-42-5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	106-93-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	106-99-0
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	106-93-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	106-99-0
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	107-06-2
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	108-10-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	108-67-8
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	108-88-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	109-99-9
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	110-54-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	110-82-7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	115-07-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	120-82-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	123-91-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	124-48-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	127-18-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	1330-20-7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	141-78-6
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	142-82-5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	179601-23-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	56-23-5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	591-78-6
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	64-17-5
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	67-63-0
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	67-64-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	67-66-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	71-43-2
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	74-87-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-00-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-01-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-09-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-15-0
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-25-2
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-27-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-34-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-69-4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	75-71-8
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	76-13-1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	78-93-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	79-01-6
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	91-20-3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	95-47-6
KAFB-106115-025	SV115-025-612	4/13/2021	FD	14.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	4.7	95-63-6
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	100-41-4
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	100-42-5
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	106-93-4
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	106-99-0
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	107-06-2
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	108-10-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	108-67-8
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	108-88-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	109-99-9
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	110-54-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	110-82-7
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	115-07-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	120-82-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	123-91-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	124-48-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	127-18-4
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	1330-20-7
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	141-78-6
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	142-82-5
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	179601-23-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	56-23-5
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	591-78-6
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	64-17-5
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	67-63-0
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	67-64-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	67-66-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	71-43-2
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	74-87-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-00-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-01-4
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-09-2
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-15-0
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-25-2
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-27-4
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-34-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-69-4
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	75-71-8
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	76-13-1
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	78-93-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	79-01-6
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	91-20-3
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	95-47-6
KAFB-106115-050	SV115-050-212	4/13/2021	N	39.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.35	95-63-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	100-41-4
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	100-42-5
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	106-93-4
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	106-99-0
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	107-06-2
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	108-10-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	108-67-8
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	108-88-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	109-99-9
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	110-54-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	110-82-7
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	115-07-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	120-82-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	123-91-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	124-48-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	127-18-4
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	1330-20-7
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	141-78-6
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	142-82-5
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	179601-23-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	56-23-5
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	591-78-6
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	64-17-5
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	67-63-0
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	67-64-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	67-66-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	71-43-2
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	74-87-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-00-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-01-4
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-09-2
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-15-0
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-25-2
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-27-4
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-34-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-69-4
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	75-71-8
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	76-13-1
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	78-93-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	79-01-6
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	91-20-3
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	95-47-6
KAFB-106115-150	SV115-150-212	4/13/2021	N	144.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102025	5.03	95-63-6
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	53	67-66-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	100-41-4
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	100-42-5
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	106-93-4
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	106-99-0
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	107-06-2
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	108-10-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	108-67-8
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	108-88-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	109-99-9
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	110-54-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	115-07-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	120-82-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	123-91-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	124-48-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	127-18-4
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	1330-20-7
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	141-78-6
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	142-82-5
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	179601-23-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	56-23-5
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	591-78-6
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	64-17-5
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	67-63-0
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	67-64-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	71-43-2
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	74-87-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-00-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-01-4
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-09-2
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-15-0
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-25-2
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-27-4
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-34-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-69-4
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	75-71-8
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	76-13-1
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	78-93-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	79-01-6
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	91-20-3
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	95-47-6
KAFB-106123-050	SV123-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.3	95-63-6
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	100-41-4
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	100-42-5
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	106-93-4
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	106-99-0
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	107-06-2
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	108-10-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	108-67-8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	108-88-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	109-99-9
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	110-54-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	110-82-7
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	115-07-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	120-82-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	123-91-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	124-48-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	127-18-4
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	1330-20-7
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	141-78-6
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	142-82-5
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	179601-23-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	56-23-5
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	591-78-6
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	64-17-5
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	67-63-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	67-64-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	67-66-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	71-43-2
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	74-87-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-00-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-01-4
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-09-2
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-15-0
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-25-2
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-27-4
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-34-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-69-4
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	75-71-8
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	76-13-1
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	78-93-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	79-01-6
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	91-20-3
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	95-47-6
KAFB-106123-150	SV123-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.8	95-63-6
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	100-41-4
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	100-42-5
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	106-93-4
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	106-99-0
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	107-06-2
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	108-10-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	108-67-8
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	108-88-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	109-99-9
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	110-54-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	110-82-7
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	115-07-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	120-82-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	123-91-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	124-48-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	127-18-4
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	1330-20-7
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	141-78-6
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	142-82-5
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	179601-23-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	56-23-5
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	591-78-6
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	64-17-5
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	67-63-0
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	67-64-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	67-66-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	71-43-2
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	74-87-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-00-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-01-4
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-09-2
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-15-0
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-25-2
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-27-4
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-34-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	75-71-8
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	76-13-1
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	78-93-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	79-01-6
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	91-20-3
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	95-47-6
KAFB-106123-250	SV123-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.45	95-63-6
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	100-41-4
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	100-42-5
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	106-93-4
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	106-99-0
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	107-06-2
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	108-10-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	108-67-8
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	108-88-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	109-99-9
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	110-54-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	110-82-7
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	115-07-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	120-82-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	123-91-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	124-48-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	127-18-4
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	1330-20-7
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	141-78-6
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	142-82-5
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	179601-23-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	56-23-5
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	591-78-6
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	64-17-5
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	67-63-0
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	67-64-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	67-66-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	71-43-2
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	74-87-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-00-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-01-4
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-09-2
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-15-0
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-25-2
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-27-4
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-34-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-69-4
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	75-71-8
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	76-13-1
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	78-93-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	79-01-6
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	91-20-3
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	95-47-6
KAFB-106123-350	SV123-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	3.9	95-63-6
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	100-41-4
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	100-42-5
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	106-93-4
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	106-99-0
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	108-10-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	108-67-8
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	108-88-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	109-99-9
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	110-54-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	110-82-7
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	115-07-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	120-82-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	123-91-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	124-48-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	127-18-4
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	1330-20-7
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	141-78-6
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	142-82-5
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	179601-23-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	56-23-5
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	591-78-6
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	64-17-5
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	67-63-0
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	67-64-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	67-66-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	71-43-2
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	74-87-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-00-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-01-4
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-09-2
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-15-0
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-25-2
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-27-4
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-34-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-69-4
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	75-71-8
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	76-13-1
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	78-93-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	79-01-6
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	91-20-3
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	95-47-6
KAFB-106123-450	SV123-450-212	4/12/2021	N	432 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.88	95-63-6
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	100-41-4
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	100-42-5
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	106-93-4
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	106-99-0
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	107-06-2
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	108-10-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	108-67-8
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	108-88-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	109-99-9
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	110-54-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	110-82-7
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	115-07-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	120-82-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	123-91-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	124-48-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	127-18-4
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	141-78-6
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	142-82-5
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	179601-23-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	56-23-5
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	591-78-6
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	64-17-5
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	67-63-0
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	67-64-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	67-66-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	71-43-2
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	74-87-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-00-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-01-4
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-09-2
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-15-0
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-25-2
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-27-4
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-34-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-69-4
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-71-8
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	76-13-1
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	78-93-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	79-01-6
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	91-20-3
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	95-47-6
KAFB-106131-025	SV131-025-212	4/13/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	95-63-6
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	100-41-4
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	100-42-5
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	106-93-4
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	106-99-0
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	107-06-2
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	108-10-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	108-67-8
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	108-88-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	109-99-9
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	110-54-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	110-82-7
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	115-07-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	120-82-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	123-91-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	124-48-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	127-18-4
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	1330-20-7
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	141-78-6
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	142-82-5
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	179601-23-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	56-23-5
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	591-78-6
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	64-17-5
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	67-63-0
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	67-64-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	67-66-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	71-43-2
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	74-87-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-00-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-01-4
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-09-2
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-15-0
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-25-2
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-27-4
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-34-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-69-4
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	75-71-8
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	76-13-1
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	78-93-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	79-01-6
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	91-20-3
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	95-47-6
KAFB-106131-055	SV131-055-212	4/13/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.78	95-63-6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	100-41-4
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	100-42-5
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	106-93-4
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	106-99-0
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	107-06-2
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	108-10-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	108-67-8
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	108-88-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	109-99-9
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	110-54-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	110-82-7
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	115-07-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	120-82-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	123-91-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	120-82-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	123-91-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	124-48-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	127-18-4
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	1330-20-7
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	141-78-6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	142-82-5
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	179601-23-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	56-23-5
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	591-78-6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	64-17-5
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	67-63-0
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	67-64-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	67-66-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	71-43-2
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	74-87-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-00-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-01-4
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-09-2
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-15-0
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-25-2
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-27-4
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-34-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-69-4
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	75-71-8
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	76-13-1
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	78-93-3
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	79-01-6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	95-47-6
KAFB-106131-150	SV131-150-212	4/13/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.6	95-63-6
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	46.3	75-71-8
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	100-41-4
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	100-42-5
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	106-93-4
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	106-99-0
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	107-06-2
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	108-10-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	108-67-8
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	108-88-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	109-99-9
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	110-54-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	110-82-7
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	115-07-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	120-82-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	123-91-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	124-48-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	127-18-4
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	1330-20-7
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	141-78-6
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	142-82-5
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	179601-23-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	56-23-5
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	591-78-6
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	64-17-5
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	67-63-0
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	67-64-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	67-66-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	71-43-2
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	74-87-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-00-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-01-4
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-09-2
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-15-0
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-25-2
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-27-4
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-34-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	75-69-4
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	76-13-1
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	78-93-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	79-01-6
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	91-20-3
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	95-47-6
KAFB-106131-245	SV131-245-212	4/13/2021	N	235 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.63	95-63-6
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	100-41-4
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	100-42-5
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	106-93-4
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	106-99-0
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	107-06-2
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	108-10-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	108-67-8
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	108-88-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	109-99-9
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	110-54-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	110-82-7
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	115-07-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	120-82-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	123-91-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	124-48-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	127-18-4
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	1330-20-7
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	141-78-6
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	142-82-5
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	179601-23-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	56-23-5
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	591-78-6
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	64-17-5
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	67-63-0
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	67-64-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	67-66-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	71-43-2
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	74-87-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-00-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-01-4
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-09-2
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-15-0
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-25-2
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-27-4
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-34-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-69-4
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	75-71-8
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	76-13-1
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	78-93-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	79-01-6
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	91-20-3
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	95-47-6
KAFB-106131-350	SV131-350-212	4/13/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	65	95-63-6
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	100-41-4
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	100-42-5
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	106-93-4
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	106-99-0
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	107-06-2
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	108-10-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	108-67-8
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	108-88-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	109-99-9
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	110-54-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	110-82-7
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	115-07-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	120-82-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	123-91-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	124-48-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	127-18-4
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	1330-20-7
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	141-78-6
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	142-82-5
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	179601-23-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	56-23-5
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	591-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	64-17-5
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	67-63-0
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	67-64-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	67-66-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	71-43-2
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	74-87-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-00-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-01-4
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-09-2
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-15-0
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-25-2
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-27-4
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-34-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-69-4
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	75-71-8
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	76-13-1
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	78-93-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	79-01-6
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	91-20-3
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	95-47-6
KAFB-106131-450	SV131-450-212	4/13/2021	N	430 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	910	95-63-6
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	100-41-4
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	100-42-5
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	106-93-4
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	106-99-0
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	107-06-2
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	108-10-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	108-67-8
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	108-88-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	109-99-9
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	110-54-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	110-82-7
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	115-07-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	120-82-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	123-91-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	124-48-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	127-18-4
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	1330-20-7
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	141-78-6
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	142-82-5
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	179601-23-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	56-23-5
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	591-78-6
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	64-17-5
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	67-63-0
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	67-64-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	67-66-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	71-43-2
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	74-87-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-00-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-01-4
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-09-2
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-15-0
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-25-2
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-34-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-69-4
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	75-71-8
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	76-13-1
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	78-93-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	79-01-6
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	91-20-3
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	95-47-6
KAFB-106132-025	SV132-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	107	95-63-6
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	100-41-4
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	100-42-5
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	106-93-4
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	106-99-0
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	107-06-2
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	108-10-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	108-67-8
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	108-88-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	109-99-9
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	110-54-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	110-82-7
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	115-07-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	120-82-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	123-91-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	124-48-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	127-18-4
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	1330-20-7
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	141-78-6
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	142-82-5
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	179601-23-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	56-23-5
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	591-78-6
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	64-17-5
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	67-63-0
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	67-64-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	67-66-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	71-43-2
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	74-87-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-00-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-01-4
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-09-2
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-15-0
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-25-2
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-27-4
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-34-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-69-4
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	75-71-8
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	76-13-1
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	78-93-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	79-01-6
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	91-20-3
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	95-47-6
KAFB-106132-050	SV132-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	133	95-63-6
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	100-41-4
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	100-42-5
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	106-99-0
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	107-06-2
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	108-10-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	108-67-8
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	108-88-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	109-99-9
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	110-54-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	110-82-7
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	115-07-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	120-82-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	123-91-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	124-48-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	127-18-4
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	1330-20-7
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	141-78-6
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	142-82-5
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	179601-23-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	56-23-5
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	591-78-6
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	64-17-5
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	67-63-0
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	67-64-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	67-66-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	71-43-2
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	74-87-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-00-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-01-4
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-09-2
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-15-0
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-25-2
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-27-4
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-34-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-69-4
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	75-71-8
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	76-13-1
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	78-93-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	79-01-6
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	91-20-3
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	95-47-6
KAFB-106132-175	SV132-175-212	4/12/2021	N	164 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	313	95-63-6
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	100-41-4
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	100-42-5
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	106-93-4
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	106-99-0
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	107-06-2
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	108-10-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	108-67-8
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	108-88-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	109-99-9
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	110-54-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	110-82-7
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	115-07-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	120-82-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	123-91-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	127-18-4
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	1330-20-7
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	141-78-6
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	142-82-5
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	179601-23-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	56-23-5
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	591-78-6
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	64-17-5
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	67-63-0
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	67-64-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	67-66-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	71-43-2
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	74-87-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-00-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-01-4
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-09-2
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-15-0
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-25-2
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-27-4
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-34-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-69-4
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	75-71-8
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	76-13-1
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	78-93-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	79-01-6
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	91-20-3
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	95-47-6
KAFB-106132-250	SV132-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	201	95-63-6
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	100-41-4
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	100-42-5
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	106-93-4
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	106-99-0
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	107-06-2
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	108-10-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	108-67-8
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	108-88-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	109-99-9
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	110-54-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	110-82-7
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	115-07-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	120-82-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	123-91-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	124-48-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	127-18-4
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	1330-20-7
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	141-78-6
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	142-82-5
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	179601-23-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	56-23-5
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	591-78-6
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	64-17-5
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	67-63-0
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	67-64-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	67-66-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	74-87-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-00-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-01-4
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-09-2
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-15-0
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-25-2
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-27-4
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-34-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-69-4
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	75-71-8
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	76-13-1
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	78-93-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	79-01-6
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	91-20-3
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	95-47-6
KAFB-106132-350	SV132-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.03	95-63-6
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	54.3	79-01-6
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	100-41-4
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	100-42-5
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	106-93-4
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	106-99-0
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	107-06-2
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	108-10-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	108-67-8
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	108-88-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	109-99-9
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	110-54-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	110-82-7
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	115-07-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	120-82-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	123-91-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	124-48-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	127-18-4
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	1330-20-7
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	141-78-6
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	142-82-5
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	179601-23-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	56-23-5
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	591-78-6
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	64-17-5
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	67-63-0
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	67-64-1
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	67-66-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	71-43-2
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	74-87-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-00-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-01-4
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-09-2
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-15-0
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-25-2
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-27-4
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-34-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-69-4
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	75-71-8
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	78-93-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	91-20-3
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	95-47-6
KAFB-106132-450	SV132-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.43	95-63-6
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	100-41-4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	100-42-5
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	106-93-4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	106-99-0
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	107-06-2
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	108-10-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	108-67-8
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	108-88-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	109-99-9
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	110-54-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	110-82-7
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	115-07-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	120-82-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	123-91-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	124-48-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	127-18-4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	1330-20-7
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	141-78-6
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	142-82-5
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	179601-23-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	56-23-5
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	591-78-6
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	64-17-5
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	67-63-0
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	67-64-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	67-66-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	71-43-2
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	74-87-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-00-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-01-4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-09-2
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-15-0
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-25-2
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-27-4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-34-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-69-4
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	75-71-8
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	76-13-1
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	78-93-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	79-01-6
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	91-20-3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	95-47-6
KAFB-106134-025	SV134-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.4	95-63-6
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	100-41-4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	100-42-5
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	106-93-4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	106-99-0
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	107-06-2
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	108-10-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	108-67-8
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	109-99-9
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	110-54-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	110-82-7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	115-07-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	120-82-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	123-91-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	124-48-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	127-18-4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	1330-20-7
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	141-78-6
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	142-82-5
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	179601-23-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	56-23-5
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	591-78-6
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	64-17-5
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	67-63-0
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	67-64-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	67-66-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	71-43-2
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	74-87-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-00-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-01-4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-09-2
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-15-0
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-25-2
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-27-4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-34-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-69-4
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	75-71-8
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	76-13-1
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	78-93-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	79-01-6
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	91-20-3
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	95-47-6
KAFB-106134-050	SV134-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.7	95-63-6
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	100-41-4
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	100-42-5
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	106-93-4
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	106-99-0
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	107-06-2
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	108-10-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	108-67-8
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	108-88-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	109-99-9
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	110-54-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	110-82-7
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	115-07-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	120-82-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	123-91-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	124-48-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	127-18-4
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	1330-20-7
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	141-78-6
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	142-82-5
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	56-23-5
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	591-78-6
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	64-17-5
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	67-63-0
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	67-64-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	67-66-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	71-43-2
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	74-87-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-00-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-01-4
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-09-2
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-15-0
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-25-2
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-27-4
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-34-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-69-4
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	75-71-8
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	76-13-1
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	78-93-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	79-01-6
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	91-20-3
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	95-47-6
KAFB-106134-170	SV134-170-212	4/12/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.28	95-63-6
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	100-41-4
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	100-42-5
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	106-93-4
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	106-99-0
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	107-06-2
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	108-10-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	108-67-8
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	108-88-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	109-99-9
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	110-54-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	110-82-7
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	115-07-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	120-82-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	123-91-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	124-48-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	127-18-4
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	1330-20-7
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	141-78-6
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	142-82-5
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	179601-23-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	56-23-5
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	591-78-6
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	64-17-5
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	67-63-0
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	67-64-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	67-66-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	71-43-2
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	74-87-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-00-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-01-4
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-09-2
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-15-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-25-2
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-27-4
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-34-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-69-4
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	75-71-8
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	76-13-1
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	78-93-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	79-01-6
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	91-20-3
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	95-47-6
KAFB-106134-250	SV134-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.05	95-63-6
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	100-41-4
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	100-42-5
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	106-93-4
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	106-99-0
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	107-06-2
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	108-10-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	108-67-8
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	108-88-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	109-99-9
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	110-54-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	110-82-7
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	115-07-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	120-82-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	123-91-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	124-48-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	127-18-4
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	1330-20-7
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	141-78-6
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	142-82-5
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	179601-23-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	56-23-5
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	591-78-6
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	64-17-5
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	67-63-0
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	67-64-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	67-66-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	71-43-2
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	74-87-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-00-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-01-4
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-09-2
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-15-0
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-25-2
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-27-4
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-34-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-69-4
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	75-71-8
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	76-13-1
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	78-93-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	79-01-6
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	91-20-3
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	95-47-6
KAFB-106134-350	SV134-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	5.23	95-63-6
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	100-42-5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	106-93-4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	106-99-0
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	107-06-2
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	108-10-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	108-67-8
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	108-88-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	109-99-9
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	110-54-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	110-82-7
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	115-07-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	120-82-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	123-91-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	124-48-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	127-18-4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	1330-20-7
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	141-78-6
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	142-82-5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	179601-23-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	56-23-5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	591-78-6
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	64-17-5
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	67-63-0
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	67-64-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	67-66-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	71-43-2
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	74-87-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-00-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-01-4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-09-2
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-15-0
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-25-2
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-27-4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-34-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-69-4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	75-71-8
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	76-13-1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	78-93-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	79-01-6
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	91-20-3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	95-47-6
KAFB-106134-350	SV134-350-612	4/12/2021	FD	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	4.9	95-63-6
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	100-41-4
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	100-42-5
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	106-93-4
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	106-99-0
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	107-06-2
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	108-10-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	108-67-8
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	108-88-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	109-99-9
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	110-54-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	110-82-7
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	115-07-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	123-91-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	124-48-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	127-18-4
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	1330-20-7
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	141-78-6
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	142-82-5
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	179601-23-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	56-23-5
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	591-78-6
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	64-17-5
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	67-63-0
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	67-64-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	67-66-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	71-43-2
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	74-87-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-00-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-01-4
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-09-2
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-15-0
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-25-2
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-27-4
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-34-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-69-4
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	75-71-8
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	76-13-1
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	78-93-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	79-01-6
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	91-20-3
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	95-47-6
KAFB-106134-450	SV134-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102034	70.3	95-63-6
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	100-41-4
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	100-42-5
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	106-93-4
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	106-99-0
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	107-06-2
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-10-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-67-8
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-88-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	109-99-9
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	110-54-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	110-82-7
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	115-07-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	120-82-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	123-91-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	124-48-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	127-18-4
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	1330-20-7
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	141-78-6
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	142-82-5
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	179601-23-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	56-23-5
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	591-78-6
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	64-17-5
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-63-0
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-64-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-66-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	71-43-2
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	74-87-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-00-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-01-4
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-09-2
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-15-0
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-25-2
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-27-4
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-34-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-69-4
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-71-8
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	76-13-1
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	78-93-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	79-01-6
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	91-20-3
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	95-47-6
KAFB-106135-025	SV135-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	95-63-6
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	100-41-4
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	100-42-5
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	106-93-4
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	106-99-0
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	107-06-2
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	108-10-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	108-67-8
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	108-88-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	109-99-9
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	110-54-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	110-82-7
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	115-07-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	120-82-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	123-91-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	124-48-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	127-18-4
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	1330-20-7
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	141-78-6
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	142-82-5
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	179601-23-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	56-23-5
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	591-78-6
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	64-17-5
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	67-63-0
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	67-64-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	67-66-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	71-43-2
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	74-87-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-00-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-01-4
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-09-2
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-15-0
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-25-2
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-27-4
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-34-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-69-4
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	75-71-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	76-13-1
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	78-93-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	79-01-6
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	91-20-3
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	95-47-6
KAFB-106135-050	SV135-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.15	95-63-6
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	100-41-4
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	100-42-5
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	106-93-4
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	106-99-0
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	107-06-2
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	108-10-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	108-67-8
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	108-88-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	109-99-9
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	110-54-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	110-82-7
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	115-07-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	120-82-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	123-91-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	124-48-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	127-18-4
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	1330-20-7
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	141-78-6
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	142-82-5
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	179601-23-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	56-23-5
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	591-78-6
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	64-17-5
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	67-63-0
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	67-64-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	67-66-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	71-43-2
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	74-87-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-00-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-01-4
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-09-2
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-15-0
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-25-2
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-27-4
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-34-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-69-4
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	75-71-8
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	76-13-1
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	78-93-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	91-20-3
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	95-47-6
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.98	95-63-6
KAFB-106135-150	SV135-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	49.8	79-01-6
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	396	79-01-6
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	100-41-4
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	100-42-5
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	106-93-4
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	106-99-0
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	108-10-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	108-67-8
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	108-88-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	109-99-9
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	110-54-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	110-82-7
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	115-07-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	120-82-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	123-91-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	124-48-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	127-18-4
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	1330-20-7
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	141-78-6
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	142-82-5
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	179601-23-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	56-23-5
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	591-78-6
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	64-17-5
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	67-63-0
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	67-64-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	67-66-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	71-43-2
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	74-87-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-00-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-01-4
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-09-2
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-15-0
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-25-2
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-27-4
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-34-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-69-4
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	75-71-8
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	76-13-1
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	78-93-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	91-20-3
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	95-47-6
KAFB-106135-250	SV135-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.95	95-63-6
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	100-41-4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	100-42-5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	106-93-4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	106-99-0
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	107-06-2
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	108-10-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	108-67-8
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	108-88-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	109-99-9
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	110-54-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	110-82-7
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	115-07-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	120-82-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	123-91-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	124-48-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	127-18-4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	1330-20-7
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	141-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	142-82-5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	179601-23-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	56-23-5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	591-78-6
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	64-17-5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	67-63-0
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	67-64-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	67-66-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	71-43-2
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	74-87-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-00-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-01-4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-09-2
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-15-0
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-25-2
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-27-4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-34-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-69-4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	75-71-8
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	76-13-1
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	78-93-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	79-01-6
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	91-20-3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	95-47-6
KAFB-106135-250	SV135-250-612	4/12/2021	FD	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	6.15	95-63-6
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	100-41-4
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	100-42-5
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	106-93-4
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	106-99-0
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	107-06-2
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	108-10-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	108-67-8
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	108-88-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	109-99-9
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	110-54-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	110-82-7
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	115-07-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	120-82-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	123-91-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	124-48-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	127-18-4
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	1330-20-7
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	141-78-6
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	142-82-5
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	179601-23-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	56-23-5
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	591-78-6
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	64-17-5
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	67-63-0
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	67-64-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	67-66-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	71-43-2
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	74-87-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-00-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-01-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-09-2
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-15-0
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-25-2
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-27-4
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-34-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-69-4
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	75-71-8
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	76-13-1
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	78-93-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	79-01-6
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	91-20-3
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	95-47-6
KAFB-106135-350	SV135-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.08	95-63-6
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	100-41-4
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	100-42-5
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	106-93-4
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	106-99-0
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	107-06-2
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	108-10-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	108-67-8
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	108-88-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	109-99-9
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	110-54-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	110-82-7
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	115-07-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	120-82-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	123-91-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	124-48-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	123-91-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	124-48-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	127-18-4
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	1330-20-7
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	141-78-6
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	142-82-5
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	179601-23-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	56-23-5
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	591-78-6
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	64-17-5
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	67-63-0
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	67-64-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	67-66-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	71-43-2
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	74-87-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-00-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-01-4
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-09-2
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-15-0
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-25-2
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-27-4
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-34-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-69-4
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	75-71-8
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	76-13-1
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	78-93-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	79-01-6
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	91-20-3
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	95-47-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106135-450	SV135-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.58	95-63-6
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	100-41-4
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	100-42-5
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	106-93-4
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	106-99-0
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	107-06-2
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	108-10-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	108-67-8
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	108-88-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	109-99-9
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	110-54-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	110-82-7
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	115-07-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	120-82-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	123-91-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	124-48-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	127-18-4
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	1330-20-7
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	141-78-6
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	142-82-5
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	179601-23-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	56-23-5
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	591-78-6
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	64-17-5
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	67-63-0
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	67-64-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	67-66-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	71-43-2
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	74-87-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-00-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-01-4
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-09-2
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-15-0
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-25-2
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-27-4
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-34-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-69-4
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	75-71-8
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	76-13-1
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	78-93-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	79-01-6
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	91-20-3
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	95-47-6
KAFB-106137-025	SV137-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.35	95-63-6
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	100-41-4
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	100-42-5
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	106-93-4
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	106-99-0
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	107-06-2
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	108-10-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	108-67-8
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	108-88-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	109-99-9
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	110-54-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	115-07-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	120-82-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	123-91-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	124-48-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	127-18-4
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	1330-20-7
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	141-78-6
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	142-82-5
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	179601-23-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	56-23-5
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	591-78-6
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	64-17-5
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	67-63-0
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	67-64-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	67-66-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	71-43-2
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	74-87-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-00-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-01-4
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-09-2
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-15-0
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-25-2
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-27-4
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-34-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-69-4
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	75-71-8
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	76-13-1
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	78-93-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	79-01-6
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	91-20-3
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	95-47-6
KAFB-106137-050	SV137-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.85	95-63-6
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	100-41-4
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	100-42-5
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	106-93-4
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	106-99-0
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	107-06-2
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-10-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-67-8
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-88-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	109-99-9
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	110-54-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	110-82-7
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	115-07-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	120-82-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	123-91-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	124-48-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	127-18-4
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	1330-20-7
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	141-78-6
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	142-82-5
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	179601-23-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	56-23-5
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	591-78-6
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	64-17-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-63-0
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-64-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-66-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	71-43-2
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	74-87-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-00-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-01-4
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-09-2
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-15-0
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-25-2
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-27-4
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-34-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-69-4
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-71-8
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	76-13-1
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	78-93-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	79-01-6
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	91-20-3
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	95-47-6
KAFB-106137-150	SV137-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	95-63-6
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	100-41-4
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	100-42-5
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	106-93-4
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	106-99-0
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	107-06-2
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	108-10-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	108-67-8
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	108-88-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	109-99-9
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	110-54-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	110-82-7
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	115-07-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	120-82-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	123-91-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	124-48-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	127-18-4
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	1330-20-7
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	141-78-6
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	142-82-5
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	179601-23-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	56-23-5
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	591-78-6
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	64-17-5
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	67-63-0
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	67-64-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	67-66-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	71-43-2
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	74-87-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-00-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-01-4
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-09-2
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-15-0
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-25-2
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-27-4
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-34-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-69-4
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	75-71-8
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	76-13-1
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	78-93-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	79-01-6
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	91-20-3
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	95-47-6
KAFB-106137-250	SV137-250-212	4/12/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.25	95-63-6
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	100-41-4
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	100-42-5
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	106-93-4
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	106-99-0
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	107-06-2
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	108-10-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	108-67-8
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	108-88-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	109-99-9
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	110-54-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	110-82-7
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	115-07-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	120-82-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	123-91-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	124-48-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	127-18-4
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	1330-20-7
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	141-78-6
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	142-82-5
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	179601-23-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	56-23-5
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	591-78-6
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	64-17-5
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	67-63-0
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	67-64-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	67-66-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	71-43-2
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	74-87-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-00-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-01-4
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-09-2
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-15-0
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-25-2
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-27-4
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-34-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-69-4
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	75-71-8
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	76-13-1
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	78-93-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	79-01-6
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	91-20-3
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	95-47-6
KAFB-106137-350	SV137-350-212	4/12/2021	N	340.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.63	95-63-6
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	100-41-4
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	100-42-5
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	106-93-4
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	106-99-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	107-06-2
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	108-10-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	108-67-8
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	108-88-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	109-99-9
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	110-54-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	110-82-7
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	115-07-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	120-82-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	123-91-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	124-48-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	127-18-4
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	141-78-6
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	142-82-5
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	179601-23-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	56-23-5
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	591-78-6
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	64-17-5
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	67-63-0
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	67-64-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	67-66-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	71-43-2
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	74-87-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-00-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-01-4
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-09-2
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-15-0
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-25-2
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-27-4
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-34-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-69-4
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	75-71-8
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	76-13-1
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	78-93-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	79-01-6
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	91-20-3
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	95-47-6
KAFB-106137-450	SV137-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	234	95-63-6
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	100-41-4
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	100-42-5
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	106-93-4
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	106-99-0
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	107-06-2
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	108-10-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	108-67-8
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	108-88-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	109-99-9
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	110-54-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	110-82-7
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	115-07-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	120-82-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	123-91-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	124-48-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	127-18-4
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	141-78-6
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	142-82-5
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	179601-23-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	56-23-5
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	591-78-6
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	64-17-5
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	67-63-0
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	67-64-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	67-66-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	71-43-2
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	74-87-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-00-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-01-4
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-09-2
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-15-0
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-25-2
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-27-4
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-34-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-69-4
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	75-71-8
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	76-13-1
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	78-93-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	79-01-6
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	91-20-3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	95-47-6
KAFB-106139-025	SV139-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.43	95-63-6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	100-41-4
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	100-42-5
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	106-93-4
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	106-99-0
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	107-06-2
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	108-10-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	108-67-8
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	108-88-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	109-99-9
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	110-54-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	110-82-7
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	115-07-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	120-82-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	123-91-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	124-48-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	127-18-4
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	1330-20-7
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	141-78-6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	142-82-5
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	179601-23-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	56-23-5
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	591-78-6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	64-17-5
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	67-63-0
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	67-64-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	67-66-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	71-43-2
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	74-87-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-00-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-01-4
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-09-2
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-15-0
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-25-2
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-27-4
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-34-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-69-4
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	75-71-8
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	76-13-1
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	78-93-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	79-01-6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	91-20-3
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	95-47-6
KAFB-106139-050	SV139-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.6	95-63-6
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	100-41-4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	100-42-5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	106-93-4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	106-99-0
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	107-06-2
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	108-10-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	108-67-8
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	108-88-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	109-99-9
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	110-54-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	110-82-7
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	115-07-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	120-82-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	123-91-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	124-48-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	127-18-4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	1330-20-7
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	141-78-6
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	142-82-5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	179601-23-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	56-23-5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	591-78-6
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	64-17-5
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	67-63-0
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	67-64-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	67-66-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	71-43-2
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	74-87-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-00-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-01-4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-09-2
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-15-0
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-25-2
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-27-4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-34-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-69-4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	75-71-8
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	76-13-1
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	78-93-3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	79-01-6
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	95-47-6
KAFB-106139-050	SV139-050-612	4/12/2021	FD	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.48	95-63-6
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	100-41-4
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	100-42-5
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	106-93-4
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	106-99-0
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	107-06-2
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	108-10-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	108-67-8
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	108-88-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	109-99-9
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	110-54-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	110-82-7
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	115-07-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	120-82-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	123-91-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	124-48-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	127-18-4
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	1330-20-7
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	141-78-6
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	142-82-5
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	179601-23-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	56-23-5
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	591-78-6
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	64-17-5
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	67-63-0
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	67-64-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	67-66-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	71-43-2
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	74-87-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-00-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-01-4
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-09-2
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-15-0
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-25-2
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-27-4
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-34-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-69-4
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	75-71-8
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	76-13-1
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	78-93-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	79-01-6
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	91-20-3
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	95-47-6
KAFB-106139-150	SV139-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	41	95-63-6
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	100-41-4
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	100-42-5
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	106-93-4
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	106-99-0
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	107-06-2
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	108-10-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	108-67-8
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	108-88-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	109-99-9
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	110-54-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	110-82-7
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	115-07-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	120-82-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	123-91-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	124-48-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	127-18-4
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	1330-20-7
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	141-78-6
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	142-82-5
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	179601-23-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	56-23-5
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	591-78-6
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	64-17-5
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	67-63-0
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	67-64-1
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	71-43-2
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	74-87-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-00-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-01-4
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-09-2
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-15-0
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-25-2
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-27-4
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-34-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-69-4
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	75-71-8
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	78-93-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	79-01-6
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	91-20-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	95-47-6
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.38	95-63-6
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	43.8	67-66-3
KAFB-106139-350	SV139-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	43.8	76-13-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	100-41-4
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	100-42-5
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	106-93-4
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	106-99-0
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	107-06-2
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	108-10-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	108-67-8
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	108-88-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	109-99-9
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	110-54-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	110-82-7
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	115-07-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	120-82-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	123-91-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	124-48-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	127-18-4
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	1330-20-7
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	141-78-6
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	142-82-5
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	179601-23-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	56-23-5
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	591-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	64-17-5
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	67-63-0
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	67-64-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	67-66-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	71-43-2
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	74-87-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-00-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-01-4
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-09-2
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-15-0
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-25-2
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-27-4
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-34-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-69-4
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	75-71-8
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	76-13-1
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	78-93-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	79-01-6
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	91-20-3
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	95-47-6
KAFB-106139-450	SV139-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.83	95-63-6
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	100-41-4
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	100-42-5
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	106-93-4
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	106-99-0
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	107-06-2
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	108-10-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	108-67-8
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	108-88-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	109-99-9
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	110-54-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	110-82-7
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	115-07-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	120-82-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	123-91-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	124-48-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	127-18-4
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	1330-20-7
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	141-78-6
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	142-82-5
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	179601-23-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	56-23-5
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	591-78-6
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	64-17-5
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	67-63-0
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	67-64-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	67-66-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	71-43-2
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	74-87-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-00-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-01-4
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-09-2
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-15-0
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-25-2
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-34-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-69-4
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	75-71-8
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	76-13-1
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	78-93-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	79-01-6
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	91-20-3
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	95-47-6
KAFB-106140-025	SV140-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.28	95-63-6
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	100-41-4
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	100-42-5
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	106-93-4
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	106-99-0
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	107-06-2
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	108-10-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	108-67-8
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	108-88-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	109-99-9
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	110-54-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	110-82-7
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	115-07-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	120-82-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	123-91-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	124-48-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	127-18-4
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	1330-20-7
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	141-78-6
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	142-82-5
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	179601-23-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	56-23-5
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	591-78-6
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	64-17-5
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	67-63-0
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	67-64-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	67-66-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	71-43-2
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	74-87-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-00-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-01-4
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-09-2
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-15-0
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-25-2
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-27-4
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-34-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-69-4
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	75-71-8
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	76-13-1
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	78-93-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	79-01-6
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	91-20-3
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	95-47-6
KAFB-106140-050	SV140-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.75	95-63-6
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	100-41-4
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	100-42-5
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	106-99-0
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	107-06-2
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-10-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-67-8
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	108-88-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	109-99-9
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	110-54-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	110-82-7
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	115-07-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	120-82-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	123-91-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	124-48-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	127-18-4
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	1330-20-7
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	141-78-6
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	142-82-5
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	179601-23-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	56-23-5
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	591-78-6
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	64-17-5
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-63-0
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-64-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	67-66-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	71-43-2
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	74-87-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-00-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-01-4
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-09-2
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-15-0
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-25-2
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-27-4
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-34-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-69-4
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	75-71-8
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	76-13-1
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	78-93-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	79-01-6
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	91-20-3
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	95-47-6
KAFB-106140-150	SV140-150-212	4/12/2021	N	141.8 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.83	95-63-6
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	100-41-4
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	100-42-5
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	106-93-4
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	106-99-0
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	107-06-2
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	108-10-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	108-67-8
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	108-88-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	109-99-9
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	110-54-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	110-82-7
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	115-07-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	120-82-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	123-91-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	127-18-4
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	1330-20-7
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	141-78-6
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	142-82-5
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	179601-23-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	56-23-5
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	591-78-6
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	64-17-5
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	67-63-0
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	67-64-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	67-66-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	71-43-2
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	74-87-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-00-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-01-4
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-09-2
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-15-0
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-25-2
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-27-4
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-34-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-69-4
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	75-71-8
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	76-13-1
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	78-93-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	79-01-6
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	91-20-3
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	95-47-6
KAFB-106140-250	SV140-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.45	95-63-6
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	100-41-4
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	100-42-5
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	106-93-4
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	106-99-0
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	107-06-2
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	108-10-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	108-67-8
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	108-88-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	109-99-9
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	110-54-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	110-82-7
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	115-07-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	120-82-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	123-91-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	124-48-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	127-18-4
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	1330-20-7
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	141-78-6
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	142-82-5
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	179601-23-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	56-23-5
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	591-78-6
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	64-17-5
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	67-63-0
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	67-64-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	67-66-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	74-87-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-00-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-01-4
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-09-2
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-15-0
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-25-2
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-27-4
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-34-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-69-4
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	75-71-8
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	76-13-1
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	78-93-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	79-01-6
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	91-20-3
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	95-47-6
KAFB-106140-350	SV140-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.55	95-63-6
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	100-41-4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	100-42-5
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	106-93-4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	106-99-0
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	107-06-2
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	108-10-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	108-67-8
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	108-88-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	109-99-9
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	110-54-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	110-82-7
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	115-07-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	120-82-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	123-91-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	124-48-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	127-18-4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	1330-20-7
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	141-78-6
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	142-82-5
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	179601-23-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	56-23-5
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	591-78-6
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	64-17-5
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	67-63-0
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	67-64-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	67-66-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	71-43-2
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	74-87-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-00-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-01-4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-09-2
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-15-0
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-25-2
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-27-4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-34-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-69-4
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	75-71-8
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	76-13-1
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	78-93-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	79-01-6
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	91-20-3
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	95-47-6
KAFB-106140-450	SV140-450-212	4/12/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	10.4	95-63-6
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	100-41-4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	100-42-5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	106-93-4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	106-99-0
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	107-06-2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	108-10-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	108-67-8
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	108-88-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	109-99-9
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	110-54-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	110-82-7
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	115-07-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	120-82-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	123-91-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	124-48-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	127-18-4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	1330-20-7
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	141-78-6
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	142-82-5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	179601-23-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	56-23-5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	591-78-6
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	64-17-5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	67-63-0
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	67-64-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	67-66-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	71-43-2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	74-87-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-00-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-01-4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-09-2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-15-0
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-25-2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-27-4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-34-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-69-4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	75-71-8
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	76-13-1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	78-93-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	79-01-6
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	91-20-3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	95-47-6
KAFB-106140-450	SV140-450-612	4/12/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	11	95-63-6
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	100-41-4
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	100-42-5
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	106-93-4
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	106-99-0
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	107-06-2
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	108-10-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	108-67-8
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	109-99-9
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	110-54-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	110-82-7
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	115-07-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	120-82-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	123-91-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	124-48-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	127-18-4
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	1330-20-7
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	141-78-6
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	142-82-5
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	179601-23-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	56-23-5
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	591-78-6
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	64-17-5
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	67-63-0
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	67-64-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	67-66-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	71-43-2
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	74-87-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-00-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-01-4
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-09-2
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-15-0
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-25-2
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-27-4
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-34-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-69-4
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	75-71-8
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	76-13-1
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	78-93-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	79-01-6
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	91-20-3
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	95-47-6
SVMW-14-150	SV14-150-212	4/13/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.73	95-63-6
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	100-41-4
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	100-42-5
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	106-93-4
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	106-99-0
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	107-06-2
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	108-10-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	108-67-8
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	108-88-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	109-99-9
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	110-54-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	110-82-7
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	115-07-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	120-82-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	123-91-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	124-48-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	127-18-4
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	1330-20-7
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	141-78-6
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	142-82-5
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	56-23-5
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	591-78-6
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	64-17-5
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	67-63-0
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	67-64-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	67-66-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	71-43-2
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	74-87-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-00-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-01-4
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-09-2
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-15-0
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-25-2
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-27-4
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-34-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-69-4
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-71-8
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	76-13-1
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	78-93-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	79-01-6
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	91-20-3
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	95-47-6
SVMW-14-250	SV14-250-212	4/13/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	95-63-6
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	100-41-4
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	100-42-5
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	106-93-4
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	106-99-0
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	107-06-2
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	108-10-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	108-67-8
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	108-88-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	109-99-9
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	110-54-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	110-82-7
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	115-07-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	120-82-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	123-91-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	124-48-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	127-18-4
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	1330-20-7
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	141-78-6
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	142-82-5
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	179601-23-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	56-23-5
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	591-78-6
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	64-17-5
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	67-63-0
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	67-64-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	67-66-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	71-43-2
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	74-87-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-00-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-01-4
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-09-2
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-15-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-25-2
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-27-4
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-34-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	75-69-4
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	76-13-1
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	78-93-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	79-01-6
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	91-20-3
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	95-47-6
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.05	95-63-6
SVMW-14-350	SV14-350-212	4/13/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	50.5	75-71-8
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	100-41-4
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	100-42-5
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	106-93-4
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	106-99-0
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	107-06-2
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	108-10-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	108-67-8
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	108-88-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	109-99-9
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	110-54-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	110-82-7
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	115-07-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	120-82-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	123-91-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	124-48-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	127-18-4
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	1330-20-7
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	141-78-6
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	142-82-5
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	179601-23-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	56-23-5
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	591-78-6
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	64-17-5
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	67-63-0
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	67-64-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	67-66-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	71-43-2
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	74-87-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-00-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-01-4
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-09-2
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-15-0
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-25-2
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-27-4
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-34-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-69-4
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	75-71-8
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	76-13-1
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	78-93-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	79-01-6
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	91-20-3
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	95-47-6
SVMW-14-450	SV14-450-212	4/13/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.75	95-63-6
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	100-42-5
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	106-93-4
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	106-99-0
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	107-06-2
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	108-10-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	108-67-8
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	108-88-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	109-99-9
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	110-54-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	110-82-7
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	115-07-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	120-82-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	123-91-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	124-48-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	127-18-4
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	1330-20-7
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	141-78-6
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	142-82-5
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	179601-23-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	56-23-5
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	591-78-6
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	64-17-5
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	67-63-0
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	67-64-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	67-66-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	71-43-2
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	74-87-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-00-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-01-4
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-09-2
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-15-0
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-25-2
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-27-4
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-34-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-69-4
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	75-71-8
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	76-13-1
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	78-93-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	79-01-6
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	91-20-3
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	95-47-6
SVMW-14-450	SV14-450-612	4/13/2021	FD	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	4.68	95-63-6
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	100-41-4
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	100-42-5
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	106-93-4
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	106-99-0
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	107-06-2
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	108-10-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	108-67-8
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	108-88-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	109-99-9
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	110-54-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	110-82-7
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	115-07-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	123-91-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	124-48-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	127-18-4
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	1330-20-7
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	141-78-6
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	142-82-5
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	179601-23-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	56-23-5
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	591-78-6
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	64-17-5
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	67-63-0
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	67-64-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	67-66-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	71-43-2
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	74-87-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-00-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-01-4
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-09-2
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-15-0
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-25-2
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-27-4
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-34-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	75-69-4
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	76-13-1
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	78-93-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	79-01-6
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	91-20-3
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	95-47-6
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	5.98	95-63-6
SVEW-12-410	SVE12-410-212	4/13/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102163	59.8	75-71-8
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	100-41-4
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	100-42-5
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	106-93-4
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	106-99-0
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	107-06-2
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	108-10-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	108-67-8
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	108-88-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	109-99-9
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	110-54-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	110-82-7
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	115-07-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	120-82-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	123-91-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	124-48-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	127-18-4
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	1330-20-7
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	141-78-6
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	142-82-5
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	179601-23-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	56-23-5
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	591-78-6
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	64-17-5
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	67-63-0
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	67-64-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	67-66-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	71-43-2
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	74-87-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-00-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-01-4
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-09-2
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-15-0
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-25-2
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-27-4
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-34-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-69-4
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	75-71-8
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	76-13-1
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	78-93-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	79-01-6
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	91-20-3
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	95-47-6
KAFB-106115-250	SV115-250-212	4/13/2021	N	239.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.28	95-63-6
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	100-41-4
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	100-42-5
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	106-93-4
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	106-99-0
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	107-06-2
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	108-10-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	108-67-8
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	108-88-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	109-99-9
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	110-54-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	110-82-7
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	115-07-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	120-82-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	123-91-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	124-48-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	127-18-4
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	1330-20-7
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	141-78-6
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	142-82-5
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	179601-23-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	56-23-5
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	591-78-6
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	64-17-5
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	67-63-0
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	67-64-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	67-66-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	71-43-2
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	74-87-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-00-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-01-4
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-09-2
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-15-0
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-25-2
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-27-4
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-34-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-69-4
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-71-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	76-13-1
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	78-93-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	79-01-6
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	91-20-3
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	95-47-6
KAFB-106115-350	SV115-350-212	4/13/2021	N	339.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	95-63-6
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	100-41-4
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	100-42-5
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	106-93-4
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	106-99-0
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	107-06-2
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	108-10-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	108-67-8
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	108-88-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	109-99-9
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	110-54-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	110-82-7
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	115-07-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	120-82-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	123-91-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	124-48-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	127-18-4
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	1330-20-7
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	141-78-6
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	142-82-5
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	179601-23-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	56-23-5
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	591-78-6
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	64-17-5
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	67-63-0
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	67-64-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	67-66-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	71-43-2
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	74-87-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-00-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-01-4
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-09-2
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-15-0
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-25-2
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-27-4
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-34-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-69-4
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	75-71-8
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	76-13-1
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	78-93-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	79-01-6
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	91-20-3
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	95-47-6
KAFB-106115-450	SV115-450-212	4/13/2021	N	439.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	497	95-63-6
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	100-41-4
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	100-42-5
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	106-93-4
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	106-99-0
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	107-06-2
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	108-10-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	108-67-8
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	108-88-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	109-99-9
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	110-54-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	110-82-7
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	115-07-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	120-82-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	123-91-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	124-48-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	127-18-4
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	1330-20-7
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	141-78-6
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	142-82-5
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	179601-23-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	56-23-5
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	591-78-6
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	64-17-5
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	67-63-0
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	67-64-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	67-66-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	71-43-2
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	74-87-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-00-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-01-4
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-09-2
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-15-0
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-25-2
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-27-4
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-34-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-69-4
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	75-71-8
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	76-13-1
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	78-93-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	79-01-6
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	91-20-3
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	95-47-6
KAFB-106120-025	SV120-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.15	95-63-6
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	41.8	67-66-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	100-41-4
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	100-42-5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	106-93-4
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	106-99-0
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	107-06-2
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	108-10-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	108-67-8
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	108-88-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	109-99-9
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	110-54-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	110-82-7
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	115-07-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	120-82-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	123-91-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	124-48-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	127-18-4
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	141-78-6
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	142-82-5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	179601-23-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	56-23-5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	591-78-6
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	64-17-5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	67-63-0
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	67-64-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	71-43-2
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	74-87-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-00-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-01-4
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-09-2
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-15-0
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-25-2
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-27-4
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-34-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-69-4
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	75-71-8
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	76-13-1
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	78-93-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	79-01-6
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	91-20-3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	95-47-6
KAFB-106120-025	SV120-025-612	4/12/2021	FD	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.18	95-63-6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	46	67-66-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	100-41-4
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	100-42-5
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	106-93-4
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	106-99-0
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	107-06-2
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	108-10-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	108-67-8
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	108-88-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	109-99-9
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	110-54-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	110-82-7
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	115-07-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	120-82-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	123-91-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	124-48-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	127-18-4
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	1330-20-7
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	141-78-6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	142-82-5
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	179601-23-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	56-23-5
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	591-78-6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	64-17-5
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	67-63-0
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	67-64-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	71-43-2
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	74-87-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-00-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-01-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-09-2
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-15-0
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-25-2
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-27-4
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-34-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-69-4
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-71-8
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	76-13-1
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	78-93-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	79-01-6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	91-20-3
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	95-47-6
KAFB-106120-050	SV120-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	95-63-6
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	100-41-4
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	100-42-5
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	106-93-4
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	106-99-0
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	107-06-2
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	108-10-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	108-67-8
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	108-88-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	109-99-9
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	110-54-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	110-82-7
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	115-07-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	120-82-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	123-91-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	124-48-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	123-91-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	124-48-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	127-18-4
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	1330-20-7
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	141-78-6
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	142-82-5
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	179601-23-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	56-23-5
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	591-78-6
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	64-17-5
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	67-63-0
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	67-64-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	67-66-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	71-43-2
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	74-87-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-00-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-01-4
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-09-2
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-15-0
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-25-2
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-27-4
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-34-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-69-4
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	75-71-8
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	76-13-1
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	78-93-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	79-01-6
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	91-20-3
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	95-47-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106120-150	SV120-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.63	95-63-6
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	100-41-4
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	100-42-5
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	106-93-4
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	106-99-0
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	107-06-2
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	108-10-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	108-67-8
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	108-88-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	109-99-9
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	110-54-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	110-82-7
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	115-07-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	120-82-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	123-91-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	124-48-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	127-18-4
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	1330-20-7
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	141-78-6
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	142-82-5
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	179601-23-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	56-23-5
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	591-78-6
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	64-17-5
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	67-63-0
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	67-64-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	67-66-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	71-43-2
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	74-87-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-00-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-01-4
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-09-2
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-15-0
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-25-2
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-27-4
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-34-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-69-4
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-71-8
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	76-13-1
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	78-93-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	79-01-6
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	91-20-3
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	95-47-6
KAFB-106120-250	SV120-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	95-63-6
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	100-41-4
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	100-42-5
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	106-93-4
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	106-99-0
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	107-06-2
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	108-10-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	108-67-8
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	108-88-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	109-99-9
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	110-54-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	115-07-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	120-82-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	123-91-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	124-48-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	127-18-4
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	1330-20-7
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	141-78-6
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	142-82-5
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	179601-23-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	56-23-5
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	591-78-6
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	64-17-5
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	67-63-0
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	67-64-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	67-66-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	71-43-2
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	74-87-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-00-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-01-4
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-09-2
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-15-0
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-25-2
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-27-4
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-34-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-69-4
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	75-71-8
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	76-13-1
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	78-93-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	79-01-6
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	91-20-3
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	95-47-6
KAFB-106120-350	SV120-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	13.5	95-63-6
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	100-41-4
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	100-42-5
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	106-93-4
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	106-99-0
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	107-06-2
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	108-10-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	108-67-8
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	108-88-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	109-99-9
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	110-54-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	110-82-7
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	115-07-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	120-82-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	123-91-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	124-48-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	127-18-4
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	1330-20-7
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	141-78-6
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	142-82-5
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	179601-23-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	56-23-5
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	591-78-6
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	64-17-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	67-63-0
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	67-64-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	67-66-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	71-43-2
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	74-87-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-00-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-01-4
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-09-2
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-15-0
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-25-2
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-27-4
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-34-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-69-4
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	75-71-8
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	76-13-1
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	78-93-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	79-01-6
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	91-20-3
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	95-47-6
KAFB-106120-450	SV120-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	147	95-63-6
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	100-41-4
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	100-42-5
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	106-93-4
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	106-99-0
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	107-06-2
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	108-10-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	108-67-8
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	108-88-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	109-99-9
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	110-54-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	110-82-7
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	115-07-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	120-82-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	123-91-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	124-48-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	127-18-4
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	1330-20-7
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	141-78-6
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	142-82-5
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	179601-23-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	56-23-5
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	591-78-6
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	64-17-5
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	67-63-0
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	67-64-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	67-66-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	71-43-2
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	74-87-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-00-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-01-4
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-09-2
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-15-0
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-25-2
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-27-4
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-34-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-69-4
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	75-71-8
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	76-13-1
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	78-93-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	79-01-6
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	91-20-3
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	95-47-6
KAFB-106121-025	SV121-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.35	95-63-6
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	100-41-4
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	100-42-5
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	106-93-4
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	106-99-0
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	107-06-2
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	108-10-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	108-67-8
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	108-88-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	109-99-9
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	110-54-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	110-82-7
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	115-07-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	120-82-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	123-91-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	124-48-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	127-18-4
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	1330-20-7
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	141-78-6
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	142-82-5
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	179601-23-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	56-23-5
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	591-78-6
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	64-17-5
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	67-63-0
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	67-64-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	67-66-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	71-43-2
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	74-87-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-00-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-01-4
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-09-2
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-15-0
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-25-2
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-27-4
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-34-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-69-4
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	75-71-8
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	76-13-1
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	78-93-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	79-01-6
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	91-20-3
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	95-47-6
KAFB-106121-050	SV121-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	6.52	95-63-6
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	100-41-4
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	100-42-5
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	106-93-4
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	106-99-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	107-06-2
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	108-10-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	108-67-8
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	108-88-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	109-99-9
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	110-54-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	110-82-7
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	115-07-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	120-82-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	123-91-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	124-48-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	127-18-4
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	1330-20-7
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	141-78-6
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	142-82-5
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	179601-23-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	56-23-5
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	591-78-6
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	64-17-5
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	67-63-0
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	67-64-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	67-66-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	71-43-2
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	74-87-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-00-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-01-4
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-09-2
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-15-0
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-25-2
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-27-4
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-34-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-69-4
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	75-71-8
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	76-13-1
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	78-93-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	79-01-6
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	91-20-3
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	95-47-6
KAFB-106121-145	SV121-145-212	4/12/2021	N	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.23	95-63-6
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	100-41-4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	100-42-5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	106-93-4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	106-99-0
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	107-06-2
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	108-10-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	108-67-8
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	108-88-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	109-99-9
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	110-54-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	110-82-7
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	115-07-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	120-82-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	123-91-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	124-48-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	127-18-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	1330-20-7
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	141-78-6
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	142-82-5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	179601-23-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	56-23-5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	591-78-6
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	64-17-5
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	67-63-0
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	67-64-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	67-66-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	71-43-2
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	74-87-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-00-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-01-4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-09-2
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-15-0
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-25-2
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-27-4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-34-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-69-4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	75-71-8
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	76-13-1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	78-93-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	79-01-6
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	91-20-3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	95-47-6
KAFB-106121-145	SV121-145-612	4/12/2021	FD	135 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5.1	95-63-6
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	100-41-4
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	100-42-5
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	106-93-4
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	106-99-0
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	107-06-2
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	108-10-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	108-67-8
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	108-88-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	109-99-9
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	110-54-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	110-82-7
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	115-07-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	120-82-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	123-91-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	124-48-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	127-18-4
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	1330-20-7
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	141-78-6
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	142-82-5
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	179601-23-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	56-23-5
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	591-78-6
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	64-17-5
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	67-63-0
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	67-64-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	67-66-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	71-43-2
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	74-87-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-00-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-01-4
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-09-2
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-15-0
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-25-2
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-27-4
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-34-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-69-4
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-71-8
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	76-13-1
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	78-93-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	79-01-6
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	91-20-3
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	95-47-6
KAFB-106121-250	SV121-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	95-63-6
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	100-41-4
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	100-42-5
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	106-93-4
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	106-99-0
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	107-06-2
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	108-10-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	108-67-8
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	108-88-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	109-99-9
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	110-54-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	110-82-7
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	115-07-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	120-82-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	123-91-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	124-48-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	127-18-4
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	1330-20-7
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	141-78-6
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	142-82-5
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	179601-23-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	56-23-5
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	591-78-6
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	64-17-5
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	67-63-0
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	67-64-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	67-66-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	71-43-2
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	74-87-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-00-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-01-4
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-09-2
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-15-0
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-25-2
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-27-4
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-34-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-69-4
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	75-71-8
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	76-13-1
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	78-93-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	79-01-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	91-20-3
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	95-47-6
KAFB-106121-350	SV121-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.48	95-63-6
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	100-41-4
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	100-42-5
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	106-93-4
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	106-99-0
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	107-06-2
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	108-10-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	108-67-8
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	108-88-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	109-99-9
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	110-54-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	110-82-7
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	115-07-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	120-82-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	123-91-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	124-48-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	127-18-4
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	1330-20-7
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	141-78-6
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	142-82-5
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	179601-23-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	56-23-5
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	591-78-6
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	64-17-5
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	67-63-0
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	67-64-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	67-66-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	71-43-2
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	74-87-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-00-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-01-4
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-09-2
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-15-0
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-25-2
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-27-4
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-34-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-69-4
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	75-71-8
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	76-13-1
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	78-93-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	79-01-6
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	91-20-3
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	95-47-6
KAFB-106121-450	SV121-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	5	95-63-6
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	100-41-4
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	100-42-5
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	106-93-4
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	106-99-0
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	107-06-2
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	108-10-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	108-67-8
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	108-88-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	109-99-9

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	110-54-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	110-82-7
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	115-07-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	120-82-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	123-91-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	124-48-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	127-18-4
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	1330-20-7
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	141-78-6
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	142-82-5
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	179601-23-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	56-23-5
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	591-78-6
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	64-17-5
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	67-63-0
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	67-64-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	67-66-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	71-43-2
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	74-87-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-00-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-01-4
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-09-2
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-15-0
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-25-2
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-27-4
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-34-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-69-4
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	75-71-8
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	76-13-1
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	78-93-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	79-01-6
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	91-20-3
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	95-47-6
KAFB-106122-025	SV122-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.65	95-63-6
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	100-41-4
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	100-42-5
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	106-93-4
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	106-99-0
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	107-06-2
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	108-10-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	108-67-8
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	108-88-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	109-99-9
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	110-54-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	110-82-7
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	115-07-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	120-82-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	123-91-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	124-48-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	127-18-4
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	1330-20-7
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	141-78-6
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	142-82-5
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	179601-23-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	56-23-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	591-78-6
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	64-17-5
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	67-63-0
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	67-64-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	67-66-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	71-43-2
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	74-87-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-00-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-01-4
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-09-2
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-15-0
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-25-2
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-27-4
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-34-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-69-4
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	75-71-8
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	76-13-1
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	78-93-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	79-01-6
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	91-20-3
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	95-47-6
KAFB-106122-050	SV122-050-212	4/12/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.95	95-63-6
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	100-41-4
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	100-42-5
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	106-93-4
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	106-99-0
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	107-06-2
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	108-10-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	108-67-8
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	108-88-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	109-99-9
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	110-54-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	110-82-7
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	115-07-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	120-82-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	123-91-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	124-48-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	127-18-4
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	1330-20-7
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	141-78-6
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	142-82-5
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	179601-23-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	56-23-5
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	591-78-6
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	64-17-5
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	67-63-0
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	67-64-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	67-66-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	71-43-2
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	74-87-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-00-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-01-4
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-09-2
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-15-0
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-25-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-27-4
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-34-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-69-4
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	75-71-8
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	76-13-1
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	78-93-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	79-01-6
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	91-20-3
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	95-47-6
KAFB-106122-150	SV122-150-212	4/12/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.78	95-63-6
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	100-41-4
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	100-42-5
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	106-93-4
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	106-99-0
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	107-06-2
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	108-10-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	108-67-8
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	108-88-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	109-99-9
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	110-54-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	110-82-7
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	115-07-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	120-82-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	123-91-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	124-48-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	127-18-4
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	1330-20-7
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	141-78-6
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	142-82-5
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	179601-23-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	56-23-5
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	591-78-6
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	64-17-5
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	67-63-0
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	67-64-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	67-66-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	71-43-2
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	74-87-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-00-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-01-4
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-09-2
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-15-0
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-25-2
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-27-4
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-34-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-69-4
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	75-71-8
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	76-13-1
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	78-93-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	79-01-6
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	91-20-3
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	95-47-6
KAFB-106122-250	SV122-250-212	4/12/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.93	95-63-6
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	100-41-4
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	100-42-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	106-93-4
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	106-99-0
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	107-06-2
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	108-10-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	108-67-8
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	108-88-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	109-99-9
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	110-54-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	110-82-7
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	115-07-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	120-82-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	123-91-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	124-48-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	127-18-4
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	1330-20-7
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	141-78-6
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	142-82-5
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	179601-23-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	56-23-5
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	591-78-6
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	64-17-5
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	67-63-0
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	67-64-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	67-66-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	71-43-2
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	74-87-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-00-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-01-4
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-09-2
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-15-0
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-25-2
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-27-4
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-34-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-69-4
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	75-71-8
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	76-13-1
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	78-93-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	79-01-6
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	91-20-3
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	95-47-6
KAFB-106122-350	SV122-350-212	4/12/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.75	95-63-6
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	100-41-4
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	100-42-5
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	106-93-4
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	106-99-0
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	107-06-2
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	108-10-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	108-67-8
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	108-88-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	109-99-9
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	110-54-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	110-82-7
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	115-07-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	120-82-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	123-91-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	124-48-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	127-18-4
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	1330-20-7
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	141-78-6
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	142-82-5
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	179601-23-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	56-23-5
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	591-78-6
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	64-17-5
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	67-63-0
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	67-64-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	67-66-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	71-43-2
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	74-87-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-00-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-01-4
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-09-2
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-15-0
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-25-2
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-27-4
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-34-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-69-4
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	75-71-8
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	76-13-1
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	78-93-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	79-01-6
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	91-20-3
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	95-47-6
KAFB-106122-450	SV122-450-212	4/12/2021	N	434 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	97	95-63-6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	100-41-4
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	100-42-5
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	106-93-4
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	106-99-0
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	107-06-2
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	108-10-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	108-67-8
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	108-88-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	109-99-9
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	110-54-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	110-82-7
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	115-07-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	120-82-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	123-91-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	124-48-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	127-18-4
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	1330-20-7
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	141-78-6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	142-82-5
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	179601-23-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	56-23-5
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	591-78-6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	64-17-5
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	67-63-0
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	67-64-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	74-87-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-00-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-01-4
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-09-2
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-15-0
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-25-2
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-27-4
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-34-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-69-4
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	75-71-8
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	76-13-1
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	78-93-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	79-01-6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	91-20-3
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	95-47-6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	4.6	95-63-6
KAFB-106123-025	SV123-025-212	4/12/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102031	46	67-66-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	100-41-4
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	100-42-5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	106-93-4
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	106-99-0
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	107-06-2
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	108-10-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	108-67-8
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	108-88-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	109-99-9
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	110-54-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	110-82-7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	115-07-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	120-82-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	123-91-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	124-48-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	127-18-4
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	1330-20-7
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	141-78-6
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	142-82-5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	179601-23-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	56-23-5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	591-78-6
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	64-17-5
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	67-63-0
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	67-64-1
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	67-66-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	71-43-2
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	74-87-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-00-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-01-4
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-09-2
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-15-0
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-25-2
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-27-4
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-34-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-69-4
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	75-71-8
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	78-93-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	79-01-6
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	91-20-3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	95-47-6
KAFB-106V1-160	SV1-160-212	4/20/2021	N	157.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	9900	95-63-6
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	100-41-4
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	100-42-5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	106-93-4
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	106-99-0
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	107-06-2
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	108-10-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	108-67-8
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	108-88-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	109-99-9
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	110-54-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	110-82-7
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	115-07-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	120-82-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	123-91-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	124-48-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	127-18-4
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	1330-20-7
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	141-78-6
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	142-82-5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	179601-23-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	56-23-5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	591-78-6
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	64-17-5
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	67-63-0
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	67-64-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	67-66-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	71-43-2
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	74-87-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-00-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-01-4
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-09-2
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-15-0
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-25-2
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-27-4
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-34-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-69-4
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	75-71-8
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	76-13-1
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	78-93-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	79-01-6
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	91-20-3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	95-47-6
KAFB-106V1-217	SV1-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	34000	95-63-6
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	100-41-4
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	100-42-5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	106-93-4
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	106-99-0
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	107-06-2
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	108-10-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	108-88-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	109-99-9
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	110-54-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	110-82-7
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	115-07-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	120-82-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	123-91-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	124-48-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	127-18-4
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	1330-20-7
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	141-78-6
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	142-82-5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	179601-23-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	56-23-5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	591-78-6
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	64-17-5
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	67-63-0
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	67-64-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	67-66-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	71-43-2
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	74-87-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-00-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-01-4
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-09-2
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-15-0
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-25-2
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-27-4
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-34-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-69-4
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	75-71-8
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	76-13-1
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	78-93-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	79-01-6
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	91-20-3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	95-47-6
KAFB-106V1-252	SV1-252-212	4/20/2021	N	250.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	49300	95-63-6
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	100-41-4
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	100-42-5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	106-93-4
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	106-99-0
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	107-06-2
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	108-10-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	108-67-8
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	108-88-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	109-99-9
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	110-54-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	110-82-7
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	115-07-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	120-82-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	123-91-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	124-48-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	127-18-4
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	1330-20-7
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	141-78-6
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	56-23-5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	591-78-6
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	64-17-5
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	67-63-0
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	67-64-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	67-66-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	71-43-2
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	74-87-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-00-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-01-4
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-09-2
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-15-0
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-25-2
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-27-4
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-34-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-69-4
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	75-71-8
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	76-13-1
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	78-93-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	79-01-6
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	91-20-3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	95-47-6
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	38800	95-63-6
KAFB-106V1-263	SV1-263-212	4/20/2021	N	260.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	77600	142-82-5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	100-41-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	100-42-5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	106-93-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	106-99-0
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	106-93-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	106-99-0
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	107-06-2
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	108-10-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	108-67-8
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	108-88-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	109-99-9
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	110-82-7
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	115-07-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	120-82-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	123-91-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	124-48-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	127-18-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	1330-20-7
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	141-78-6
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	179601-23-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	56-23-5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	591-78-6
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	64-17-5
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	67-63-0
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	67-64-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	67-66-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	71-43-2
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	74-87-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-00-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-01-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-09-2
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-15-0
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-25-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-27-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-34-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-69-4
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	75-71-8
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	76-13-1
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	78-93-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	79-01-6
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	91-20-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	95-47-6
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	42000	95-63-6
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	84000	110-54-3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	100.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	84000	142-82-5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	100-41-4
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	100-42-5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	106-93-4
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	106-99-0
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	107-06-2
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	108-10-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	108-67-8
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	108-88-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	109-99-9
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	110-54-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	110-82-7
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	115-07-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	120-82-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	123-91-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	124-48-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	127-18-4
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	1330-20-7
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	141-78-6
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	142-82-5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	179601-23-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	56-23-5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	591-78-6
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	64-17-5
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	67-63-0
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	67-64-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	67-66-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	71-43-2
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	74-87-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-00-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-01-4
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-09-2
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-15-0
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-25-2
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-27-4
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-34-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-69-4
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	75-71-8
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	76-13-1
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	78-93-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	79-01-6
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	91-20-3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	95-47-6
KAFB-106V2-117	SV2-117-212	4/20/2021	N	115.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	80000	95-63-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	100-41-4
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	100-42-5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	106-93-4
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	106-99-0
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	107-06-2
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	108-10-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	108-67-8
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	108-88-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	109-99-9
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	110-54-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	110-82-7
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	115-07-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	120-82-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	123-91-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	124-48-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	127-18-4
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	1330-20-7
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	141-78-6
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	179601-23-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	56-23-5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	591-78-6
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	64-17-5
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	67-63-0
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	67-64-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	67-66-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	71-43-2
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	74-87-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-00-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-01-4
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-09-2
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-15-0
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-25-2
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-27-4
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-34-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-69-4
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	75-71-8
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	76-13-1
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	78-93-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	79-01-6
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	91-20-3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	95-47-6
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	643	95-63-6
KAFB-106V2-160	SV2-160-212	4/20/2021	N	157.9 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	1930	142-82-5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	100-41-4
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	100-42-5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	106-93-4
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	106-99-0
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	107-06-2
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	108-10-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	108-67-8
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	108-88-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	109-99-9
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	110-54-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	110-82-7
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	115-07-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	120-82-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	123-91-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	124-48-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	127-18-4
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	1330-20-7
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	141-78-6
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	142-82-5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	179601-23-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	56-23-5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	591-78-6
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	64-17-5
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	67-63-0
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	67-64-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	67-66-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	71-43-2
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	74-87-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-00-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-01-4
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-09-2
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-15-0
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-25-2
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-27-4
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-34-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-69-4
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	75-71-8
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	76-13-1
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	78-93-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	79-01-6
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	91-20-3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	95-47-6
KAFB-106V2-217	SV2-217-212	4/20/2021	N	215.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	45300	95-63-6
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	100-41-4
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	100-42-5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	106-93-4
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	106-99-0
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	107-06-2
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	108-10-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	108-67-8
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	109-99-9
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	110-54-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	110-82-7
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	115-07-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	120-82-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	123-91-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	124-48-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	127-18-4
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	1330-20-7
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	141-78-6
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	142-82-5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	179601-23-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	56-23-5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	591-78-6
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	64-17-5
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	67-63-0
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	67-64-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	67-66-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	71-43-2
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	74-87-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-00-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-01-4
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-09-2
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-15-0
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-25-2
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-27-4
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-34-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-69-4
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	75-71-8
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	76-13-1
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	78-93-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	79-01-6
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	91-20-3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	95-47-6
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	4630	95-63-6
KAFB-106V2-252	SV2-252-212	4/20/2021	N	250.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	13900	108-88-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	100-41-4
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	100-42-5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	106-93-4
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	106-99-0
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	107-06-2
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	108-10-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	108-67-8
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	109-99-9
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	110-54-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	110-82-7
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	115-07-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	120-82-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	123-91-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	124-48-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	127-18-4
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	1330-20-7
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	141-78-6
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	142-82-5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	179601-23-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	56-23-5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	591-78-6
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	64-17-5
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	67-63-0
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	67-64-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	67-66-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	71-43-2
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	74-87-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-00-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-01-4
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-09-2
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-15-0
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-25-2
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-27-4
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-34-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-69-4
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	75-71-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	76-13-1
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	78-93-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	79-01-6
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	91-20-3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	95-47-6
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	8400	95-63-6
KAFB-106V2-270	SV2-270-212	4/20/2021	N	267.55 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	21000	108-88-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	100-41-4
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	100-42-5
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	106-93-4
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	106-99-0
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	107-06-2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	108-10-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	108-67-8
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	108-88-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	109-99-9
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	110-54-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	110-82-7
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	115-07-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	120-82-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	123-91-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	124-48-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	127-18-4
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	1330-20-7
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	141-78-6
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	142-82-5
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	179601-23-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	56-23-5
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	591-78-6
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	64-17-5
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	67-63-0
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	67-64-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	67-66-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	71-43-2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	74-87-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-00-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-01-4
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-09-2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-15-0
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-25-2
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-27-4
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-34-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-69-4
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	75-71-8
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	76-13-1
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	78-93-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	79-01-6
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	91-20-3
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	95-47-6
SVEW-01-260	SVE01-260-212	4/20/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	14.2	95-63-6
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	100-41-4
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	100-42-5
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	106-93-4
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	106-99-0
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	108-10-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	108-67-8
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	109-99-9
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	110-82-7
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	115-07-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	120-82-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	123-91-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	124-48-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	127-18-4
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	1330-20-7
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	141-78-6
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	179601-23-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	56-23-5
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	591-78-6
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	64-17-5
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	67-63-0
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	67-64-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	67-66-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	71-43-2
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	74-87-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-00-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-01-4
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-09-2
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-15-0
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-25-2
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-27-4
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-34-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-69-4
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	75-71-8
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	76-13-1
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	78-93-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	79-01-6
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	91-20-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	95-47-6
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3580	95-63-6
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	17900	108-88-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	17900	110-54-3
SVEW-02-060	SVE02-060-212	4/20/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	17900	142-82-5
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	100-41-4
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	100-42-5
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	106-93-4
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	106-99-0
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	107-06-2
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	108-10-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	108-67-8
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	108-88-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	109-99-9
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	110-54-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	110-82-7
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	115-07-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	120-82-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	123-91-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	124-48-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	127-18-4
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	141-78-6
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	142-82-5
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	179601-23-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	56-23-5
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	591-78-6
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	64-17-5
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	67-63-0
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	67-64-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	67-66-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	71-43-2
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	74-87-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-00-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-01-4
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-09-2
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-15-0
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-25-2
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-27-4
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-34-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-69-4
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	75-71-8
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	76-13-1
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	78-93-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	79-01-6
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	91-20-3
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	95-47-6
SVEW-03-160	SVE03-160-212	4/20/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	322	95-63-6
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	100-41-4
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	100-42-5
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	106-93-4
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	106-99-0
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	107-06-2
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	108-10-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	108-67-8
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	108-88-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	109-99-9
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	110-54-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	110-82-7
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	115-07-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	120-82-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	123-91-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	124-48-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	127-18-4
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	1330-20-7
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	141-78-6
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	142-82-5
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	179601-23-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	56-23-5
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	591-78-6
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	64-17-5
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	67-63-0
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	67-64-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	67-66-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	71-43-2
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	74-87-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-00-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-01-4
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-09-2
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-15-0
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-25-2
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-27-4
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-34-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-69-4
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	75-71-8
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	76-13-1
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	78-93-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	79-01-6
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	91-20-3
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	95-47-6
SVEW-04-313	SVE04-313-212	4/20/2021	N	298 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	263	95-63-6
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	100-41-4
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	100-42-5
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	106-93-4
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	106-99-0
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	107-06-2
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	108-10-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	108-67-8
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	108-88-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	109-99-9
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	110-54-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	110-82-7
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	115-07-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	120-82-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	123-91-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	123-91-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	124-48-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	127-18-4
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	1330-20-7
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	141-78-6
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	142-82-5
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	179601-23-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	56-23-5
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	591-78-6
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	64-17-5
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	67-63-0
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	67-64-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	67-66-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	71-43-2
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	74-87-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-00-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-01-4
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-09-2
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-15-0
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-25-2
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-27-4
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-34-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-69-4
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	75-71-8
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	76-13-1
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	78-93-3
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	79-01-6
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	95-47-6
SVEW-05-460	SVE05-460-212	4/20/2021	N	445 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	190	95-63-6
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	100-41-4
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	100-42-5
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	106-93-4
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	106-99-0
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	107-06-2
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	108-10-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	108-67-8
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	108-88-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	109-99-9
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	110-54-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	110-82-7
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	115-07-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	120-82-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	123-91-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	124-48-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	127-18-4
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	1330-20-7
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	141-78-6
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	142-82-5
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	179601-23-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	56-23-5
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	591-78-6
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	64-17-5
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	67-63-0
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	67-64-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	67-66-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	71-43-2
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	74-87-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-00-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-01-4
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-09-2
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-15-0
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-25-2
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-27-4
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-34-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-69-4
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	75-71-8
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	76-13-1
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	78-93-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	79-01-6
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	91-20-3
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	95-47-6
SVEW-10-410	SVE10-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	25.7	95-63-6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	100-41-4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	100-42-5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	106-93-4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	106-99-0
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	107-06-2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	108-10-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	108-67-8
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	108-88-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	109-99-9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	110-54-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	110-82-7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	115-07-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	120-82-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	123-91-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	124-48-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	127-18-4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	1330-20-7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	141-78-6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	142-82-5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	179601-23-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	56-23-5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	591-78-6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	64-17-5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	67-63-0
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	67-64-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	67-66-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	71-43-2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	74-87-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-00-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-01-4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-09-2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-15-0
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-25-2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-27-4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-34-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-69-4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	75-71-8
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	76-13-1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	78-93-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	79-01-6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	91-20-3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	95-47-6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	28.6	95-63-6
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	100-41-4
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	100-42-5
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	106-93-4
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	106-99-0
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	107-06-2
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	108-10-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	108-67-8
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	108-88-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	109-99-9
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	110-54-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	110-82-7
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	115-07-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	120-82-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	123-91-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	124-48-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	127-18-4
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	1330-20-7
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	141-78-6
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	142-82-5
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	179601-23-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	56-23-5
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	591-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	64-17-5
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	67-63-0
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	67-64-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	67-66-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	71-43-2
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	74-87-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-00-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-01-4
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-09-2
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-15-0
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-25-2
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-27-4
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-34-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-69-4
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	75-71-8
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	76-13-1
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	78-93-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	79-01-6
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	91-20-3
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	95-47-6
SVEW-11-410	SVE11-410-212	4/20/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	172	95-63-6
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	100-41-4
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	100-42-5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	106-93-4
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	106-99-0
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	107-06-2
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	108-10-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	108-67-8
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	108-88-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	109-99-9
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	110-54-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	110-82-7
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	115-07-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	120-82-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	123-91-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	124-48-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	127-18-4
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	1330-20-7
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	141-78-6
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	142-82-5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	179601-23-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	56-23-5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	591-78-6
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	64-17-5
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	67-63-0
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	67-64-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	67-66-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	71-43-2
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	74-87-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-00-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-01-4
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-09-2
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-15-0
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-25-2
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-34-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-69-4
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	75-71-8
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	76-13-1
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	78-93-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	79-01-6
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	91-20-3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	95-47-6
SVEW-11-410	SVE11-410-612	4/20/2021	FD	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	189	95-63-6
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	100-41-4
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	100-42-5
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	106-93-4
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	106-99-0
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	107-06-2
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	108-10-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	108-67-8
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	108-88-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	109-99-9
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	110-54-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	110-82-7
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	115-07-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	120-82-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	123-91-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	124-48-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	127-18-4
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	1330-20-7
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	141-78-6
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	142-82-5
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	179601-23-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	56-23-5
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	591-78-6
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	64-17-5
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	67-63-0
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	67-64-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	67-66-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	71-43-2
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	74-87-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-00-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-01-4
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-09-2
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-15-0
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-25-2
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-27-4
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-34-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-69-4
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	75-71-8
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	76-13-1
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	78-93-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	79-01-6
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	91-20-3
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	95-47-6
SVEW-13-410	SVE13-410-212	4/19/2021	N	400 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102356	3520	95-63-6
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	100-41-4
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	100-42-5
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	106-99-0
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	107-06-2
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	108-10-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	108-67-8
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	108-88-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	109-99-9
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	110-54-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	110-82-7
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	115-07-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	120-82-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	123-91-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	124-48-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	127-18-4
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	1330-20-7
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	141-78-6
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	142-82-5
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	179601-23-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	56-23-5
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	591-78-6
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	64-17-5
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	67-63-0
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	67-64-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	67-66-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	71-43-2
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	74-87-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-00-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-01-4
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-09-2
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-15-0
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-25-2
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-27-4
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-34-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-69-4
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	75-71-8
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	76-13-1
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	78-93-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	79-01-6
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	91-20-3
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	95-47-6
SVMW-03-050	SV03-050-212	4/5/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	3730	95-63-6
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106138-150	SV138-150-212	4/6/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-41-4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-42-5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-93-4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-99-0
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	107-06-2
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-10-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-67-8
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-88-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	109-99-9
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-54-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-82-7
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	115-07-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	120-82-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	123-91-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	124-48-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	127-18-4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	1330-20-7
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	141-78-6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	142-82-5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	179601-23-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	56-23-5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	591-78-6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	64-17-5
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-63-0
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-64-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-66-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	74-87-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-00-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-01-4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-09-2
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-15-0
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-25-2
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-27-4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-34-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-69-4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-71-8
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	76-13-1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	78-93-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	79-01-6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	91-20-3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-47-6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-63-6
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106138-250	SV138-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-41-4
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-42-5
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-93-4
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-99-0
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	107-06-2
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-10-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-67-8
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-88-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	109-99-9
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-54-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-82-7
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	115-07-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	120-82-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	123-91-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	124-48-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	127-18-4
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	1330-20-7
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	141-78-6
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	142-82-5
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	179601-23-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	56-23-5
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	591-78-6
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	64-17-5
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-63-0
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-64-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-66-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	71-43-2
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	74-87-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-00-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-01-4
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-09-2
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-15-0
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-25-2
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-27-4
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-34-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-69-4
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-71-8
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	76-13-1
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	78-93-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	79-01-6
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	91-20-3
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-47-6
KAFB-106138-350	SV138-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-63-6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-41-4
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-42-5
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-93-4
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-99-0
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	107-06-2
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-10-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-67-8
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	109-99-9
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-54-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-82-7
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	115-07-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	120-82-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	123-91-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	124-48-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	127-18-4
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	1330-20-7
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	141-78-6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	142-82-5
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	179601-23-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	56-23-5
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	591-78-6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	64-17-5
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-63-0
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-64-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-66-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	71-43-2
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	74-87-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-00-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-01-4
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-09-2
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-15-0
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-25-2
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-27-4
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-34-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-69-4
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-71-8
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	76-13-1
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	78-93-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	79-01-6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	91-20-3
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-47-6
KAFB-106138-450	SV138-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-63-6
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106141-025	SV141-025-212	4/6/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106141-050	SV141-050-212	4/6/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106141-170	SV141-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106141-250	SV141-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106141-350	SV141-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106141-450	SV141-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106142-030	SV142-030-212	4/6/2021	N	20 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-41-4
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-42-5
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-93-4
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-99-0
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	107-06-2
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-10-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-67-8
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-88-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	109-99-9
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-54-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-82-7
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	115-07-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	120-82-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	123-91-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	124-48-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	127-18-4
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	1330-20-7
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	141-78-6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	142-82-5
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	179601-23-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	56-23-5
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	591-78-6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	64-17-5
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-63-0
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-64-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-66-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	71-43-2
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	74-87-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-00-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-01-4
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-09-2
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-15-0
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-25-2
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-27-4
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-34-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-69-4
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-71-8
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	76-13-1
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	78-93-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	79-01-6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	91-20-3
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-47-6
KAFB-106142-050	SV142-050-212	4/6/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-63-6
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	100-41-4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	100-42-5
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	106-93-4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	106-99-0
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	107-06-2
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	108-10-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	108-67-8
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	108-88-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	109-99-9
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	110-54-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	110-82-7
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	115-07-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	120-82-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	123-91-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	124-48-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	127-18-4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	1330-20-7
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	141-78-6
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	142-82-5
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	179601-23-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	56-23-5
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	591-78-6
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	64-17-5
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	67-63-0
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	67-64-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	67-66-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	71-43-2
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	74-87-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-00-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-01-4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-09-2
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-15-0
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-25-2
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-27-4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-34-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-69-4
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	75-71-8
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	76-13-1
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	78-93-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	79-01-6
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	91-20-3
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	95-47-6
KAFB-106142-170	SV142-170-212	4/6/2021	N	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	4	95-63-6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-41-4
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	100-42-5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-93-4
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	106-99-0
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	107-06-2
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-10-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-67-8
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	108-88-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	109-99-9
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-54-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	110-82-7
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	115-07-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	120-82-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	123-91-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	124-48-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	127-18-4
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	1330-20-7
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	141-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	142-82-5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	179601-23-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	56-23-5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	591-78-6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	64-17-5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-63-0
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-64-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	67-66-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	71-43-2
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	74-87-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-00-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-01-4
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-09-2
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-15-0
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-25-2
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-27-4
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-34-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-69-4
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	75-71-8
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	76-13-1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	78-93-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	79-01-6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	91-20-3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-47-6
KAFB-106142-170	SV142-170-612	4/6/2021	FD	160 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	6	95-63-6
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6
KAFB-106142-250	SV142-250-212	4/6/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-41-4
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	100-42-5
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-93-4
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	106-99-0
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	107-06-2
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-10-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-67-8
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	108-88-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	109-99-9
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-54-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	110-82-7
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	115-07-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	120-82-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	123-91-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	124-48-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	127-18-4
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	1330-20-7
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	141-78-6
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	142-82-5
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	179601-23-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	56-23-5
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	591-78-6
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	64-17-5
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-63-0
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-64-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	67-66-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	71-43-2
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	74-87-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-00-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-01-4
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-09-2
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-15-0
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-25-2
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-27-4
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-34-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-69-4
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	75-71-8
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	76-13-1
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	78-93-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	79-01-6
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	91-20-3
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-47-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106142-350	SV142-350-212	4/6/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	5	95-63-6
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	1070	110-54-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	100-41-4
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	100-42-5
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	106-93-4
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	106-99-0
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	107-06-2
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	108-10-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	108-67-8
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	108-88-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	109-99-9
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	110-82-7
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	115-07-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	120-82-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	123-91-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	124-48-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	127-18-4
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	1330-20-7
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	141-78-6
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	142-82-5
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	179601-23-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	56-23-5
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	591-78-6
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	64-17-5
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	67-63-0
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	67-64-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	67-66-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	71-43-2
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	74-87-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-00-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-01-4
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-09-2
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-15-0
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-25-2
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-27-4
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-34-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-69-4
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	75-71-8
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	76-13-1
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	78-93-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	79-01-6
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	91-20-3
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	95-47-6
KAFB-106142-450	SV142-450-212	4/6/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	21	95-63-6
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	100-41-4
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	100-42-5
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	106-93-4
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	106-99-0
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	107-06-2
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	108-10-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	108-67-8
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	108-88-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	109-99-9
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	110-54-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	115-07-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	120-82-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	123-91-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	124-48-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	127-18-4
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	1330-20-7
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	141-78-6
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	142-82-5
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	179601-23-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	56-23-5
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	591-78-6
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	64-17-5
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	67-63-0
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	67-64-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	67-66-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	71-43-2
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	74-87-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-00-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-01-4
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-09-2
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-15-0
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-25-2
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-27-4
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-34-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-69-4
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	75-71-8
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	76-13-1
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	78-93-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	79-01-6
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	91-20-3
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	95-47-6
SVEW-06-060	SVE06-060-212	4/5/2021	N	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	9400	95-63-6
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	100-41-4
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	100-42-5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	106-93-4
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	106-99-0
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	107-06-2
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	108-10-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	108-67-8
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	108-88-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	109-99-9
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	110-54-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	110-82-7
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	115-07-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	120-82-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	123-91-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	124-48-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	127-18-4
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	1330-20-7
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	141-78-6
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	142-82-5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	179601-23-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	56-23-5
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	591-78-6
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	64-17-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	67-63-0
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	67-64-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	67-66-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	71-43-2
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	74-87-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-00-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-01-4
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-09-2
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-15-0
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-25-2
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-27-4
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-34-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-69-4
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	75-71-8
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	76-13-1
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	78-93-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	79-01-6
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	91-20-3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	95-47-6
SVEW-06-060	SVE06-060-612	4/5/2021	FD	45 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	8430	95-63-6
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	100-41-4
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	100-42-5
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	106-93-4
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	106-99-0
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	107-06-2
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	108-10-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	108-67-8
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	108-88-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	109-99-9
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	110-54-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	110-82-7
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	115-07-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	120-82-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	123-91-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	124-48-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	127-18-4
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	1330-20-7
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	141-78-6
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	142-82-5
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	179601-23-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	56-23-5
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	591-78-6
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	64-17-5
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	67-63-0
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	67-64-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	67-66-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	71-43-2
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	74-87-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-00-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-01-4
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-09-2
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-15-0
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-25-2
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-27-4
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-34-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-69-4
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	75-71-8
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	76-13-1
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	78-93-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	79-01-6
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	91-20-3
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	95-47-6
SVEW-07-160	SVE07-160-212	4/5/2021	N	145 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	10900	95-63-6
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	100-41-4
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	100-42-5
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	106-93-4
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	106-99-0
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	107-06-2
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	108-10-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	108-67-8
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	108-88-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	109-99-9
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	110-54-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	110-82-7
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	115-07-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	120-82-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	123-91-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	124-48-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	127-18-4
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	1330-20-7
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	141-78-6
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	142-82-5
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	179601-23-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	56-23-5
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	591-78-6
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	64-17-5
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	67-63-0
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	67-64-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	67-66-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	71-43-2
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	74-87-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-00-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-01-4
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-09-2
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-15-0
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-25-2
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-27-4
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-34-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-69-4
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	75-71-8
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	76-13-1
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	78-93-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	79-01-6
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	91-20-3
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	95-47-6
SVEW-08-260	SVE08-260-212	4/5/2021	N	245 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	832	95-63-6
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	100-41-4
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	100-42-5
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	106-93-4
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	106-99-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	107-06-2
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	108-10-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	108-67-8
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	108-88-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	109-99-9
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	110-54-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	110-82-7
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	115-07-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	120-82-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	123-91-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	124-48-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	127-18-4
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	1330-20-7
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	141-78-6
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	142-82-5
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	179601-23-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	56-23-5
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	591-78-6
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	64-17-5
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	67-63-0
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	67-64-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	67-66-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	71-43-2
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	74-87-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-00-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-01-4
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-09-2
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-15-0
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-25-2
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-27-4
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-34-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-69-4
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	75-71-8
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	76-13-1
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	78-93-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	79-01-6
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	91-20-3
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	95-47-6
SVEW-09-460	SVE09-460-212	4/5/2021	N	443 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2101902	198	95-63-6
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	100-41-4
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	100-42-5
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	106-93-4
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	106-99-0
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	107-06-2
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	108-10-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	108-67-8
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	108-88-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	109-99-9
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	110-54-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	110-82-7
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	115-07-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	120-82-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	123-91-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	124-48-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	127-18-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	1330-20-7
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	141-78-6
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	142-82-5
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	179601-23-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	56-23-5
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	591-78-6
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	64-17-5
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	67-63-0
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	67-64-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	67-66-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	71-43-2
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	74-87-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-00-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-01-4
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-09-2
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-15-0
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-25-2
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-27-4
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-34-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-69-4
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	75-71-8
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	76-13-1
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	78-93-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	79-01-6
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	91-20-3
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	95-47-6
SVMW-10-250	SV10-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	221	95-63-6
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	100-41-4
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	100-42-5
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	106-93-4
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	106-99-0
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	107-06-2
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	108-10-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	108-67-8
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	108-88-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	109-99-9
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	110-54-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	110-82-7
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	115-07-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	120-82-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	123-91-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	124-48-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	127-18-4
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	1330-20-7
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	141-78-6
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	142-82-5
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	179601-23-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	56-23-5
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	591-78-6
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	64-17-5
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	67-63-0
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	67-64-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	67-66-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	71-43-2
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	74-87-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-00-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-01-4
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-09-2
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-15-0
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-25-2
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-27-4
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-34-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-69-4
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	75-71-8
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	76-13-1
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	78-93-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	79-01-6
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	91-20-3
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	95-47-6
SVMW-11-050	SV11-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4200	95-63-6
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	100-41-4
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	100-42-5
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	106-93-4
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	106-99-0
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	107-06-2
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	108-10-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	108-67-8
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	108-88-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	109-99-9
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	110-54-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	110-82-7
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	115-07-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	120-82-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	123-91-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	124-48-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	127-18-4
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	1330-20-7
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	141-78-6
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	142-82-5
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	179601-23-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	56-23-5
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	591-78-6
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	64-17-5
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	67-63-0
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	67-64-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	67-66-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	71-43-2
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	74-87-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-00-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-01-4
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-09-2
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-15-0
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-25-2
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-27-4
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-34-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-69-4
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	75-71-8
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	76-13-1
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	78-93-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	79-01-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	91-20-3
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	95-47-6
SVMW-11-100	SV11-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	2920	95-63-6
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	100-41-4
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	100-42-5
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	106-93-4
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	106-99-0
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	107-06-2
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	108-10-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	108-67-8
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	109-99-9
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	110-54-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	110-82-7
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	115-07-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	120-82-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	123-91-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	124-48-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	127-18-4
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	1330-20-7
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	141-78-6
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	179601-23-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	56-23-5
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	591-78-6
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	64-17-5
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	67-63-0
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	67-64-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	67-66-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	71-43-2
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	71-43-2
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	74-87-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-00-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-01-4
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-09-2
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-15-0
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-25-2
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-27-4
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-34-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-69-4
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	75-71-8
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	76-13-1
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	78-93-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	79-01-6
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	91-20-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	95-47-6
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	915	95-63-6
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3660	108-88-3
SVMW-11-250	SV11-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3660	142-82-5
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	100-41-4
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	100-42-5
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	106-93-4
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	106-99-0
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	107-06-2
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	108-10-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	108-67-8
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	108-88-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	109-99-9

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	110-54-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	110-82-7
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	115-07-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	120-82-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	123-91-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	124-48-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	127-18-4
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	1330-20-7
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	141-78-6
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	142-82-5
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	179601-23-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	56-23-5
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	591-78-6
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	64-17-5
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	67-63-0
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	67-64-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	67-66-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	71-43-2
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	74-87-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-00-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-01-4
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-09-2
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-15-0
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-25-2
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-27-4
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-34-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-69-4
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	75-71-8
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	76-13-1
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	78-93-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	79-01-6
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	91-20-3
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	95-47-6
SVMW-11-260	SV11-260-212	4/20/2021	N	260 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	1960	95-63-6
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	100-41-4
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	100-42-5
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	106-93-4
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	106-99-0
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	107-06-2
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	108-10-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	108-67-8
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	108-88-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	109-99-9
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	110-54-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	110-82-7
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	115-07-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	120-82-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	123-91-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	124-48-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	127-18-4
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	1330-20-7
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	141-78-6
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	142-82-5
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	179601-23-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	56-23-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	591-78-6
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	64-17-5
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	67-63-0
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	67-64-1
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	67-66-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	71-43-2
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	74-87-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-00-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-01-4
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-09-2
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-15-0
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-25-2
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-27-4
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-34-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-69-4
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	75-71-8
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	78-93-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	79-01-6
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	91-20-3
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	95-47-6
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.08	95-63-6
SVMW-12-150	SV12-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	40.8	76-13-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	100-41-4
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	100-42-5
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	106-93-4
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	106-99-0
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	107-06-2
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	108-10-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	108-67-8
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	108-88-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	109-99-9
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	115-07-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	120-82-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	123-91-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	124-48-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	127-18-4
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	1330-20-7
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	141-78-6
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	142-82-5
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	179601-23-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	56-23-5
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	591-78-6
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	64-17-5
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	67-63-0
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	67-64-1
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	67-66-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	74-87-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-00-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-01-4
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-09-2
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-15-0
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-25-2
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-27-4
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-34-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	75-71-8
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	78-93-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	79-01-6
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	91-20-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	95-47-6
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.38	95-63-6
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	43.8	110-54-3
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	43.8	110-82-7
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	43.8	71-43-2
SVMW-12-250	SV12-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	43.8	76-13-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	100-41-4
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	100-42-5
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	106-93-4
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	106-99-0
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	107-06-2
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-10-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-67-8
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-88-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	109-99-9
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	110-54-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	110-82-7
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	115-07-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	120-82-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	123-91-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	124-48-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	127-18-4
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	1330-20-7
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	141-78-6
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	142-82-5
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	179601-23-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	56-23-5
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	591-78-6
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	64-17-5
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-63-0
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-64-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-66-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	71-43-2
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	74-87-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-00-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-01-4
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-09-2
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-15-0
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-25-2
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-27-4
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-34-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-69-4
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-71-8
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	76-13-1
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	78-93-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	79-01-6
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	91-20-3
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	95-47-6
SVMW-12-350	SV12-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	95-63-6
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	100-41-4
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	100-42-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	106-93-4
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	106-99-0
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	107-06-2
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-10-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-67-8
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-88-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	109-99-9
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	110-54-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	110-82-7
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	115-07-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	120-82-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	123-91-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	124-48-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	127-18-4
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	1330-20-7
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	141-78-6
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	142-82-5
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	179601-23-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	56-23-5
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	591-78-6
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	64-17-5
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-63-0
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-64-1
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-66-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	71-43-2
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	74-87-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-00-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-01-4
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-09-2
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-15-0
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-25-2
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-27-4
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-34-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-69-4
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-71-8
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	78-93-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	79-01-6
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	91-20-3
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	95-47-6
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	95-63-6
SVMW-12-450	SV12-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	45.8	76-13-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	100-41-4
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	100-42-5
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	106-93-4
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	106-99-0
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	107-06-2
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	108-10-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	108-67-8
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	108-88-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	109-99-9
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	110-54-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	110-82-7
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	115-07-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	120-82-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	123-91-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	124-48-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	127-18-4
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	1330-20-7
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	141-78-6
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	142-82-5
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	179601-23-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	56-23-5
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	591-78-6
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	64-17-5
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	67-63-0
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	67-64-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	67-66-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	71-43-2
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	74-87-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-00-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-01-4
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-09-2
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-15-0
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-25-2
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-27-4
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-34-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-69-4
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	75-71-8
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	76-13-1
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	78-93-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	79-01-6
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	91-20-3
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	95-47-6
SVMW-13-150	SV13-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	590	95-63-6
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	100-41-4
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	100-42-5
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	106-93-4
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	106-99-0
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	107-06-2
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	108-10-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	108-67-8
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	108-88-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	109-99-9
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	110-54-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	110-82-7
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	115-07-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	120-82-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	123-91-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	124-48-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	127-18-4
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	1330-20-7
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	141-78-6
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	142-82-5
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	179601-23-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	56-23-5
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	591-78-6
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	64-17-5
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	67-63-0
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	67-64-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	67-66-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	71-43-2
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	74-87-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-00-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-01-4
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-09-2
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-15-0
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-25-2
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-27-4
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-34-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-69-4
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	75-71-8
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	76-13-1
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	78-93-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	79-01-6
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	91-20-3
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	95-47-6
SVMW-13-250	SV13-250-212	4/20/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.3	95-63-6
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	100-41-4
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	100-42-5
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	106-93-4
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	106-99-0
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	107-06-2
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	108-10-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	108-67-8
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	108-88-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	109-99-9
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	110-54-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	110-82-7
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	115-07-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	120-82-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	123-91-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	124-48-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	127-18-4
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	1330-20-7
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	141-78-6
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	142-82-5
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	179601-23-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	56-23-5
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	591-78-6
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	64-17-5
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	67-63-0
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	67-64-1
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	67-66-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	71-43-2
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	74-87-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-00-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-01-4
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-09-2
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-15-0
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-25-2
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-27-4
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-34-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-69-4
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	75-71-8
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	78-93-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	79-01-6
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	91-20-3
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	95-47-6
SVMW-13-350	SV13-350-212	4/20/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.15	95-63-6
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	100-41-4
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	100-42-5
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	106-93-4
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	106-99-0
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	107-06-2
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	108-10-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	108-67-8
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	108-88-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	109-99-9
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	110-54-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	110-82-7
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	115-07-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	120-82-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	123-91-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	124-48-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	127-18-4
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	1330-20-7
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	141-78-6
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	142-82-5
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	179601-23-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	56-23-5
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	591-78-6
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	64-17-5
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	67-63-0
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	67-64-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	67-66-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	71-43-2
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	74-87-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-00-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-01-4
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-09-2
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-15-0
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-25-2
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-27-4
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-34-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-69-4
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	75-71-8
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	76-13-1
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	78-93-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	79-01-6
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	91-20-3
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	95-47-6
SVMW-13-450	SV13-450-212	4/20/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.95	95-63-6
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	100-41-4
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	100-42-5
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	106-93-4
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	106-99-0
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	107-06-2
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-10-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	108-88-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	109-99-9
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	110-54-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	110-82-7
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	115-07-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	120-82-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	123-91-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	124-48-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	127-18-4
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	1330-20-7
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	141-78-6
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	142-82-5
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	179601-23-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	56-23-5
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	591-78-6
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	64-17-5
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-63-0
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-64-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	67-66-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	71-43-2
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	74-87-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-00-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-01-4
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-09-2
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-15-0
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-25-2
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-27-4
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-34-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-69-4
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	75-71-8
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	76-13-1
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	78-93-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	79-01-6
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	91-20-3
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	95-47-6
SVMW-15-150	SV15-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4.58	95-63-6
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	100-41-4
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	100-42-5
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	106-93-4
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	106-99-0
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	107-06-2
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	108-10-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	108-67-8
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	108-88-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	109-99-9
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	110-54-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	110-82-7
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	115-07-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	120-82-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	123-91-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	124-48-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	127-18-4
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	1330-20-7
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	141-78-6
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	179601-23-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	56-23-5
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	591-78-6
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	64-17-5
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	67-63-0
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	67-64-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	67-66-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	71-43-2
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	74-87-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-00-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-01-4
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-09-2
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-15-0
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-25-2
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-27-4
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-34-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-69-4
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	75-71-8
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	76-13-1
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	78-93-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	79-01-6
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	91-20-3
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	95-47-6
SVMW-15-250	SV15-250-212	4/19/2021	N	250 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	3.43	95-63-6
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	100-41-4
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	100-42-5
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	106-93-4
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	106-99-0
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	106-99-0
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	107-06-2
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	108-10-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	108-67-8
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	108-88-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	109-99-9
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	110-54-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	110-82-7
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	115-07-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	120-82-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	123-91-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	124-48-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	127-18-4
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	1330-20-7
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	141-78-6
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	142-82-5
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	179601-23-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	56-23-5
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	591-78-6
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	64-17-5
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	67-63-0
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	67-64-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	67-66-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	71-43-2
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	74-87-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-00-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-01-4
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-09-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-15-0
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-25-2
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-27-4
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-34-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-69-4
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	75-71-8
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	76-13-1
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	78-93-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	79-01-6
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	91-20-3
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	95-47-6
SVMW-15-350	SV15-350-212	4/19/2021	N	350 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	372	95-63-6
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	19700	142-82-5
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	100-41-4
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	100-42-5
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	106-93-4
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	106-99-0
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	107-06-2
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	108-10-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	108-67-8
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	108-88-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	109-99-9
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	110-54-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	110-82-7
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	115-07-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	120-82-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	123-91-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	124-48-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	124-48-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	127-18-4
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	1330-20-7
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	141-78-6
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	179601-23-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	56-23-5
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	591-78-6
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	64-17-5
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	67-63-0
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	67-64-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	67-66-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	71-43-2
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	74-87-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-00-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-01-4
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-09-2
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-15-0
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-25-2
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-27-4
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-34-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-69-4
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	75-71-8
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	76-13-1
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	78-93-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	79-01-6
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	91-20-3
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	95-47-6
SVMW-15-450	SV15-450-212	4/19/2021	N	450 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102358	4930	95-63-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-41-4
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-42-5
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-93-4
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-99-0
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	107-06-2
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-10-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-67-8
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-88-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	109-99-9
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-54-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-82-7
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	115-07-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	120-82-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	123-91-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	124-48-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	127-18-4
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	1330-20-7
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	141-78-6
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	142-82-5
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	179601-23-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	56-23-5
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	591-78-6
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	64-17-5
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-63-0
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-64-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-66-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	71-43-2
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	74-87-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	74-87-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-00-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-01-4
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-09-2
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-15-0
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-25-2
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-27-4
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-34-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-69-4
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-71-8
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	76-13-1
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	78-93-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	79-01-6
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	91-20-3
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-47-6
SVMW-01-050	SV01-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-63-6
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	100-41-4
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	100-42-5
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	106-93-4
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	106-99-0
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	107-06-2
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	108-10-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	108-67-8
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	108-88-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	109-99-9
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	110-54-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	110-82-7
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	115-07-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	120-82-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	123-91-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	124-48-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	127-18-4
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	1330-20-7
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	141-78-6
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	142-82-5
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	179601-23-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	56-23-5
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	591-78-6
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	64-17-5
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	67-63-0
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	67-64-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	67-66-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	71-43-2
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	74-87-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-00-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-01-4
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-09-2
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-15-0
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-25-2
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-27-4
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-34-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-69-4
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	75-71-8
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	76-13-1
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	78-93-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	79-01-6
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	91-20-3
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	95-47-6
SVMW-01-100	SV01-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	28200	95-63-6
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	100-41-4
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	100-42-5
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	106-93-4
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	106-99-0
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	107-06-2
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	108-10-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	108-67-8
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	108-88-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	109-99-9
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	110-54-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	110-82-7
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	115-07-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	120-82-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	123-91-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	124-48-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	127-18-4
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	1330-20-7
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	141-78-6
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	142-82-5
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	179601-23-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	56-23-5
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	591-78-6
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	64-17-5
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	67-63-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	67-64-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	67-66-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	71-43-2
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	74-87-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-00-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-01-4
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-09-2
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-15-0
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-25-2
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-27-4
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-34-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-69-4
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	75-71-8
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	76-13-1
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	78-93-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	79-01-6
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	91-20-3
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	95-47-6
SVMW-01-250	SV01-250-212	4/19/2021	N	250.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11900	95-63-6
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	100-41-4
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	100-42-5
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	106-93-4
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	106-99-0
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	107-06-2
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	108-10-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	108-67-8
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	108-88-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	109-99-9
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	110-54-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	110-82-7
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	115-07-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	120-82-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	123-91-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	124-48-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	127-18-4
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	1330-20-7
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	141-78-6
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	142-82-5
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	179601-23-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	56-23-5
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	591-78-6
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	64-17-5
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	67-63-0
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	67-64-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	67-66-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	71-43-2
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	74-87-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-00-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-01-4
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-09-2
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-15-0
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-25-2
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-27-4
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-34-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	75-71-8
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	76-13-1
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	78-93-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	79-01-6
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	91-20-3
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	95-47-6
SVMW-01-300	SV01-300-212	4/19/2021	N	308.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	198	95-63-6
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	100-41-4
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	100-42-5
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	106-93-4
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	106-99-0
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	107-06-2
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	108-10-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	108-67-8
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	108-88-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	109-99-9
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	110-54-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	110-82-7
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	115-07-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	120-82-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	123-91-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	124-48-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	127-18-4
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	1330-20-7
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	141-78-6
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	142-82-5
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	179601-23-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	56-23-5
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	591-78-6
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	64-17-5
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	67-63-0
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	67-64-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	67-66-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	71-43-2
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	74-87-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-00-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-01-4
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-09-2
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-15-0
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-25-2
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-27-4
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-34-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-69-4
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	75-71-8
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	76-13-1
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	78-93-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	79-01-6
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	91-20-3
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	95-47-6
SVMW-02-050	SV02-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	131	95-63-6
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	100-41-4
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	100-42-5
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	106-93-4
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	106-99-0
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	108-10-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	108-67-8
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	109-99-9
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	110-54-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	110-82-7
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	115-07-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	120-82-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	123-91-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	124-48-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	127-18-4
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	1330-20-7
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	141-78-6
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	179601-23-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	56-23-5
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	591-78-6
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	64-17-5
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	67-63-0
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	67-64-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	67-66-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	71-43-2
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	74-87-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-00-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-01-4
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-09-2
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-15-0
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-25-2
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-27-4
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-34-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-69-4
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	75-71-8
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	76-13-1
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	78-93-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	79-01-6
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	91-20-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	95-47-6
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	13800	95-63-6
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	41400	108-88-3
SVMW-02-100	SV02-100-212	4/19/2021	N	97 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	41400	142-82-5
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	100-41-4
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	100-42-5
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	106-93-4
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	106-99-0
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	107-06-2
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	108-10-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	108-67-8
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	108-88-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	109-99-9
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	110-54-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	110-82-7
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	115-07-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	120-82-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	123-91-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	124-48-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	127-18-4
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	141-78-6
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	179601-23-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	56-23-5
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	591-78-6
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	64-17-5
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	67-63-0
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	67-64-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	67-66-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	71-43-2
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	74-87-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-00-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-01-4
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-09-2
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-15-0
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-25-2
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-27-4
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-34-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-69-4
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	75-71-8
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	76-13-1
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	78-93-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	79-01-6
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	91-20-3
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	95-47-6
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15400	95-63-6
SVMW-02-150	SV02-150-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	30800	142-82-5
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	100-41-4
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	100-42-5
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	106-93-4
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	106-99-0
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	107-06-2
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	108-10-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	108-67-8
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	108-88-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	109-99-9
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	110-54-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	110-82-7
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	115-07-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	120-82-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	123-91-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	124-48-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	127-18-4
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	1330-20-7
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	141-78-6
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	179601-23-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	56-23-5
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	591-78-6
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	64-17-5
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	67-63-0
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	67-64-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	67-66-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	71-43-2
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	74-87-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-00-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-01-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-09-2
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-15-0
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-25-2
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-27-4
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-34-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-69-4
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	75-71-8
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	76-13-1
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	78-93-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	79-01-6
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	91-20-3
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	95-47-6
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	14800	95-63-6
SVMW-02-150	SV02-150-612	4/19/2021	FD	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	38600	142-82-5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-41-4
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-42-5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-93-4
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-99-0
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	107-06-2
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-10-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-67-8
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-88-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	109-99-9
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-54-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-82-7
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	115-07-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	120-82-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	123-91-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	123-91-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	124-48-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	127-18-4
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	1330-20-7
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	141-78-6
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	142-82-5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	179601-23-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	56-23-5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	591-78-6
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	64-17-5
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-63-0
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-64-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-66-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	71-43-2
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	74-87-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-00-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-01-4
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-09-2
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-15-0
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-25-2
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-27-4
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-34-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-69-4
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-71-8
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	76-13-1
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	78-93-3
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	79-01-6
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-47-6
SVMW-05-050	SV05-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-63-6
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	100-41-4
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	100-42-5
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	106-93-4
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	106-99-0
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	107-06-2
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-10-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-67-8
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-88-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	109-99-9
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	110-54-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	110-82-7
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	115-07-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	120-82-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	123-91-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	124-48-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	127-18-4
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	1330-20-7
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	141-78-6
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	142-82-5
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	179601-23-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	56-23-5
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	591-78-6
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	64-17-5
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-63-0
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-64-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-66-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	71-43-2
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	74-87-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-00-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-01-4
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-09-2
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-15-0
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-25-2
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-27-4
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-34-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-69-4
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-71-8
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	76-13-1
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	78-93-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	79-01-6
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	91-20-3
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	95-47-6
SVMW-05-050	SV05-050-612	4/19/2021	FD	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	95-63-6
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	100-41-4
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	100-42-5
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	106-93-4
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	106-99-0
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	107-06-2
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	108-10-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	108-67-8
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	108-88-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	109-99-9
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	110-54-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	110-82-7
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	115-07-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	120-82-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	123-91-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	124-48-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	127-18-4
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	1330-20-7
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	141-78-6
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	142-82-5
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	179601-23-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	56-23-5
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	591-78-6
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	64-17-5
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	67-63-0
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	67-64-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	67-66-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	71-43-2
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	74-87-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-00-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-01-4
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-09-2
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-15-0
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-25-2
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-27-4
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-34-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-69-4
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	75-71-8
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	76-13-1
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	78-93-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	79-01-6
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	91-20-3
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	95-47-6
SVMW-05-100	SV05-100-212	4/19/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	15	95-63-6
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	100-41-4
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	100-42-5
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	106-93-4
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	106-99-0
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	107-06-2
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	108-10-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	108-67-8
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	108-88-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	109-99-9
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	110-82-7
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	115-07-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	120-82-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	123-91-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	124-48-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	127-18-4
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	1330-20-7
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	141-78-6
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	142-82-5
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	179601-23-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	56-23-5
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	591-78-6
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	64-17-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	67-63-0
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	67-64-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	67-66-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	71-43-2
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	74-87-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-00-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-01-4
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-09-2
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-15-0
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-25-2
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-27-4
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-34-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-69-4
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	75-71-8
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	76-13-1
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	78-93-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	79-01-6
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	91-20-3
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	95-47-6
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	11600	95-63-6
SVMW-05-230	SV05-230-212	4/19/2021	N	229.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	34800	110-54-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	100-41-4
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	100-42-5
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	106-93-4
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	106-99-0
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	107-06-2
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	108-10-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	108-67-8
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	108-88-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	109-99-9
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	110-54-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	110-82-7
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	115-07-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	120-82-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	123-91-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	124-48-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	127-18-4
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	1330-20-7
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	141-78-6
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	142-82-5
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	179601-23-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	56-23-5
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	591-78-6
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	64-17-5
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	67-63-0
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	67-64-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	67-66-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	71-43-2
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	74-87-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-00-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-01-4
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-09-2
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-15-0
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-25-2
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-34-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-69-4
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	75-71-8
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	76-13-1
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	78-93-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	79-01-6
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	91-20-3
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	95-47-6
SVMW-05-290	SV05-290-212	4/19/2021	N	287.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	57	95-63-6
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-41-4
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-42-5
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-93-4
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-99-0
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	107-06-2
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-10-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-67-8
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-88-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	109-99-9
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-54-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-82-7
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	115-07-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	120-82-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	123-91-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	124-48-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	127-18-4
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	1330-20-7
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	141-78-6
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	142-82-5
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	179601-23-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	56-23-5
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	591-78-6
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	64-17-5
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-63-0
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-64-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-66-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	71-43-2
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	74-87-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-00-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-01-4
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-09-2
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-15-0
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-25-2
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-27-4
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-34-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-69-4
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-71-8
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	76-13-1
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	78-93-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	79-01-6
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	91-20-3
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-47-6
SVMW-06-050	SV06-050-212	4/19/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-63-6
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-41-4
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	100-42-5
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	106-99-0
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	107-06-2
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-10-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-67-8
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	108-88-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	109-99-9
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-54-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	110-82-7
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	115-07-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	120-82-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	123-91-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	124-48-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	127-18-4
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	1330-20-7
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	141-78-6
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	142-82-5
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	179601-23-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	56-23-5
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	591-78-6
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	64-17-5
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-63-0
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-64-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	67-66-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	71-43-2
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	74-87-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-00-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-01-4
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-09-2
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-15-0
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-25-2
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-27-4
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-34-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-69-4
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	75-71-8
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	76-13-1
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	78-93-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	79-01-6
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	91-20-3
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-47-6
SVMW-06-100	SV06-100-212	4/19/2021	N	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	5	95-63-6
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	100-41-4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	100-42-5
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	106-93-4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	106-99-0
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	107-06-2
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-10-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-67-8
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-88-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	109-99-9
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	110-54-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	110-82-7
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	115-07-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	120-82-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	123-91-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	127-18-4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	1330-20-7
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	141-78-6
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	142-82-5
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	179601-23-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	56-23-5
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	591-78-6
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	64-17-5
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-63-0
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-64-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-66-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	71-43-2
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	74-87-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-00-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-01-4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-09-2
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-15-0
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-25-2
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-27-4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-34-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-69-4
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-71-8
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	76-13-1
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	78-93-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	79-01-6
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	91-20-3
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	95-47-6
SVMW-06-100	SV06-100-612	4/19/2021	FD	99.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	95-63-6
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	100-41-4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	100-42-5
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	106-93-4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	106-99-0
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	107-06-2
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	108-10-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	108-67-8
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	108-88-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	109-99-9
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	110-54-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	110-82-7
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	115-07-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	120-82-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	123-91-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	124-48-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	127-18-4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	1330-20-7
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	141-78-6
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	142-82-5
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	179601-23-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	56-23-5
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	591-78-6
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	64-17-5
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	67-63-0
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	67-64-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	67-66-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	71-43-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	74-87-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-00-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-01-4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-09-2
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-15-0
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-25-2
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-27-4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-34-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-69-4
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	75-71-8
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	76-13-1
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	78-93-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	79-01-6
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	91-20-3
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	95-47-6
SVMW-06-252	SV06-252-212	4/19/2021	N	252 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3480	95-63-6
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	100-41-4
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	100-42-5
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	106-93-4
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	106-99-0
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	107-06-2
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	108-10-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	108-67-8
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	108-88-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	109-99-9
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	110-54-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	110-82-7
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	115-07-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	120-82-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	123-91-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	124-48-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	127-18-4
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	1330-20-7
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	141-78-6
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	142-82-5
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	179601-23-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	56-23-5
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	591-78-6
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	64-17-5
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	67-63-0
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	67-64-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	67-66-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	71-43-2
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	74-87-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-00-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-01-4
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-09-2
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-15-0
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-25-2
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-27-4
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-34-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-69-4
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	75-71-8
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	76-13-1
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	78-93-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	79-01-6
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	91-20-3
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	95-47-6
SVMW-06-302	SV06-302-212	4/19/2021	N	302.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	1	95-63-6
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	100-41-4
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	100-42-5
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	106-93-4
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	106-99-0
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	107-06-2
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	108-10-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	108-67-8
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	108-88-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	109-99-9
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	110-82-7
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	115-07-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	120-82-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	123-91-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	124-48-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	127-18-4
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	1330-20-7
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	141-78-6
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	179601-23-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	56-23-5
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	591-78-6
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	64-17-5
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	67-63-0
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	67-64-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	67-66-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	71-43-2
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	74-87-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-00-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-01-4
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-09-2
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-15-0
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-25-2
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-27-4
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-34-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-69-4
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	75-71-8
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	76-13-1
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	78-93-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	79-01-6
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	91-20-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	95-47-6
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4180	95-63-6
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	12800	110-54-3
SVMW-07-050	SV07-050-212	4/21/2021	N	49.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	12800	142-82-5
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	100-41-4
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	100-42-5
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	106-93-4
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	106-99-0
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	107-06-2
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	108-10-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	108-67-8
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	108-88-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	109-99-9
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	110-82-7
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	115-07-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	120-82-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	123-91-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	124-48-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	127-18-4
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	1330-20-7
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	141-78-6
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	142-82-5
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	179601-23-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	56-23-5
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	591-78-6
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	64-17-5
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	67-63-0
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	67-64-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	67-66-3
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	71-43-2
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	74-87-3
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-00-3
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-01-4
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-09-2
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-15-0
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-25-2
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-27-4
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-34-3
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-69-4
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	75-71-8
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	76-13-1
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	78-93-3
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	79-01-6
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	91-20-3
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	95-47-6
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3100	95-63-6
SVMW-07-100	SV07-100-212	4/21/2021	N	95.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	9300	110-54-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	100-41-4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	100-42-5
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	106-93-4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	106-99-0
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	107-06-2
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-10-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-67-8
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	108-88-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	109-99-9
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	110-54-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	110-82-7
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	115-07-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	120-82-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	123-91-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	124-48-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	127-18-4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	1330-20-7
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	141-78-6
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	142-82-5
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	179601-23-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	56-23-5
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	591-78-6
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	64-17-5
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-63-0
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-64-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	67-66-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	71-43-2
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	74-87-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-00-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-01-4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-09-2
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-15-0
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-25-2
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-27-4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-34-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-69-4
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	75-71-8
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	76-13-1
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	78-93-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	79-01-6
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	91-20-3
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	95-47-6
SVMW-07-150	SV07-150-212	4/21/2021	N	147.5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	4	95-63-6
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	100-41-4
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	100-42-5
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	106-93-4
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	106-99-0
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	107-06-2
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	108-10-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	108-67-8
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	109-99-9
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	110-54-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	110-82-7
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	115-07-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	120-82-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	123-91-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	124-48-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	127-18-4
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	1330-20-7
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	141-78-6
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	179601-23-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	56-23-5
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	591-78-6
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	64-17-5
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	67-63-0
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	67-64-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	67-66-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	71-43-2
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	74-87-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-00-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-01-4
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-09-2
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-15-0
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-25-2
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-34-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-69-4
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	75-71-8
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	76-13-1
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	78-93-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	79-01-6
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	91-20-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	95-47-6
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	32000	95-63-6
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	64000	108-88-3
SVMW-10-050	SV10-050-212	4/20/2021	N	50 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	64000	142-82-5
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	100-41-4
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	100-42-5
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	106-93-4
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	106-99-0
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	107-06-2
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	108-10-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	108-67-8
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	108-88-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	109-99-9
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	110-82-7
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	115-07-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	120-82-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	123-91-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	124-48-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	127-18-4
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	1330-20-7
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	141-78-6
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	179601-23-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	56-23-5
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	591-78-6
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	64-17-5
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	67-63-0
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	67-64-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	67-66-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	71-43-2
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	74-87-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-00-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-01-4
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-09-2
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-15-0
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-25-2
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-27-4
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-34-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-69-4
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	75-71-8
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	76-13-1
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	78-93-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	79-01-6
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	91-20-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	95-47-6
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	2920	95-63-6
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	8750	110-54-3
SVMW-10-100	SV10-100-212	4/20/2021	N	100 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	8750	142-82-5
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	100-42-5
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	106-93-4
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	106-99-0
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	107-06-2
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	108-10-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	108-67-8
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	108-88-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	109-99-9
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	110-82-7
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	115-07-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	120-82-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	123-91-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	124-48-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	127-18-4
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	1330-20-7
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	141-78-6
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	179601-23-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	56-23-5
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	591-78-6
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	64-17-5
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	67-63-0
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	67-64-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	67-66-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	71-43-2
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	74-87-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-00-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-01-4
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-09-2
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-15-0
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-25-2
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-27-4
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-34-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-69-4
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	75-71-8
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	76-13-1
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	78-93-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	79-01-6
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	91-20-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	95-47-6
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	960	95-63-6
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3840	110-54-3
SVMW-10-150	SV10-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102357	3840	142-82-5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	45	108-88-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	45	110-82-7
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	100-41-4
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	100-42-5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	106-93-4
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	106-99-0
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	107-06-2
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	108-10-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	108-67-8
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	109-99-9
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	110-54-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	115-07-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	123-91-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	124-48-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	127-18-4
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	1330-20-7
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	141-78-6
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	142-82-5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	179601-23-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	56-23-5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	591-78-6
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	64-17-5
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	67-63-0
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	67-64-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	67-66-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	71-43-2
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	74-87-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-00-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-01-4
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-09-2
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-15-0
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-25-2
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-27-4
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-34-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-69-4
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-71-8
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	76-13-1
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	78-93-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	79-01-6
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	91-20-3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	95-47-6
KAFB-106V3-007	SV3-007-212	4/20/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	95-63-6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	100-41-4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	100-42-5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	106-93-4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	106-99-0
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	107-06-2
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	108-10-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	108-67-8
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	109-99-9
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	110-54-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	115-07-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	120-82-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	123-91-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	124-48-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	127-18-4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	1330-20-7
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	141-78-6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	142-82-5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	179601-23-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	56-23-5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	591-78-6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	64-17-5
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	67-64-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	67-66-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	71-43-2
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	74-87-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-00-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-01-4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-09-2
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-15-0
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-25-2
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-27-4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-34-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-69-4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	75-71-8
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	76-13-1
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	78-93-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	79-01-6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	91-20-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	95-47-6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	5	95-63-6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	46	108-88-3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	46	110-82-7
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	46	67-63-0
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	100-41-4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	100-42-5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	106-93-4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	106-99-0
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	107-06-2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	108-10-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	108-67-8
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	109-99-9
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	115-07-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	120-82-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	123-91-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	124-48-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	127-18-4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	1330-20-7
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	141-78-6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	142-82-5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	179601-23-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	56-23-5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	591-78-6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	64-17-5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	67-63-0
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	67-64-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	67-66-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	71-43-2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	74-87-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-00-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-01-4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-09-2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-15-0
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-25-2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-27-4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-34-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-69-4
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-71-8
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	76-13-1
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	78-93-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	79-01-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	91-20-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	95-47-6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	95-63-6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	86	108-88-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	86	110-54-3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	86	110-82-7
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	100-41-4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	100-42-5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	106-93-4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	106-99-0
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	107-06-2
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	108-10-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	108-67-8
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	109-99-9
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	110-54-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	110-82-7
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	115-07-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	120-82-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	123-91-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	124-48-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	127-18-4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	1330-20-7
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	141-78-6
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	142-82-5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	179601-23-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	56-23-5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	591-78-6
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	64-17-5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	64-17-5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	67-63-0
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	67-64-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	67-66-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	71-43-2
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	74-87-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-00-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-01-4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-09-2
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-15-0
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-25-2
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-27-4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-34-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-69-4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	75-71-8
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	76-13-1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	78-93-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	79-01-6
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	91-20-3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	95-47-6
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	4	95-63-6
KAFB-106V3-272	SV3-272-212	4/20/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102359	38	108-88-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	100-41-4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	100-42-5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	106-93-4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	106-99-0
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	107-06-2
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	108-10-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	108-67-8
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	108-88-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	109-99-9
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	110-54-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	110-82-7
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	115-07-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	120-82-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	123-91-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	124-48-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	127-18-4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	1330-20-7
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	141-78-6
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	142-82-5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	179601-23-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	56-23-5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	591-78-6
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	64-17-5
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	67-63-0
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	67-64-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	67-66-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	71-43-2
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	74-87-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-00-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-01-4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-09-2
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-15-0
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-25-2
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-27-4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-34-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-69-4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	75-71-8
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	76-13-1
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	78-93-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	79-01-6
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	91-20-3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	95-47-6
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	39600	95-63-6
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	100-41-4
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	100-42-5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	106-93-4
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	106-99-0
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	107-06-2
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	108-10-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	108-67-8
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	108-88-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	109-99-9
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	110-54-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	110-82-7
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	115-07-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	120-82-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	123-91-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	124-48-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	127-18-4
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	1330-20-7
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	141-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	142-82-5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	179601-23-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	56-23-5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	591-78-6
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	64-17-5
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	67-63-0
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	67-64-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	67-66-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	71-43-2
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	74-87-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-00-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-01-4
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-09-2
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-15-0
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-25-2
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-27-4
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-34-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-69-4
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	75-71-8
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	76-13-1
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	78-93-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	79-01-6
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	91-20-3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	95-47-6
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110.6 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	40000	95-63-6
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	100-41-4
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	100-42-5
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	106-93-4
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	106-99-0
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	107-06-2
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	108-10-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	108-67-8
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	108-88-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	109-99-9
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	110-54-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	110-82-7
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	115-07-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	120-82-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	123-91-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	124-48-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	127-18-4
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	1330-20-7
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	141-78-6
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	142-82-5
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	179601-23-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	56-23-5
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	591-78-6
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	64-17-5
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	67-63-0
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	67-64-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	67-66-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	71-43-2
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	74-87-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-00-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-01-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-09-2
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-15-0
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-25-2
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-27-4
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-34-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-69-4
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	75-71-8
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	76-13-1
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	78-93-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	79-01-6
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	91-20-3
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	95-47-6
KAFB-106119-250	SV119-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	3320	95-63-6
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	100-41-4
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	100-42-5
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	106-93-4
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	106-99-0
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	107-06-2
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	108-10-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	108-67-8
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	108-88-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	109-99-9
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	110-54-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	110-82-7
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	115-07-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	120-82-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	123-91-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	124-48-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	127-18-4
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	1330-20-7
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	141-78-6
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	142-82-5
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	179601-23-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	56-23-5
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	591-78-6
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	64-17-5
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	67-63-0
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	67-64-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	67-66-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	71-43-2
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	74-87-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-00-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-01-4
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-09-2
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-15-0
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-25-2
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-27-4
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-34-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-69-4
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	75-71-8
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	76-13-1
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	78-93-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	79-01-6
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	91-20-3
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	95-47-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106119-350	SV119-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	2870	95-63-6
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106119-450	SV119-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106126-025	SV126-025-212	4/20/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106126-050	SV126-050-212	4/20/2021	N	40.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	47	67-66-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106126-150	SV126-150-212	4/20/2021	N	140.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-41-4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-42-5
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-93-4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-99-0
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	107-06-2
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-10-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-67-8
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-88-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	109-99-9
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-54-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-82-7
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	115-07-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	120-82-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	123-91-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	124-48-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	127-18-4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	1330-20-7
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	141-78-6
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	142-82-5
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	179601-23-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	56-23-5
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	591-78-6
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	64-17-5
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-63-0
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-64-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-66-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	71-43-2
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	74-87-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-00-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-01-4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-09-2
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-15-0
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-25-2
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-27-4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-34-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-69-4
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-71-8
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	76-13-1
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	78-93-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	79-01-6
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	91-20-3
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-47-6
KAFB-106126-250	SV126-250-212	4/20/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-63-6
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	100-41-4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	100-42-5
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	106-93-4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	106-99-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	107-06-2
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	108-10-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	108-67-8
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	108-88-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	109-99-9
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	110-54-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	110-82-7
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	115-07-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	120-82-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	123-91-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	124-48-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	127-18-4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	1330-20-7
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	141-78-6
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	142-82-5
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	179601-23-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	56-23-5
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	591-78-6
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	64-17-5
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	67-63-0
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	67-64-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	67-66-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	71-43-2
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	74-87-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-00-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-01-4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-09-2
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-15-0
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-25-2
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-27-4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-34-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-69-4
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	75-71-8
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	76-13-1
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	78-93-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	79-01-6
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	91-20-3
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	95-47-6
KAFB-106126-350	SV126-350-212	4/20/2021	N	340.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	35	95-63-6
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	100-41-4
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	100-42-5
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	106-93-4
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	106-99-0
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	107-06-2
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	108-10-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	108-67-8
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	108-88-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	109-99-9
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	110-54-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	110-82-7
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	115-07-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	120-82-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	123-91-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	124-48-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	127-18-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	1330-20-7
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	141-78-6
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	142-82-5
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	179601-23-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	56-23-5
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	591-78-6
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	64-17-5
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	67-63-0
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	67-64-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	67-66-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	71-43-2
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	74-87-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-00-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-01-4
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-09-2
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-15-0
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-25-2
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-27-4
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-34-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-69-4
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	75-71-8
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	76-13-1
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	78-93-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	79-01-6
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	91-20-3
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	95-47-6
KAFB-106126-450	SV126-450-212	4/20/2021	N	440.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	840	95-63-6
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-41-4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-42-5
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-93-4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-99-0
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	107-06-2
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-10-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-67-8
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-88-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	109-99-9
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-54-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-82-7
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	115-07-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	120-82-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	123-91-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	124-48-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	127-18-4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	1330-20-7
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	141-78-6
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	142-82-5
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	179601-23-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	56-23-5
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	591-78-6
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	64-17-5
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-63-0
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-64-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-66-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	71-43-2
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	74-87-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-00-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-01-4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-09-2
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-15-0
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-25-2
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-27-4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-34-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-69-4
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-71-8
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	76-13-1
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	78-93-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	79-01-6
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	91-20-3
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-47-6
KAFB-106129-025	SV129-025-212	4/19/2021	N	15.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-63-6
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106129-050	SV129-050-212	4/19/2021	N	39.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-41-4
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-42-5
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-93-4
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-99-0
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	107-06-2
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-10-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-67-8
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-88-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	109-99-9
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-54-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-82-7
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	115-07-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	120-82-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	123-91-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	124-48-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	127-18-4
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	1330-20-7
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	141-78-6
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	142-82-5
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	179601-23-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	56-23-5
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	591-78-6
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	64-17-5
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-63-0
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-64-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-66-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	71-43-2
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	74-87-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-00-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-01-4
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-09-2
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-15-0
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-25-2
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-27-4
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-34-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-69-4
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-71-8
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	76-13-1
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	78-93-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	79-01-6
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	91-20-3
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-47-6
KAFB-106129-150	SV129-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-63-6
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106129-250	SV129-250-212	4/19/2021	N	240.1 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-41-4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-42-5
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-93-4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-99-0
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	107-06-2
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-10-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-67-8
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-88-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	109-99-9
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-54-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-82-7
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	115-07-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	120-82-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	123-91-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	124-48-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	127-18-4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	1330-20-7
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	141-78-6
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	142-82-5
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	179601-23-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	56-23-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	591-78-6
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	64-17-5
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-63-0
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-64-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-66-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	71-43-2
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	74-87-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-00-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-01-4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-09-2
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-15-0
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-25-2
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-27-4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-34-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-69-4
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-71-8
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	76-13-1
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	78-93-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	79-01-6
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	91-20-3
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-47-6
KAFB-106129-350	SV129-350-212	4/19/2021	N	337.4 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-63-6
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	100-41-4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	100-42-5
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	106-93-4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	106-99-0
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	107-06-2
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	108-10-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	108-67-8
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	108-88-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	109-99-9
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	110-54-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	110-82-7
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	115-07-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	120-82-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	123-91-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	124-48-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	127-18-4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	1330-20-7
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	141-78-6
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	142-82-5
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	179601-23-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	56-23-5
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	591-78-6
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	64-17-5
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	67-63-0
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	67-64-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	67-66-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	71-43-2
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	74-87-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-00-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-01-4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-09-2
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-15-0
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-25-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-27-4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-34-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-69-4
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	75-71-8
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	76-13-1
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	78-93-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	79-01-6
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	91-20-3
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	95-47-6
KAFB-106129-450	SV129-450-212	4/19/2021	N	440.7 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	95	95-63-6
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-41-4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-42-5
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-93-4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-99-0
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	107-06-2
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-10-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-67-8
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-88-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	109-99-9
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-54-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-82-7
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	115-07-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	120-82-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	123-91-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	124-48-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	127-18-4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	1330-20-7
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	141-78-6
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	142-82-5
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	179601-23-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	56-23-5
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	591-78-6
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	64-17-5
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-63-0
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-64-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-66-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	71-43-2
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	74-87-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-00-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-01-4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-09-2
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-15-0
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-25-2
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-27-4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-34-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-69-4
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-71-8
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	76-13-1
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	78-93-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	79-01-6
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	91-20-3
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-47-6
KAFB-106130-025	SV130-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-63-6
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-41-4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	100-42-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-93-4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	106-99-0
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	107-06-2
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-10-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-67-8
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	108-88-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	109-99-9
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-54-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	110-82-7
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	115-07-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	120-82-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	123-91-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	124-48-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	127-18-4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	1330-20-7
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	141-78-6
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	142-82-5
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	179601-23-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	56-23-5
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	591-78-6
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	64-17-5
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-63-0
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-64-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	67-66-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	71-43-2
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	74-87-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-00-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-01-4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-09-2
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-15-0
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-25-2
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-27-4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-34-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-69-4
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	75-71-8
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	76-13-1
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	78-93-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	79-01-6
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	91-20-3
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-47-6
KAFB-106130-050	SV130-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	4	95-63-6
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	100-41-4
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	100-42-5
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	106-93-4
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	106-99-0
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	107-06-2
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	108-10-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	108-67-8
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	108-88-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	109-99-9
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	110-54-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	110-82-7
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	115-07-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	120-82-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	123-91-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	124-48-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	127-18-4
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	1330-20-7
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	141-78-6
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	142-82-5
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	179601-23-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	56-23-5
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	591-78-6
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	64-17-5
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	67-63-0
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	67-64-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	67-66-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	71-43-2
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	74-87-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-00-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-01-4
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-09-2
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-15-0
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-25-2
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-27-4
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-34-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-69-4
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	75-71-8
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	76-13-1
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	78-93-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	79-01-6
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	91-20-3
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	95-47-6
KAFB-106130-150	SV130-150-212	4/20/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	19	95-63-6
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106130-250	SV130-250-212	4/20/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-41-4
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	100-42-5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-93-4
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	106-99-0
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	107-06-2
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-10-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-67-8
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	108-88-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	109-99-9
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-54-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	110-82-7
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	115-07-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	120-82-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	123-91-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	124-48-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	127-18-4
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	1330-20-7
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	141-78-6
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	142-82-5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	179601-23-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	56-23-5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	591-78-6
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	64-17-5
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-63-0
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-64-1
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	67-66-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	71-43-2
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	74-87-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-00-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-01-4
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-09-2
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-15-0
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-25-2
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-27-4
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-34-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-69-4
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	75-71-8
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	78-93-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	79-01-6
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	91-20-3
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-47-6
KAFB-106130-350	SV130-350-212	4/20/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	5	95-63-6
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	100-41-4
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	100-42-5
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	106-93-4
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	106-99-0
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	107-06-2
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	108-10-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	108-67-8
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	108-88-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	109-99-9
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	110-54-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	110-82-7
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	115-07-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	120-82-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	123-91-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	124-48-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	127-18-4
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	1330-20-7
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	141-78-6
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	142-82-5
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	179601-23-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	56-23-5
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	591-78-6
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	64-17-5
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	67-63-0
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	67-64-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	67-66-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	71-43-2
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	74-87-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-00-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-01-4
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-09-2
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-15-0
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-25-2
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-27-4
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-34-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-69-4
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	75-71-8
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	76-13-1
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	78-93-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	79-01-6
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	91-20-3
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	95-47-6
KAFB-106130-450	SV130-450-212	4/20/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	205	95-63-6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	100-41-4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	100-42-5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	106-93-4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	106-99-0
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	107-06-2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	108-10-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	108-88-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	109-99-9
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	110-54-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	110-82-7
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	115-07-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	120-82-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	123-91-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	124-48-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	127-18-4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	1330-20-7
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	141-78-6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	142-82-5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	179601-23-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	56-23-5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	591-78-6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	64-17-5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	67-63-0
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	67-64-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	67-66-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	71-43-2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	74-87-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-00-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-01-4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-09-2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-15-0
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-25-2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-27-4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-34-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-69-4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	75-71-8
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	76-13-1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	78-93-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	79-01-6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	91-20-3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	95-47-6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102340	84	95-63-6
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	100-41-4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	100-42-5
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	106-93-4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	106-99-0
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	107-06-2
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	108-10-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	108-67-8
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	108-88-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	109-99-9
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	110-54-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	110-82-7
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	115-07-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	120-82-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	123-91-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	124-48-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	127-18-4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	1330-20-7
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	141-78-6
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	179601-23-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	56-23-5
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	591-78-6
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	64-17-5
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	67-63-0
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	67-64-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	67-66-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	71-43-2
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	74-87-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-00-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-01-4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-09-2
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-15-0
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-25-2
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-27-4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-34-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-69-4
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	75-71-8
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	76-13-1
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	78-93-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	79-01-6
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	91-20-3
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	95-47-6
KAFB-106108-025	SV108-025-212	4/19/2021	N	15.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.4	95-63-6
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	100-41-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	100-42-5
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	106-93-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	106-99-0
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	106-93-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	106-99-0
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	107-06-2
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	108-10-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	108-67-8
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	108-88-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	109-99-9
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	110-54-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	110-82-7
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	115-07-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	120-82-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	123-91-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	124-48-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	127-18-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	1330-20-7
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	141-78-6
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	142-82-5
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	179601-23-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	56-23-5
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	591-78-6
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	64-17-5
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	67-63-0
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	67-64-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	67-66-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	71-43-2
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	74-87-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-00-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-01-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-09-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-15-0
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-25-2
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-27-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-34-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-69-4
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	75-71-8
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	76-13-1
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	78-93-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	79-01-6
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	91-20-3
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	95-47-6
KAFB-106108-050	SV108-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	5.05	95-63-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	100-41-4
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	100-42-5
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	106-93-4
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	106-99-0
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	107-06-2
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	108-10-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	108-67-8
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	108-88-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	109-99-9
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	115-07-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	120-82-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	123-91-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	124-48-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	127-18-4
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	1330-20-7
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	141-78-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	1330-20-7
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	141-78-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	142-82-5
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	179601-23-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	56-23-5
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	591-78-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	64-17-5
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	67-63-0
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	67-64-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	67-66-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	71-43-2
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	74-87-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-00-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-01-4
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-09-2
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-15-0
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-25-2
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-27-4
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-34-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-69-4
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	75-71-8
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	76-13-1
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	78-93-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	79-01-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	91-20-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	95-47-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	370	95-63-6
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1850	110-54-3
KAFB-106108-150	SV108-150-212	4/19/2021	N	140.2 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1850	110-82-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	100-41-4
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	100-42-5
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	106-93-4
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	106-99-0
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	107-06-2
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	108-10-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	108-67-8
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	108-88-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	109-99-9
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	110-54-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	110-82-7
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	115-07-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	120-82-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	123-91-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	124-48-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	127-18-4
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	1330-20-7
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	141-78-6
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	142-82-5
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	179601-23-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	56-23-5
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	591-78-6
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	64-17-5
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	67-63-0
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	67-64-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	67-66-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	71-43-2
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	74-87-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-00-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-01-4
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-09-2
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-15-0
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-25-2
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-27-4
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-34-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-69-4
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	75-71-8
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	76-13-1
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	78-93-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	79-01-6
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	91-20-3
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	95-47-6
KAFB-106108-250	SV108-250-212	4/19/2021	N	240.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	9150	95-63-6
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	100-41-4
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	100-42-5
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	106-93-4
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	106-99-0
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	107-06-2
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	108-10-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	108-67-8
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	108-88-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	109-99-9
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	110-54-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	115-07-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	123-91-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	124-48-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	127-18-4
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	1330-20-7
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	141-78-6
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	142-82-5
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	179601-23-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	56-23-5
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	591-78-6
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	64-17-5
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	67-63-0
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	67-64-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	67-66-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	71-43-2
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	74-87-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-00-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-01-4
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-09-2
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-15-0
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-25-2
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-27-4
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-34-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-69-4
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	75-71-8
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	76-13-1
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	78-93-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	79-01-6
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	91-20-3
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	95-47-6
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	33.8	95-63-6
KAFB-106108-350	SV108-350-212	4/19/2021	N	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	113	110-82-7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	100-41-4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	100-42-5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	106-93-4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	106-99-0
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	107-06-2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	108-10-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	108-67-8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	108-88-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	109-99-9
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	110-54-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	110-82-7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	115-07-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	120-82-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	123-91-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	124-48-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	127-18-4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	1330-20-7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	141-78-6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	142-82-5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	179601-23-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	56-23-5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	591-78-6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	64-17-5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	67-63-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	67-64-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	67-66-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	71-43-2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	74-87-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-00-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-01-4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-09-2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-15-0
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-25-2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-27-4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-34-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-69-4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	75-71-8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	76-13-1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	78-93-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	79-01-6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	91-20-3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	95-47-6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	340.3 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	76.8	95-63-6
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	100-41-4
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	100-42-5
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	106-93-4
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	106-99-0
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	107-06-2
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	108-10-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	108-67-8
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	108-88-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	109-99-9
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	110-54-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	110-82-7
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	115-07-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	120-82-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	123-91-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	124-48-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	127-18-4
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	1330-20-7
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	141-78-6
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	142-82-5
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	179601-23-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	56-23-5
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	591-78-6
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	64-17-5
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	67-63-0
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	67-64-1
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	67-66-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	71-43-2
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	74-87-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-00-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-01-4
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-09-2
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-15-0
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-25-2
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-27-4
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-34-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-69-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-71-8
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	78-93-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	79-01-6
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	91-20-3
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	95-47-6
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	95-63-6
KAFB-106108-450	SV108-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	47.5	76-13-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	100-41-4
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	100-42-5
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	106-93-4
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	106-99-0
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	107-06-2
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	108-10-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	108-67-8
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	108-88-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	109-99-9
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	110-54-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	110-82-7
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	115-07-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	120-82-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	123-91-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	124-48-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	127-18-4
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	1330-20-7
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	141-78-6
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	142-82-5
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	179601-23-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	56-23-5
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	591-78-6
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	64-17-5
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	67-63-0
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	67-64-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	67-66-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	71-43-2
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	74-87-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-00-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-01-4
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-09-2
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-15-0
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-25-2
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-27-4
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-34-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-69-4
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	75-71-8
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	76-13-1
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	78-93-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	79-01-6
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	91-20-3
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	95-47-6
KAFB-106112-025	SV112-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.68	95-63-6
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	100-41-4
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	100-42-5
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	106-93-4
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	106-99-0
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	107-06-2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	108-10-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	108-67-8
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	108-88-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	109-99-9
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	110-54-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	110-82-7
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	115-07-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	120-82-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	123-91-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	124-48-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	127-18-4
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	1330-20-7
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	141-78-6
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	142-82-5
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	179601-23-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	56-23-5
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	591-78-6
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	64-17-5
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	67-63-0
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	67-64-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	67-66-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	71-43-2
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	74-87-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-00-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-01-4
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-09-2
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-15-0
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-25-2
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-27-4
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-34-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-69-4
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-71-8
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	76-13-1
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	78-93-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	79-01-6
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	91-20-3
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	95-47-6
KAFB-106112-050	SV112-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	95-63-6
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	100-41-4
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	100-42-5
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	106-93-4
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	106-99-0
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	107-06-2
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	108-10-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	108-67-8
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	108-88-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	109-99-9
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	110-54-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	110-82-7
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	115-07-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	120-82-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	123-91-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	124-48-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	127-18-4
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	1330-20-7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	141-78-6
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	142-82-5
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	179601-23-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	56-23-5
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	591-78-6
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	64-17-5
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	67-63-0
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	67-64-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	67-66-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	71-43-2
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	74-87-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-00-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-01-4
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-09-2
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-15-0
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-25-2
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-27-4
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-34-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-69-4
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	75-71-8
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	76-13-1
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	78-93-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	79-01-6
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	91-20-3
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	95-47-6
KAFB-106112-150	SV112-150-212	4/19/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.25	95-63-6
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	100-41-4
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	100-42-5
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	106-93-4
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	106-99-0
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	107-06-2
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	108-10-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	108-67-8
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	108-88-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	109-99-9
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	110-54-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	110-82-7
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	115-07-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	120-82-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	123-91-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	124-48-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	127-18-4
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	1330-20-7
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	141-78-6
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	142-82-5
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	179601-23-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	56-23-5
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	591-78-6
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	64-17-5
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	67-63-0
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	67-64-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	67-66-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	71-43-2
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	74-87-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-00-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-01-4
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-09-2
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-15-0
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-25-2
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-27-4
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-34-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-69-4
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	75-71-8
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	76-13-1
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	78-93-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	79-01-6
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	91-20-3
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	95-47-6
KAFB-106112-250	SV112-250-212	4/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.65	95-63-6
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	100-41-4
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	100-42-5
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	106-93-4
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	106-99-0
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	107-06-2
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	108-10-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	108-67-8
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	108-88-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	109-99-9
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	110-54-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	110-82-7
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	115-07-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	120-82-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	123-91-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	123-91-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	124-48-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	127-18-4
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	1330-20-7
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	141-78-6
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	142-82-5
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	179601-23-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	56-23-5
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	591-78-6
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	64-17-5
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	67-63-0
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	67-64-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	67-66-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	71-43-2
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	74-87-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-00-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-01-4
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-09-2
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-15-0
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-25-2
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-27-4
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-34-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-69-4
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	75-71-8
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	76-13-1
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	78-93-3
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	79-01-6
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	91-20-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	95-47-6
KAFB-106112-350	SV112-350-212	4/19/2021	N	339 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.33	95-63-6
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	3660	110-54-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	3660	110-82-7
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	3660	142-82-5
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	100-41-4
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	100-42-5
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	106-93-4
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	106-99-0
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	107-06-2
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	108-10-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	108-67-8
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	108-88-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	109-99-9
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	115-07-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	120-82-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	123-91-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	124-48-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	127-18-4
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	1330-20-7
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	141-78-6
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	179601-23-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	56-23-5
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	591-78-6
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	64-17-5
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	67-63-0
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	67-64-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	67-66-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	71-43-2
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	74-87-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-00-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-01-4
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-09-2
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-15-0
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-25-2
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-27-4
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-34-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-69-4
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	75-71-8
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	76-13-1
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	78-93-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	79-01-6
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	91-20-3
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	95-47-6
KAFB-106112-450	SV112-450-212	4/19/2021	N	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	915	95-63-6
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	3420	110-54-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	3420	110-82-7
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	3420	142-82-5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	100-41-4
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	100-42-5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	106-93-4
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	106-99-0
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	107-06-2
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	108-10-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	108-88-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	109-99-9
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	115-07-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	120-82-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	123-91-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	124-48-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	127-18-4
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	1330-20-7
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	141-78-6
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	179601-23-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	56-23-5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	591-78-6
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	64-17-5
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	67-63-0
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	67-64-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	67-66-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	71-43-2
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	74-87-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-00-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-01-4
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-09-2
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-15-0
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-25-2
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-27-4
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-34-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-69-4
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	75-71-8
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	76-13-1
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	78-93-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	79-01-6
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	91-20-3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	95-47-6
KAFB-106112-450	SV112-450-612	4/19/2021	FD	439 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	855	95-63-6
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	100-41-4
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	100-42-5
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	106-93-4
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	106-99-0
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	107-06-2
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	108-10-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	108-67-8
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	108-88-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	109-99-9
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	110-54-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	110-82-7
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	115-07-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	120-82-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	123-91-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	124-48-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	127-18-4
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	1330-20-7
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	141-78-6
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	142-82-5
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	179601-23-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	56-23-5
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	591-78-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	64-17-5
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	67-63-0
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	67-64-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	67-66-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	71-43-2
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	74-87-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-00-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-01-4
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-09-2
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-15-0
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-25-2
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-27-4
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-34-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-69-4
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	75-71-8
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	76-13-1
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	78-93-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	79-01-6
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	91-20-3
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	95-47-6
KAFB-106118-025	SV118-025-212	4/19/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.98	95-63-6
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	100-41-4
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	100-42-5
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	106-93-4
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	106-99-0
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	107-06-2
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	108-10-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	108-67-8
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	108-88-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	109-99-9
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	110-54-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	110-82-7
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	115-07-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	120-82-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	123-91-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	124-48-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	127-18-4
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	1330-20-7
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	141-78-6
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	142-82-5
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	179601-23-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	56-23-5
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	591-78-6
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	64-17-5
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	67-63-0
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	67-64-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	67-66-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	71-43-2
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	74-87-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-00-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-01-4
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-09-2
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-15-0
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-25-2
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-27-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-34-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-69-4
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	75-71-8
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	76-13-1
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	78-93-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	79-01-6
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	91-20-3
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	95-47-6
KAFB-106118-050	SV118-050-212	4/19/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.75	95-63-6
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	100-41-4
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	100-42-5
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	106-93-4
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	106-99-0
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	107-06-2
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	108-10-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	108-67-8
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	108-88-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	109-99-9
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	110-54-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	110-82-7
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	115-07-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	120-82-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	123-91-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	124-48-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	127-18-4
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	1330-20-7
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	141-78-6
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	142-82-5
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	179601-23-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	56-23-5
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	591-78-6
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	64-17-5
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	67-63-0
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	67-64-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	67-66-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	71-43-2
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	74-87-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-00-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-01-4
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-09-2
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-15-0
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-25-2
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-27-4
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-34-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-69-4
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	75-71-8
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	76-13-1
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	78-93-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	79-01-6
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	91-20-3
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	95-47-6
KAFB-106118-160	SV118-160-212	4/19/2021	N	150 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	172	95-63-6
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	100-41-4
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	100-42-5
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	106-93-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	106-99-0
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	107-06-2
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	108-10-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	108-67-8
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	108-88-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	109-99-9
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	110-54-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	110-82-7
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	115-07-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	120-82-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	123-91-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	124-48-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	127-18-4
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	1330-20-7
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	141-78-6
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	142-82-5
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	179601-23-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	56-23-5
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	591-78-6
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	64-17-5
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	67-63-0
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	67-64-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	67-66-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	71-43-2
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	74-87-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-00-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-01-4
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-09-2
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-15-0
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-25-2
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-27-4
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-34-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-69-4
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	75-71-8
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	76-13-1
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	78-93-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	79-01-6
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	91-20-3
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	95-47-6
KAFB-106118-265	SV118-265-212	4/19/2021	N	255 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	1790	95-63-6
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	100-41-4
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	100-42-5
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	106-93-4
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	106-99-0
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	107-06-2
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	108-10-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	108-67-8
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	108-88-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	109-99-9
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	110-54-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	110-82-7
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	115-07-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	120-82-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	123-91-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	124-48-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	127-18-4
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	1330-20-7
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	141-78-6
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	142-82-5
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	179601-23-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	56-23-5
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	591-78-6
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	64-17-5
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	67-63-0
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	67-64-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	67-66-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	71-43-2
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	74-87-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-00-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-01-4
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-09-2
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-15-0
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-25-2
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-27-4
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-34-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-69-4
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	75-71-8
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	76-13-1
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	78-93-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	79-01-6
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	91-20-3
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	95-47-6
KAFB-106118-350	SV118-350-212	4/19/2021	N	340 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	573	95-63-6
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	67-64-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	100-41-4
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	100-42-5
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	106-93-4
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	106-99-0
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	107-06-2
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	108-10-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	108-67-8
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	108-88-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	109-99-9
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	110-54-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	110-82-7
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	115-07-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	120-82-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	123-91-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	124-48-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	127-18-4
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	1330-20-7
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	141-78-6
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	142-82-5
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	179601-23-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	56-23-5
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	591-78-6
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	64-17-5
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	67-63-0
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	67-64-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	67-66-3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	71-43-2
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	74-87-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-00-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-01-4
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-09-2
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-15-0
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-25-2
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-27-4
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-34-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-69-4
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	75-71-8
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	76-13-1
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	78-93-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	79-01-6
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	91-20-3
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	95-47-6
KAFB-106118-450	SV118-450-212	4/19/2021	N	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	97	95-63-6
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	100-41-4
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	100-42-5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	106-93-4
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	106-99-0
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	107-06-2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	108-10-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	108-67-8
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	108-88-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	109-99-9
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	110-54-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	110-82-7
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	115-07-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	120-82-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	123-91-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	124-48-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	127-18-4
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	1330-20-7
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	141-78-6
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	142-82-5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	179601-23-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	56-23-5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	591-78-6
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	64-17-5
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	67-63-0
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	67-64-1
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	67-66-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	71-43-2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	74-87-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-00-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-01-4
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-09-2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-15-0
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-25-2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-27-4
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-34-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-69-4
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	75-71-8
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	76-13-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	78-93-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	79-01-6
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	91-20-3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	95-47-6
KAFB-106118-450	SV118-450-612	4/19/2021	FD	440 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	183	95-63-6
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	100-41-4
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	100-42-5
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	106-93-4
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	106-99-0
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	107-06-2
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	108-10-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	108-67-8
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	108-88-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	109-99-9
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	110-54-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	110-82-7
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	115-07-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	120-82-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	123-91-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	124-48-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	127-18-4
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	1330-20-7
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	141-78-6
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	142-82-5
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	179601-23-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	56-23-5
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	591-78-6
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	64-17-5
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	67-63-0
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	67-64-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	67-66-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	71-43-2
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	74-87-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-00-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-01-4
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-09-2
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-15-0
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-25-2
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-27-4
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-34-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-69-4
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	75-71-8
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	76-13-1
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	78-93-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	79-01-6
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	91-20-3
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	95-47-6
KAFB-106119-025	SV119-025-212	4/20/2021	N	15 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.78	95-63-6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	100-41-4
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	100-42-5
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	106-93-4
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	106-99-0
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	107-06-2
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	108-10-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	108-67-8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	108-88-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	109-99-9
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	110-54-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	110-82-7
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	115-07-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	120-82-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	123-91-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	124-48-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	127-18-4
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	1330-20-7
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	141-78-6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	142-82-5
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	179601-23-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	56-23-5
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	591-78-6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	64-17-5
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	67-63-0
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	67-64-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	67-66-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	71-43-2
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	74-87-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-00-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-01-4
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-09-2
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-15-0
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-25-2
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-27-4
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-34-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-69-4
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	75-71-8
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	76-13-1
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	78-93-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	79-01-6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	91-20-3
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	95-47-6
KAFB-106119-050	SV119-050-212	4/20/2021	N	40 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	4.6	95-63-6
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	100-41-4
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	100-42-5
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	106-93-4
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	106-99-0
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	107-06-2
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	108-10-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	108-67-8
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	108-88-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	109-99-9
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	110-54-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	110-82-7
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	115-07-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	120-82-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	123-91-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	124-48-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	127-18-4
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	1330-20-7
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	141-78-6
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	142-82-5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	179601-23-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	56-23-5
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	591-78-6
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	64-17-5
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	67-63-0
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	67-66-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	71-43-2
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	74-87-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-00-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-01-4
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-09-2
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-15-0
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-25-2
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-27-4
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-34-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-69-4
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	75-71-8
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	76-13-1
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	78-93-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	79-01-6
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	91-20-3
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	95-47-6
KAFB-106119-150	SV119-150-212	4/20/2021	N	140 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102243	8.55	95-63-6
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	100-41-4
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	100-42-5
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	106-93-4
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	106-99-0
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	107-06-2
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	108-10-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	108-67-8
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	108-88-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	109-99-9
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	110-54-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	110-82-7
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	115-07-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	120-82-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	123-91-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	124-48-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	127-18-4
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	1330-20-7
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	141-78-6
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	142-82-5
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	179601-23-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	56-23-5
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	591-78-6
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	64-17-5
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	67-63-0
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	67-64-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	67-66-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	71-43-2
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	74-87-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-00-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-01-4
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-09-2
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-15-0

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-25-2
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-27-4
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-34-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-69-4
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	75-71-8
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	76-13-1
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	78-93-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	79-01-6
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	91-20-3
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	95-47-6
KAFB-106139-250	SV139-250-212	5/19/2021	N	240 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2102853	240	95-63-6
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	100-41-4
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	100-42-5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	106-93-4
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	106-99-0
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	107-06-2
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	108-10-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	108-67-8
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	108-88-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	109-99-9
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	110-54-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	110-82-7
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	115-07-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	120-82-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	123-91-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	124-48-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	127-18-4
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	1330-20-7
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	141-78-6
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	142-82-5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	179601-23-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	56-23-5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	591-78-6
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	64-17-5
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	67-63-0
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	67-64-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	67-66-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	71-43-2
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	74-87-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-00-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-01-4
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-09-2
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-15-0
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-25-2
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-27-4
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-34-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-69-4
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	75-71-8
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	76-13-1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	78-93-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	79-01-6
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	91-20-3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	95-47-6
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	5 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	4.78	95-63-6
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	100-41-4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	100-42-5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	106-93-4
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	106-99-0
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	107-06-2
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	108-10-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	108-67-8
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	108-88-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	109-99-9
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	110-54-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	110-82-7
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	115-07-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	120-82-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	123-91-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	124-48-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	127-18-4
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	1330-20-7
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	141-78-6
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	142-82-5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	179601-23-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	56-23-5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	591-78-6
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	64-17-5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	67-63-0
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	67-64-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	67-66-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	71-43-2
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	74-87-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-00-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-01-4
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-09-2
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-15-0
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-25-2
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-27-4
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-34-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-69-4
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	75-71-8
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	76-13-1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	78-93-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	79-01-6
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	91-20-3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	95-47-6
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	13 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3.87	95-63-6
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	100-41-4
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	100-42-5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	106-93-4
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	106-99-0
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	107-06-2
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	108-10-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	108-67-8
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	108-88-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	109-99-9
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	110-54-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	110-82-7
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	115-07-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	120-82-1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	sample_depth	matrix_code	task_code	analytic_method	fraction	lab_report[a]	dilution_factor	cas_rn
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	123-91-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	124-48-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	127-18-4
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	1330-20-7
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	141-78-6
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	142-82-5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	179601-23-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	56-23-5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	591-78-6
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	64-17-5
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	67-63-0
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	67-64-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	67-66-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	71-43-2
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	74-87-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-00-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-01-4
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-09-2
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-15-0
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-25-2
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-27-4
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-34-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-69-4
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	75-71-8
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	76-13-1
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	78-93-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	79-01-6
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	91-20-3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	95-47-6
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	267 ft	GS	2Q2021-SV	TO-15-ug/m3	N	P2103567	3300	95-63-6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-03-100	SV03-100-212	4/5/2021	N	Hexane	270000		ug/m3	Y	1000
SVMW-03-100	SV03-100-212	4/5/2021	N	Cyclohexane	860000		ug/m3	Y	1400
SVMW-03-100	SV03-100-212	4/5/2021	N	Propylene (propene)	< 3000	U	ug/m3	N	1200
SVMW-03-100	SV03-100-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 3000	U	ug/m3	N	1200
SVMW-03-100	SV03-100-212	4/5/2021	N	1,4-Dioxane	< 1600	U	ug/m3	N	580
SVMW-03-100	SV03-100-212	4/5/2021	N	Dibromochloromethane	< 1600	U	ug/m3	N	650
SVMW-03-100	SV03-100-212	4/5/2021	N	Tetrachloroethene	< 1600	U	ug/m3	N	640
SVMW-03-100	SV03-100-212	4/5/2021	N	Xylenes, total	25000		ug/m3	Y	1300
SVMW-03-100	SV03-100-212	4/5/2021	N	Ethyl acetate	< 6000	U	ug/m3	N	2600
SVMW-03-100	SV03-100-212	4/5/2021	N	n-Heptane	180000		ug/m3	Y	790
SVMW-03-100	SV03-100-212	4/5/2021	N	m- & p-Xylenes	22000		ug/m3	Y	1300
SVMW-03-100	SV03-100-212	4/5/2021	N	Carbon tetrachloride	< 1600	U	ug/m3	N	680
SVMW-03-100	SV03-100-212	4/5/2021	N	2-Hexanone	< 1600	U	ug/m3	N	610
SVMW-03-100	SV03-100-212	4/5/2021	N	Ethanol	< 7700	U	ug/m3	N	3400
SVMW-03-100	SV03-100-212	4/5/2021	N	Isopropyl alcohol	< 5800	U	ug/m3	N	2000
SVMW-03-100	SV03-100-212	4/5/2021	N	Acetone	< 25000	U	ug/m3	N	11000
SVMW-03-100	SV03-100-212	4/5/2021	N	Chloroform	< 1600	U	ug/m3	N	660
SVMW-03-100	SV03-100-212	4/5/2021	N	Benzene	27000		ug/m3	Y	710
SVMW-03-100	SV03-100-212	4/5/2021	N	Chloromethane	< 3000	U	ug/m3	N	790
SVMW-03-100	SV03-100-212	4/5/2021	N	Chloroethane	< 3000	U	ug/m3	N	610
SVMW-03-100	SV03-100-212	4/5/2021	N	Vinyl chloride	< 1600	U	ug/m3	N	530
SVMW-03-100	SV03-100-212	4/5/2021	N	Methylene chloride	< 3000	U	ug/m3	N	1400
SVMW-03-100	SV03-100-212	4/5/2021	N	Carbon disulfide	< 5000	U	ug/m3	N	1500
SVMW-03-100	SV03-100-212	4/5/2021	N	Bromoform	< 3000	U	ug/m3	N	1000
SVMW-03-100	SV03-100-212	4/5/2021	N	Bromodichloromethane	< 1600	U	ug/m3	N	710
SVMW-03-100	SV03-100-212	4/5/2021	N	1,1-Dichloroethane	< 3000	U	ug/m3	N	720
SVMW-03-100	SV03-100-212	4/5/2021	N	Trichlorofluoromethane	< 3000	U	ug/m3	N	750
SVMW-03-100	SV03-100-212	4/5/2021	N	Dichlorodifluoromethane	< 3000	U	ug/m3	N	800
SVMW-03-100	SV03-100-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1600	U	ug/m3	N	700
SVMW-03-100	SV03-100-212	4/5/2021	N	2-Butanone	< 3000	U	ug/m3	N	1000
SVMW-03-100	SV03-100-212	4/5/2021	N	Trichloroethene	< 1600	U	ug/m3	N	670
SVMW-03-100	SV03-100-212	4/5/2021	N	Naphthalene	< 2900	U	ug/m3	N	1200
SVMW-03-100	SV03-100-212	4/5/2021	N	o-Xylene	2800	J	ug/m3	Y	710
SVMW-03-100	SV03-100-212	4/5/2021	N	1,2,4-Trimethylbenzene	870	J	ug/m3	Y	680
SVMW-09-250	SV09-250-212	4/5/2021	N	Hexane	1000000		ug/m3	Y	2200
SVMW-09-250	SV09-250-212	4/5/2021	N	n-Heptane	1500000		ug/m3	Y	1700
SVMW-09-266	SV09-266-212	4/5/2021	N	Ethylbenzene	150000		ug/m3	Y	2500
SVMW-09-266	SV09-266-212	4/5/2021	N	Styrene	< 11000	U	ug/m3	N	2900
SVMW-09-266	SV09-266-212	4/5/2021	N	1,2-Dibromoethane	9200	J	ug/m3	Y	2100
SVMW-09-266	SV09-266-212	4/5/2021	N	1,3-Butadiene	< 11000	U	ug/m3	N	3000
SVMW-09-266	SV09-266-212	4/5/2021	N	1,2-Dichloroethane	< 5700	U	ug/m3	N	2000
SVMW-09-266	SV09-266-212	4/5/2021	N	4-Methyl-2-pentanone	< 5700	U	ug/m3	N	2500
SVMW-09-266	SV09-266-212	4/5/2021	N	1,3,5-Trimethylbenzene	9900	J	ug/m3	Y	2600
SVMW-09-266	SV09-266-212	4/5/2021	N	Toluene	2200000		ug/m3	Y	2200
SVMW-09-266	SV09-266-212	4/5/2021	N	Tetrahydrofuran	< 5700	U	ug/m3	N	2200
SVMW-09-266	SV09-266-212	4/5/2021	N	Hexane	2700000		ug/m3	Y	3700
SVMW-09-266	SV09-266-212	4/5/2021	N	Cyclohexane	2300000		ug/m3	Y	5000
SVMW-09-266	SV09-266-212	4/5/2021	N	Propylene (propene)	12000	J	ug/m3	Y	4400
SVMW-09-266	SV09-266-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 11000	U	ug/m3	N	4400
SVMW-09-266	SV09-266-212	4/5/2021	N	1,4-Dioxane	< 5700	U	ug/m3	N	2100
SVMW-09-266	SV09-266-212	4/5/2021	N	Dibromochloromethane	< 5700	U	ug/m3	N	2400
SVMW-09-266	SV09-266-212	4/5/2021	N	Tetrachloroethene	< 5700	U	ug/m3	N	2300
SVMW-09-266	SV09-266-212	4/5/2021	N	Xylenes, total	450000		ug/m3	Y	4700
SVMW-09-266	SV09-266-212	4/5/2021	N	Ethyl acetate	< 22000	U	ug/m3	N	9400
SVMW-09-266	SV09-266-212	4/5/2021	N	n-Heptane	2100000		ug/m3	Y	2900

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-09-266	SV09-266-212	4/5/2021	N	m- & p-Xylenes	350000		ug/m3	Y	4700
SVMW-09-266	SV09-266-212	4/5/2021	N	Carbon tetrachloride	< 5700	U	ug/m3	N	2500
SVMW-09-266	SV09-266-212	4/5/2021	N	2-Hexanone	< 5700	U	ug/m3	N	2200
SVMW-09-266	SV09-266-212	4/5/2021	N	Ethanol	< 28000	U	ug/m3	N	12000
SVMW-09-266	SV09-266-212	4/5/2021	N	Isopropyl alcohol	< 21000	U	ug/m3	N	7400
SVMW-09-266	SV09-266-212	4/5/2021	N	Acetone	< 91000	U	ug/m3	N	40000
SVMW-09-266	SV09-266-212	4/5/2021	N	Chloroform	< 5700	U	ug/m3	N	2400
SVMW-09-266	SV09-266-212	4/5/2021	N	Benzene	940000		ug/m3	Y	2600
SVMW-09-266	SV09-266-212	4/5/2021	N	Chloromethane	< 11000	U	ug/m3	N	2900
SVMW-09-266	SV09-266-212	4/5/2021	N	Chloroethane	< 11000	U	ug/m3	N	2200
SVMW-09-266	SV09-266-212	4/5/2021	N	Vinyl chloride	< 5700	U	ug/m3	N	1900
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Ethylbenzene	< 90	U	ug/m3	N	40
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Styrene	< 170	U	ug/m3	N	46
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,2-Dibromoethane	< 90	U	ug/m3	N	33
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,3-Butadiene	< 170	U	ug/m3	N	47
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,2-Dichloroethane	< 90	U	ug/m3	N	31
KAFB-106111-050	SV111-050-612	4/6/2021	FD	4-Methyl-2-pentanone	< 90	U	ug/m3	N	39
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,3,5-Trimethylbenzene	< 90	U	ug/m3	N	41
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Toluene	< 90	U	ug/m3	N	34
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Tetrahydrofuran	< 90	U	ug/m3	N	36
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Hexane	69	J	ug/m3	Y	58
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Cyclohexane	< 180	U	ug/m3	N	80
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Propylene (propene)	< 170	U	ug/m3	N	69
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,2,4-Trichlorobenzene	< 170	U	ug/m3	N	69
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,4-Dioxane	< 90	U	ug/m3	N	33
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Dibromochloromethane	< 90	U	ug/m3	N	37
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Tetrachloroethene	< 90	U	ug/m3	N	37
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Xylenes, total	90	J	ug/m3	Y	74
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Ethyl acetate	160	J	ug/m3	Y	150
KAFB-106111-050	SV111-050-612	4/6/2021	FD	n-Heptane	< 170	U	ug/m3	N	45
KAFB-106111-050	SV111-050-612	4/6/2021	FD	m- & p-Xylenes	90	J	ug/m3	Y	74
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Carbon tetrachloride	72	J	ug/m3	Y	39
KAFB-106111-050	SV111-050-612	4/6/2021	FD	2-Hexanone	< 90	U	ug/m3	N	35
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Ethanol	3100		ug/m3	Y	200
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Isopropyl alcohol	410	J	ug/m3	Y	120
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Acetone	650	J	ug/m3	Y	640
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Chloroform	< 90	U	ug/m3	N	38
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Benzene	1200		ug/m3	Y	41
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Chloromethane	< 170	U	ug/m3	N	46
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Chloroethane	< 170	U	ug/m3	N	35
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Vinyl chloride	< 90	U	ug/m3	N	30
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Methylene chloride	400		ug/m3	Y	80
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Carbon disulfide	< 290	U	ug/m3	N	85
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Bromoform	< 170	U	ug/m3	N	58
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Bromodichloromethane	< 90	U	ug/m3	N	41
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,1-Dichloroethane	< 170	U	ug/m3	N	41
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Trichlorofluoromethane	< 170	U	ug/m3	N	43
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Dichlorodifluoromethane	83	J	ug/m3	Y	46
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	98	J	ug/m3	Y	40
KAFB-106111-050	SV111-050-612	4/6/2021	FD	2-Butanone	76	J	ug/m3	Y	58
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Trichloroethene	< 90	U	ug/m3	N	38
KAFB-106111-050	SV111-050-612	4/6/2021	FD	Naphthalene	< 160	U	ug/m3	N	69
KAFB-106111-050	SV111-050-612	4/6/2021	FD	o-Xylene	< 90	U	ug/m3	N	41
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1,2,4-Trimethylbenzene	< 90	U	ug/m3	N	39
KAFB-106117-250	SV117-250-212	4/6/2021	N	Ethylbenzene	< 560	U	ug/m3	N	250

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106117-250	SV117-250-212	4/6/2021	N	Styrene	< 1000	U	ug/m3	N	280
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,2-Dibromoethane	< 560	U	ug/m3	N	200
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,3-Butadiene	< 1000	U	ug/m3	N	290
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,2-Dichloroethane	< 560	U	ug/m3	N	190
KAFB-106117-250	SV117-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 560	U	ug/m3	N	240
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	420	J	ug/m3	Y	250
KAFB-106117-250	SV117-250-212	4/6/2021	N	Toluene	560	J	ug/m3	Y	210
KAFB-106117-250	SV117-250-212	4/6/2021	N	Tetrahydrofuran	< 560	U	ug/m3	N	220
KAFB-106117-250	SV117-250-212	4/6/2021	N	Hexane	36000		ug/m3	Y	360
KAFB-106117-250	SV117-250-212	4/6/2021	N	Cyclohexane	200000		ug/m3	Y	490
KAFB-106117-250	SV117-250-212	4/6/2021	N	Propylene (propene)	< 1000	U	ug/m3	N	420
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1000	U	ug/m3	N	420
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,4-Dioxane	< 560	U	ug/m3	N	210
KAFB-106117-250	SV117-250-212	4/6/2021	N	Dibromochloromethane	< 560	U	ug/m3	N	230
KAFB-106117-250	SV117-250-212	4/6/2021	N	Tetrachloroethene	< 560	U	ug/m3	N	230
KAFB-106117-250	SV117-250-212	4/6/2021	N	Xylenes, total	4200		ug/m3	Y	460
KAFB-106117-250	SV117-250-212	4/6/2021	N	Ethyl acetate	< 2100	U	ug/m3	N	910
KAFB-106117-250	SV117-250-212	4/6/2021	N	n-Heptane	35000		ug/m3	Y	280
KAFB-106117-250	SV117-250-212	4/6/2021	N	m- & p-Xylenes	1300	J	ug/m3	Y	460
KAFB-106117-250	SV117-250-212	4/6/2021	N	Carbon tetrachloride	< 560	U	ug/m3	N	240
KAFB-106117-250	SV117-250-212	4/6/2021	N	2-Hexanone	< 560	U	ug/m3	N	220
KAFB-106117-250	SV117-250-212	4/6/2021	N	Ethanol	< 2700	U	ug/m3	N	1200
KAFB-106117-250	SV117-250-212	4/6/2021	N	Isopropyl alcohol	< 2100	U	ug/m3	N	720
KAFB-106117-250	SV117-250-212	4/6/2021	N	Acetone	< 8800	U	ug/m3	N	3900
KAFB-106117-250	SV117-250-212	4/6/2021	N	Chloroform	< 560	U	ug/m3	N	230
KAFB-106117-250	SV117-250-212	4/6/2021	N	Benzene	3200		ug/m3	Y	250
KAFB-106117-250	SV117-250-212	4/6/2021	N	Chloromethane	< 1000	U	ug/m3	N	280
KAFB-106117-250	SV117-250-212	4/6/2021	N	Chloroethane	< 1000	U	ug/m3	N	220
KAFB-106117-250	SV117-250-212	4/6/2021	N	Vinyl chloride	< 560	U	ug/m3	N	190
KAFB-106117-250	SV117-250-212	4/6/2021	N	Methylene chloride	< 1000	U	ug/m3	N	490
KAFB-106117-250	SV117-250-212	4/6/2021	N	Carbon disulfide	< 1800	U	ug/m3	N	520
KAFB-106117-250	SV117-250-212	4/6/2021	N	Bromoform	< 1000	U	ug/m3	N	360
KAFB-106117-250	SV117-250-212	4/6/2021	N	Bromodichloromethane	< 560	U	ug/m3	N	250
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,1-Dichloroethane	< 1100	U	ug/m3	N	250
KAFB-106117-250	SV117-250-212	4/6/2021	N	Trichlorofluoromethane	< 1000	U	ug/m3	N	260
KAFB-106117-250	SV117-250-212	4/6/2021	N	Dichlorodifluoromethane	< 1000	U	ug/m3	N	280
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 560	U	ug/m3	N	250
KAFB-106117-250	SV117-250-212	4/6/2021	N	2-Butanone	< 1000	U	ug/m3	N	360
KAFB-106117-250	SV117-250-212	4/6/2021	N	Trichloroethene	< 560	U	ug/m3	N	240
KAFB-106117-250	SV117-250-212	4/6/2021	N	Naphthalene	< 1000	U	ug/m3	N	420
KAFB-106117-250	SV117-250-212	4/6/2021	N	o-Xylene	2900		ug/m3	Y	250
KAFB-106117-250	SV117-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 560	U	ug/m3	N	240
KAFB-106125-050	SV125-050-212	4/5/2021	N	Benzene	< 0.87	U	ug/m3	N	0.39
KAFB-106125-050	SV125-050-212	4/5/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.44
KAFB-106125-050	SV125-050-212	4/5/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.34
KAFB-106125-050	SV125-050-212	4/5/2021	N	Vinyl chloride	< 0.87	U	ug/m3	N	0.29
KAFB-106125-050	SV125-050-212	4/5/2021	N	Methylene chloride	2.7		ug/m3	Y	0.77
KAFB-106125-050	SV125-050-212	4/5/2021	N	Carbon disulfide	2.2	J	ug/m3	Y	0.82
KAFB-106125-050	SV125-050-212	4/5/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106125-050	SV125-050-212	4/5/2021	N	Bromodichloromethane	230		ug/m3	Y	0.39
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106125-050	SV125-050-212	4/5/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.41
KAFB-106125-050	SV125-050-212	4/5/2021	N	Dichlorodifluoromethane	2.6	J	ug/m3	Y	0.44
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	J	ug/m3	Y	0.39
KAFB-106125-050	SV125-050-212	4/5/2021	N	2-Butanone	0.93	J	ug/m3	Y	0.56

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106125-050	SV125-050-212	4/5/2021	N	Trichloroethene	2.7		ug/m3	Y	0.37
KAFB-106125-050	SV125-050-212	4/5/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106125-050	SV125-050-212	4/5/2021	N	o-Xylene	< 0.87	U	ug/m3	N	0.39
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.87	U	ug/m3	N	0.38
KAFB-106125-050	SV125-050-212	4/5/2021	N	Chloroform	1300		ug/m3	Y	3.6
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Ethylbenzene	0.8	J	ug/m3	Y	0.35
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Styrene	0.46	J	ug/m3	Y	0.4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.28
KAFB-106133-250	SV133-250-612	4/6/2021	FD	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,3,5-Trimethylbenzene	< 0.79	U	ug/m3	N	0.36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Toluene	26		ug/m3	Y	0.3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Tetrahydrofuran	11		ug/m3	Y	0.31
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Hexane	2.7		ug/m3	Y	0.51
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Cyclohexane	0.95	J	ug/m3	Y	0.7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Propylene (propene)	1.6	J	ug/m3	Y	0.61
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Dibromochloromethane	< 0.79	U	ug/m3	N	0.33
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Tetrachloroethene	16		ug/m3	Y	0.32
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Xylenes, total	3.4	J	ug/m3	Y	0.65
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Ethyl acetate	93		ug/m3	Y	1.3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	n-Heptane	1	J	ug/m3	Y	0.4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	m- & p-Xylenes	2.5	J	ug/m3	Y	0.65
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Carbon tetrachloride	6.9		ug/m3	Y	0.35
KAFB-106133-250	SV133-250-612	4/6/2021	FD	2-Hexanone	< 0.79	U	ug/m3	N	0.31
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Ethanol	43		ug/m3	Y	1.7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Isopropyl alcohol	8.4		ug/m3	Y	1
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Acetone	44		ug/m3	Y	5.6
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Chloroform	3		ug/m3	Y	0.33
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Benzene	3.5		ug/m3	Y	0.36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Chloromethane	0.7	J	ug/m3	Y	0.4
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Vinyl chloride	< 0.79	U	ug/m3	N	0.27
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Methylene chloride	1.8	J	ug/m3	Y	0.7
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Carbon disulfide	17		ug/m3	Y	0.75
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Trichlorofluoromethane	0.94	J	ug/m3	Y	0.38
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Dichlorodifluoromethane	2.2	J	ug/m3	Y	0.41
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	11		ug/m3	Y	0.36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	2-Butanone	6.5		ug/m3	Y	0.51
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Naphthalene	< 1.4	U	ug/m3	N	0.61
KAFB-106133-250	SV133-250-612	4/6/2021	FD	o-Xylene	0.91	J	ug/m3	Y	0.36
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1,2,4-Trimethylbenzene	0.55	J	ug/m3	Y	0.35
KAFB-106133-250	SV133-250-612	4/6/2021	FD	Trichloroethene	1400		ug/m3	Y	4.3
SVMW-03-250	SV03-250-212	4/5/2021	N	Ethylbenzene	160000		ug/m3	Y	1700
SVMW-03-250	SV03-250-212	4/5/2021	N	Styrene	< 7400	U	ug/m3	N	2000
SVMW-03-250	SV03-250-212	4/5/2021	N	1,2-Dibromoethane	8200	J	ug/m3	Y	1400
SVMW-03-250	SV03-250-212	4/5/2021	N	1,3-Butadiene	< 7400	U	ug/m3	N	2000
SVMW-03-250	SV03-250-212	4/5/2021	N	1,2-Dichloroethane	< 3900	U	ug/m3	N	1400
SVMW-03-250	SV03-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 3900	U	ug/m3	N	1700
SVMW-03-250	SV03-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	19000		ug/m3	Y	1800

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-03-250	SV03-250-212	4/5/2021	N	Toluene	1500000		ug/m3	Y	1500
SVMW-03-250	SV03-250-212	4/5/2021	N	Tetrahydrofuran	< 3900	U	ug/m3	N	1500
SVMW-03-250	SV03-250-212	4/5/2021	N	Hexane	1500000		ug/m3	Y	2500
SVMW-03-250	SV03-250-212	4/5/2021	N	Cyclohexane	1700000		ug/m3	Y	3500
SVMW-03-250	SV03-250-212	4/5/2021	N	Propylene (propene)	< 7400	U	ug/m3	N	3000
SVMW-03-250	SV03-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 7400	U	ug/m3	N	3000
SVMW-03-250	SV03-250-212	4/5/2021	N	1,4-Dioxane	< 3900	U	ug/m3	N	1500
SVMW-03-250	SV03-250-212	4/5/2021	N	Dibromochloromethane	< 3900	U	ug/m3	N	1600
SVMW-03-250	SV03-250-212	4/5/2021	N	Tetrachloroethene	< 3900	U	ug/m3	N	1600
SVMW-03-250	SV03-250-212	4/5/2021	N	Xylenes, total	590000		ug/m3	Y	3200
SVMW-03-250	SV03-250-212	4/5/2021	N	Ethyl acetate	< 15000	U	ug/m3	N	6500
SVMW-03-250	SV03-250-212	4/5/2021	N	n-Heptane	1800000		ug/m3	Y	2000
SVMW-03-250	SV03-250-212	4/5/2021	N	m- & p-Xylenes	450000		ug/m3	Y	3200
SVMW-03-250	SV03-250-212	4/5/2021	N	Carbon tetrachloride	< 3900	U	ug/m3	N	1700
SVMW-03-250	SV03-250-212	4/5/2021	N	2-Hexanone	< 3900	U	ug/m3	N	1500
SVMW-03-250	SV03-250-212	4/5/2021	N	Ethanol	< 19000	U	ug/m3	N	8500
SVMW-03-250	SV03-250-212	4/5/2021	N	Isopropyl alcohol	< 15000	U	ug/m3	N	5100
SVMW-03-250	SV03-250-212	4/5/2021	N	Acetone	< 62000	U	ug/m3	N	28000
SVMW-03-250	SV03-250-212	4/5/2021	N	Chloroform	< 3900	U	ug/m3	N	1600
SVMW-03-250	SV03-250-212	4/5/2021	N	Benzene	460000		ug/m3	Y	1800
SVMW-03-250	SV03-250-212	4/5/2021	N	Chloromethane	< 7400	U	ug/m3	N	2000
SVMW-03-250	SV03-250-212	4/5/2021	N	Chloroethane	< 7400	U	ug/m3	N	1500
SVMW-03-250	SV03-250-212	4/5/2021	N	Vinyl chloride	< 3900	U	ug/m3	N	1300
SVMW-03-250	SV03-250-212	4/5/2021	N	Methylene chloride	< 7400	U	ug/m3	N	3500
SVMW-03-250	SV03-250-212	4/5/2021	N	Carbon disulfide	< 12000	U	ug/m3	N	3700
SVMW-03-250	SV03-250-212	4/5/2021	N	Bromoform	< 7400	U	ug/m3	N	2500
SVMW-03-250	SV03-250-212	4/5/2021	N	Bromodichloromethane	< 3900	U	ug/m3	N	1800
SVMW-03-250	SV03-250-212	4/5/2021	N	1,1-Dichloroethane	< 7600	U	ug/m3	N	1800
SVMW-03-250	SV03-250-212	4/5/2021	N	Trichlorofluoromethane	< 7400	U	ug/m3	N	1900
SVMW-03-250	SV03-250-212	4/5/2021	N	Dichlorodifluoromethane	< 7400	U	ug/m3	N	2000
SVMW-03-250	SV03-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3900	U	ug/m3	N	1800
SVMW-03-250	SV03-250-212	4/5/2021	N	2-Butanone	< 7400	U	ug/m3	N	2500
SVMW-03-250	SV03-250-212	4/5/2021	N	Trichloroethene	< 3900	U	ug/m3	N	1700
SVMW-03-250	SV03-250-212	4/5/2021	N	Naphthalene	< 7200	U	ug/m3	N	3000
SVMW-03-250	SV03-250-212	4/5/2021	N	o-Xylene	140000		ug/m3	Y	1800
SVMW-03-250	SV03-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	26000		ug/m3	Y	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	Ethylbenzene	240000		ug/m3	Y	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	Styrene	< 7100	U	ug/m3	N	1900
SVMW-03-300	SV03-300-212	4/5/2021	N	1,2-Dibromoethane	6500	J	ug/m3	Y	1400
SVMW-03-300	SV03-300-212	4/5/2021	N	1,3-Butadiene	< 7100	U	ug/m3	N	2000
SVMW-03-300	SV03-300-212	4/5/2021	N	1,2-Dichloroethane	< 3800	U	ug/m3	N	1300
SVMW-03-300	SV03-300-212	4/5/2021	N	4-Methyl-2-pentanone	< 3800	U	ug/m3	N	1600
SVMW-03-300	SV03-300-212	4/5/2021	N	1,3,5-Trimethylbenzene	33000		ug/m3	Y	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	Toluene	1600000		ug/m3	Y	1400
SVMW-03-300	SV03-300-212	4/5/2021	N	Tetrahydrofuran	< 3800	U	ug/m3	N	1500
SVMW-03-300	SV03-300-212	4/5/2021	N	Hexane	1100000		ug/m3	Y	2400
SVMW-03-300	SV03-300-212	4/5/2021	N	Cyclohexane	1600000		ug/m3	Y	3300
SVMW-03-300	SV03-300-212	4/5/2021	N	Propylene (propene)	3100	J	ug/m3	Y	2900
SVMW-03-300	SV03-300-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 7100	U	ug/m3	N	2900
SVMW-03-300	SV03-300-212	4/5/2021	N	1,4-Dioxane	< 3800	U	ug/m3	N	1400
SVMW-03-300	SV03-300-212	4/5/2021	N	Dibromochloromethane	< 3800	U	ug/m3	N	1600
SVMW-03-300	SV03-300-212	4/5/2021	N	Tetrachloroethene	< 3800	U	ug/m3	N	1500
SVMW-03-300	SV03-300-212	4/5/2021	N	Xylenes, total	850000		ug/m3	Y	3100
SVMW-03-300	SV03-300-212	4/5/2021	N	Ethyl acetate	< 14000	U	ug/m3	N	6200
SVMW-03-300	SV03-300-212	4/5/2021	N	n-Heptane	1400000		ug/m3	Y	1900

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-03-300	SV03-300-212	4/5/2021	N	m- & p-Xylenes	650000		ug/m3	Y	3100
SVMW-03-300	SV03-300-212	4/5/2021	N	Carbon tetrachloride	< 3800	U	ug/m3	N	1600
SVMW-03-300	SV03-300-212	4/5/2021	N	2-Hexanone	< 3800	U	ug/m3	N	1500
SVMW-03-300	SV03-300-212	4/5/2021	N	Ethanol	< 18000	U	ug/m3	N	8200
SVMW-03-300	SV03-300-212	4/5/2021	N	Isopropyl alcohol	< 14000	U	ug/m3	N	4900
SVMW-03-300	SV03-300-212	4/5/2021	N	Acetone	< 60000	U	ug/m3	N	27000
SVMW-03-300	SV03-300-212	4/5/2021	N	Chloroform	< 3800	U	ug/m3	N	1600
SVMW-03-300	SV03-300-212	4/5/2021	N	Benzene	380000		ug/m3	Y	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	Chloromethane	< 7100	U	ug/m3	N	1900
SVMW-03-300	SV03-300-212	4/5/2021	N	Chloroethane	< 7100	U	ug/m3	N	1500
SVMW-03-300	SV03-300-212	4/5/2021	N	Vinyl chloride	< 3800	U	ug/m3	N	1300
SVMW-03-300	SV03-300-212	4/5/2021	N	Methylene chloride	< 7100	U	ug/m3	N	3300
SVMW-03-300	SV03-300-212	4/5/2021	N	Carbon disulfide	< 12000	U	ug/m3	N	3600
SVMW-03-300	SV03-300-212	4/5/2021	N	Bromoform	< 7100	U	ug/m3	N	2400
SVMW-03-300	SV03-300-212	4/5/2021	N	Bromodichloromethane	< 3800	U	ug/m3	N	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	1,1-Dichloroethane	< 7300	U	ug/m3	N	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	Trichlorofluoromethane	< 7100	U	ug/m3	N	1800
SVMW-03-300	SV03-300-212	4/5/2021	N	Dichlorodifluoromethane	< 7100	U	ug/m3	N	1900
SVMW-03-300	SV03-300-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3800	U	ug/m3	N	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	2-Butanone	< 7100	U	ug/m3	N	2400
SVMW-03-300	SV03-300-212	4/5/2021	N	Trichloroethene	< 3800	U	ug/m3	N	1600
SVMW-03-300	SV03-300-212	4/5/2021	N	Naphthalene	< 6900	U	ug/m3	N	2900
SVMW-03-300	SV03-300-212	4/5/2021	N	o-Xylene	200000		ug/m3	Y	1700
SVMW-03-300	SV03-300-212	4/5/2021	N	1,2,4-Trimethylbenzene	78000		ug/m3	Y	1600
SVMW-04-050	SV04-050-212	4/5/2021	N	Ethylbenzene	< 3700	U	ug/m3	N	1600
SVMW-04-050	SV04-050-212	4/5/2021	N	Styrene	< 6900	U	ug/m3	N	1800
SVMW-04-050	SV04-050-212	4/5/2021	N	1,2-Dibromoethane	< 3700	U	ug/m3	N	1300
SVMW-04-050	SV04-050-212	4/5/2021	N	1,3-Butadiene	< 6900	U	ug/m3	N	1900
SVMW-04-050	SV04-050-212	4/5/2021	N	1,2-Dichloroethane	< 3700	U	ug/m3	N	1300
SVMW-04-050	SV04-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 3700	U	ug/m3	N	1600
SVMW-04-050	SV04-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 3700	U	ug/m3	N	1700
SVMW-04-050	SV04-050-212	4/5/2021	N	Toluene	2500	J	ug/m3	Y	1400
SVMW-04-050	SV04-050-212	4/5/2021	N	Tetrahydrofuran	< 3700	U	ug/m3	N	1400
SVMW-04-050	SV04-050-212	4/5/2021	N	Hexane	< 6900	U	ug/m3	N	2400
SVMW-04-050	SV04-050-212	4/5/2021	N	Cyclohexane	< 7300	U	ug/m3	N	3200
SVMW-04-050	SV04-050-212	4/5/2021	N	Propylene (propene)	< 6900	U	ug/m3	N	2800
SVMW-04-050	SV04-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 6900	U	ug/m3	N	2800
SVMW-04-050	SV04-050-212	4/5/2021	N	1,4-Dioxane	< 3700	U	ug/m3	N	1400
SVMW-04-050	SV04-050-212	4/5/2021	N	Dibromochloromethane	< 3700	U	ug/m3	N	1500
SVMW-04-050	SV04-050-212	4/5/2021	N	Tetrachloroethene	< 3700	U	ug/m3	N	1500
SVMW-04-050	SV04-050-212	4/5/2021	N	Xylenes, total	< 7300	U	ug/m3	N	3000
SVMW-04-050	SV04-050-212	4/5/2021	N	Ethyl acetate	< 14000	U	ug/m3	N	6000
SVMW-04-050	SV04-050-212	4/5/2021	N	n-Heptane	< 6900	U	ug/m3	N	1800
SVMW-04-050	SV04-050-212	4/5/2021	N	m- & p-Xylenes	< 7300	U	ug/m3	N	3000
SVMW-04-050	SV04-050-212	4/5/2021	N	Carbon tetrachloride	< 3700	U	ug/m3	N	1600
SVMW-04-050	SV04-050-212	4/5/2021	N	2-Hexanone	< 3700	U	ug/m3	N	1400
SVMW-04-050	SV04-050-212	4/5/2021	N	Ethanol	< 18000	U	ug/m3	N	8000
SVMW-04-050	SV04-050-212	4/5/2021	N	Isopropyl alcohol	< 14000	U	ug/m3	N	4700
SVMW-04-050	SV04-050-212	4/5/2021	N	Acetone	< 58000	U	ug/m3	N	26000
SVMW-04-050	SV04-050-212	4/5/2021	N	Chloroform	< 3700	U	ug/m3	N	1500
SVMW-04-050	SV04-050-212	4/5/2021	N	Benzene	39000		ug/m3	Y	1700
SVMW-04-050	SV04-050-212	4/5/2021	N	Chloromethane	< 6900	U	ug/m3	N	1800
SVMW-04-050	SV04-050-212	4/5/2021	N	Chloroethane	< 6900	U	ug/m3	N	1400
SVMW-04-050	SV04-050-212	4/5/2021	N	Vinyl chloride	< 3700	U	ug/m3	N	1200
SVMW-04-050	SV04-050-212	4/5/2021	N	Methylene chloride	< 6900	U	ug/m3	N	3200

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-04-050	SV04-050-212	4/5/2021	N	Carbon disulfide	< 12000	U	ug/m3	N	3400
SVMW-04-050	SV04-050-212	4/5/2021	N	Bromoform	< 6900	U	ug/m3	N	2400
SVMW-04-050	SV04-050-212	4/5/2021	N	Bromodichloromethane	< 3700	U	ug/m3	N	1700
SVMW-04-050	SV04-050-212	4/5/2021	N	1,1-Dichloroethane	< 7100	U	ug/m3	N	1700
SVMW-04-050	SV04-050-212	4/5/2021	N	Trichlorofluoromethane	< 6900	U	ug/m3	N	1700
SVMW-04-050	SV04-050-212	4/5/2021	N	Dichlorodifluoromethane	< 6900	U	ug/m3	N	1900
SVMW-04-050	SV04-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3700	U	ug/m3	N	1600
SVMW-04-050	SV04-050-212	4/5/2021	N	2-Butanone	< 6900	U	ug/m3	N	2400
SVMW-04-050	SV04-050-212	4/5/2021	N	Trichloroethene	< 3700	U	ug/m3	N	1500
SVMW-04-050	SV04-050-212	4/5/2021	N	Naphthalene	< 6700	U	ug/m3	N	2800
SVMW-04-050	SV04-050-212	4/5/2021	N	o-Xylene	< 3700	U	ug/m3	N	1700
SVMW-04-050	SV04-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 3700	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	Ethylbenzene	< 3600	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	Styrene	< 6700	U	ug/m3	N	1800
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,2-Dibromoethane	< 3600	U	ug/m3	N	1300
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,3-Butadiene	< 6700	U	ug/m3	N	1800
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,2-Dichloroethane	< 3600	U	ug/m3	N	1200
SVMW-04-050	SV04-050-612	4/5/2021	FD	4-Methyl-2-pentanone	< 3600	U	ug/m3	N	1500
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,3,5-Trimethylbenzene	< 3600	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	Toluene	3900	J	ug/m3	Y	1400
SVMW-04-050	SV04-050-612	4/5/2021	FD	Tetrahydrofuran	< 3600	U	ug/m3	N	1400
SVMW-04-050	SV04-050-612	4/5/2021	FD	Hexane	< 6700	U	ug/m3	N	2300
SVMW-04-050	SV04-050-612	4/5/2021	FD	Cyclohexane	< 7100	U	ug/m3	N	3200
SVMW-04-050	SV04-050-612	4/5/2021	FD	Propylene (propene)	< 6700	U	ug/m3	N	2700
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,2,4-Trichlorobenzene	< 6700	U	ug/m3	N	2700
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,4-Dioxane	< 3600	U	ug/m3	N	1300
SVMW-04-050	SV04-050-612	4/5/2021	FD	Dibromochloromethane	< 3600	U	ug/m3	N	1500
SVMW-04-050	SV04-050-612	4/5/2021	FD	Tetrachloroethene	< 3600	U	ug/m3	N	1400
SVMW-04-050	SV04-050-612	4/5/2021	FD	Xylenes, total	< 7100	U	ug/m3	N	2900
SVMW-04-050	SV04-050-612	4/5/2021	FD	Ethyl acetate	< 14000	U	ug/m3	N	5900
SVMW-04-050	SV04-050-612	4/5/2021	FD	n-Heptane	< 6700	U	ug/m3	N	1800
SVMW-04-050	SV04-050-612	4/5/2021	FD	m- & p-Xylenes	< 7100	U	ug/m3	N	2900
SVMW-04-050	SV04-050-612	4/5/2021	FD	Carbon tetrachloride	< 3600	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	2-Hexanone	< 3600	U	ug/m3	N	1400
SVMW-04-050	SV04-050-612	4/5/2021	FD	Ethanol	< 17000	U	ug/m3	N	7800
SVMW-04-050	SV04-050-612	4/5/2021	FD	Isopropyl alcohol	< 13000	U	ug/m3	N	4600
SVMW-04-050	SV04-050-612	4/5/2021	FD	Acetone	< 57000	U	ug/m3	N	25000
SVMW-04-050	SV04-050-612	4/5/2021	FD	Chloroform	< 3600	U	ug/m3	N	1500
SVMW-04-050	SV04-050-612	4/5/2021	FD	Benzene	50000		ug/m3	Y	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	Chloromethane	< 6700	U	ug/m3	N	1800
SVMW-04-050	SV04-050-612	4/5/2021	FD	Chloroethane	< 6700	U	ug/m3	N	1400
SVMW-04-050	SV04-050-612	4/5/2021	FD	Vinyl chloride	< 3600	U	ug/m3	N	1200
SVMW-04-050	SV04-050-612	4/5/2021	FD	Methylene chloride	< 6700	U	ug/m3	N	3200
SVMW-04-050	SV04-050-612	4/5/2021	FD	Carbon disulfide	< 11000	U	ug/m3	N	3400
SVMW-04-050	SV04-050-612	4/5/2021	FD	Bromoform	< 6700	U	ug/m3	N	2300
SVMW-04-050	SV04-050-612	4/5/2021	FD	Bromodichloromethane	< 3600	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,1-Dichloroethane	< 6900	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	Trichlorofluoromethane	< 6700	U	ug/m3	N	1700
SVMW-04-050	SV04-050-612	4/5/2021	FD	Dichlorodifluoromethane	< 6700	U	ug/m3	N	1800
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3600	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	2-Butanone	< 6700	U	ug/m3	N	2300
SVMW-04-050	SV04-050-612	4/5/2021	FD	Trichloroethene	< 3600	U	ug/m3	N	1500
SVMW-04-050	SV04-050-612	4/5/2021	FD	Naphthalene	< 6500	U	ug/m3	N	2700
SVMW-04-050	SV04-050-612	4/5/2021	FD	o-Xylene	< 3600	U	ug/m3	N	1600
SVMW-04-050	SV04-050-612	4/5/2021	FD	1,2,4-Trimethylbenzene	< 3600	U	ug/m3	N	1600

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-04-100	SV04-100-212	4/5/2021	N	Ethylbenzene	180000		ug/m3	Y	3500
SVMW-04-100	SV04-100-212	4/5/2021	N	Styrene	< 15000	U	ug/m3	N	4100
SVMW-04-100	SV04-100-212	4/5/2021	N	1,2-Dibromoethane	10000	J	ug/m3	Y	2900
SVMW-04-100	SV04-100-212	4/5/2021	N	1,3-Butadiene	< 15000	U	ug/m3	N	4200
SVMW-04-100	SV04-100-212	4/5/2021	N	1,2-Dichloroethane	< 8000	U	ug/m3	N	2800
SVMW-04-100	SV04-100-212	4/5/2021	N	4-Methyl-2-pentanone	< 8000	U	ug/m3	N	3400
SVMW-04-100	SV04-100-212	4/5/2021	N	1,3,5-Trimethylbenzene	13000	J	ug/m3	Y	3600
SVMW-04-100	SV04-100-212	4/5/2021	N	Toluene	2800000		ug/m3	Y	3100
SVMW-04-100	SV04-100-212	4/5/2021	N	Tetrahydrofuran	< 8000	U	ug/m3	N	3200
SVMW-04-100	SV04-100-212	4/5/2021	N	Hexane	2900000		ug/m3	Y	5200
SVMW-04-100	SV04-100-212	4/5/2021	N	Cyclohexane	2800000		ug/m3	Y	7100
SVMW-04-100	SV04-100-212	4/5/2021	N	Propylene (propene)	< 15000	U	ug/m3	N	6100
SVMW-04-100	SV04-100-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 15000	U	ug/m3	N	6100
SVMW-04-100	SV04-100-212	4/5/2021	N	1,4-Dioxane	< 8000	U	ug/m3	N	3000
SVMW-04-100	SV04-100-212	4/5/2021	N	Dibromochloromethane	< 8000	U	ug/m3	N	3300
SVMW-04-100	SV04-100-212	4/5/2021	N	Tetrachloroethene	< 8000	U	ug/m3	N	3300
SVMW-04-100	SV04-100-212	4/5/2021	N	Xylenes, total	670000		ug/m3	Y	6600
SVMW-04-100	SV04-100-212	4/5/2021	N	Ethyl acetate	< 31000	U	ug/m3	N	13000
SVMW-04-100	SV04-100-212	4/5/2021	N	n-Heptane	2800000		ug/m3	Y	4000
SVMW-04-100	SV04-100-212	4/5/2021	N	m- & p-Xylenes	530000		ug/m3	Y	6600
SVMW-04-100	SV04-100-212	4/5/2021	N	Carbon tetrachloride	< 8000	U	ug/m3	N	3500
SVMW-04-100	SV04-100-212	4/5/2021	N	2-Hexanone	< 8000	U	ug/m3	N	3100
SVMW-04-100	SV04-100-212	4/5/2021	N	Ethanol	< 39000	U	ug/m3	N	17000
SVMW-04-100	SV04-100-212	4/5/2021	N	Isopropyl alcohol	< 30000	U	ug/m3	N	10000
SVMW-04-100	SV04-100-212	4/5/2021	N	Acetone	< 130000	U	ug/m3	N	57000
SVMW-04-100	SV04-100-212	4/5/2021	N	Chloroform	< 8000	U	ug/m3	N	3400
SVMW-04-100	SV04-100-212	4/5/2021	N	Benzene	1000000		ug/m3	Y	3600
SVMW-04-100	SV04-100-212	4/5/2021	N	Chloromethane	< 15000	U	ug/m3	N	4100
SVMW-04-100	SV04-100-212	4/5/2021	N	Chloroethane	< 15000	U	ug/m3	N	3100
SVMW-04-100	SV04-100-212	4/5/2021	N	Vinyl chloride	< 8000	U	ug/m3	N	2700
SVMW-04-100	SV04-100-212	4/5/2021	N	Methylene chloride	< 15000	U	ug/m3	N	7100
SVMW-04-100	SV04-100-212	4/5/2021	N	Carbon disulfide	< 25000	U	ug/m3	N	7600
SVMW-04-100	SV04-100-212	4/5/2021	N	Bromoform	< 15000	U	ug/m3	N	5200
SVMW-04-100	SV04-100-212	4/5/2021	N	Bromodichloromethane	< 8000	U	ug/m3	N	3600
SVMW-04-100	SV04-100-212	4/5/2021	N	1,1-Dichloroethane	< 16000	U	ug/m3	N	3700
SVMW-04-100	SV04-100-212	4/5/2021	N	Trichlorofluoromethane	< 15000	U	ug/m3	N	3800
SVMW-04-100	SV04-100-212	4/5/2021	N	Dichlorodifluoromethane	< 15000	U	ug/m3	N	4100
SVMW-04-100	SV04-100-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 8000	U	ug/m3	N	3600
SVMW-04-100	SV04-100-212	4/5/2021	N	2-Butanone	< 15000	U	ug/m3	N	5200
SVMW-04-100	SV04-100-212	4/5/2021	N	Trichloroethene	< 8000	U	ug/m3	N	3400
SVMW-04-100	SV04-100-212	4/5/2021	N	Naphthalene	< 15000	U	ug/m3	N	6100
SVMW-04-100	SV04-100-212	4/5/2021	N	o-Xylene	140000		ug/m3	Y	3600
SVMW-04-100	SV04-100-212	4/5/2021	N	1,2,4-Trimethylbenzene	21000	J	ug/m3	Y	3500
SVMW-04-250	SV04-250-212	4/5/2021	N	Ethylbenzene	11000	J	ug/m3	Y	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	Styrene	< 9700	U	ug/m3	N	2600
SVMW-04-250	SV04-250-212	4/5/2021	N	1,2-Dibromoethane	< 5200	U	ug/m3	N	1900
SVMW-04-250	SV04-250-212	4/5/2021	N	1,3-Butadiene	< 9700	U	ug/m3	N	2700
SVMW-04-250	SV04-250-212	4/5/2021	N	1,2-Dichloroethane	< 5200	U	ug/m3	N	1800
SVMW-04-250	SV04-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 5200	U	ug/m3	N	2200
SVMW-04-250	SV04-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 5200	U	ug/m3	N	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	Toluene	160000		ug/m3	Y	2000
SVMW-04-250	SV04-250-212	4/5/2021	N	Tetrahydrofuran	< 5200	U	ug/m3	N	2000
SVMW-04-250	SV04-250-212	4/5/2021	N	Hexane	2800000		ug/m3	Y	3300
SVMW-04-250	SV04-250-212	4/5/2021	N	Cyclohexane	2300000		ug/m3	Y	4600
SVMW-04-250	SV04-250-212	4/5/2021	N	Propylene (propene)	4700	J	ug/m3	Y	4000

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-04-250	SV04-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 9700	U	ug/m3	N	4000
SVMW-04-250	SV04-250-212	4/5/2021	N	1,4-Dioxane	< 5200	U	ug/m3	N	1900
SVMW-04-250	SV04-250-212	4/5/2021	N	Dibromochloromethane	< 5200	U	ug/m3	N	2100
SVMW-04-250	SV04-250-212	4/5/2021	N	Tetrachloroethene	< 5200	U	ug/m3	N	2100
SVMW-04-250	SV04-250-212	4/5/2021	N	Xylenes, total	110000		ug/m3	Y	4300
SVMW-04-250	SV04-250-212	4/5/2021	N	Ethyl acetate	< 20000	U	ug/m3	N	8500
SVMW-04-250	SV04-250-212	4/5/2021	N	n-Heptane	2900000		ug/m3	Y	2600
SVMW-04-250	SV04-250-212	4/5/2021	N	m- & p-Xylenes	78000		ug/m3	Y	4300
SVMW-04-250	SV04-250-212	4/5/2021	N	Carbon tetrachloride	< 5200	U	ug/m3	N	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	2-Hexanone	< 5200	U	ug/m3	N	2000
SVMW-04-250	SV04-250-212	4/5/2021	N	Ethanol	< 25000	U	ug/m3	N	11000
SVMW-04-250	SV04-250-212	4/5/2021	N	Isopropyl alcohol	< 19000	U	ug/m3	N	6700
SVMW-04-250	SV04-250-212	4/5/2021	N	Acetone	< 82000	U	ug/m3	N	37000
SVMW-04-250	SV04-250-212	4/5/2021	N	Chloroform	< 5200	U	ug/m3	N	2200
SVMW-04-250	SV04-250-212	4/5/2021	N	Benzene	640000		ug/m3	Y	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	Chloromethane	< 9700	U	ug/m3	N	2600
SVMW-04-250	SV04-250-212	4/5/2021	N	Chloroethane	< 9700	U	ug/m3	N	2000
SVMW-04-250	SV04-250-212	4/5/2021	N	Vinyl chloride	< 5200	U	ug/m3	N	1700
SVMW-04-250	SV04-250-212	4/5/2021	N	Methylene chloride	< 9700	U	ug/m3	N	4600
SVMW-04-250	SV04-250-212	4/5/2021	N	Carbon disulfide	< 16000	U	ug/m3	N	4900
SVMW-04-250	SV04-250-212	4/5/2021	N	Bromoform	< 9700	U	ug/m3	N	3300
SVMW-04-250	SV04-250-212	4/5/2021	N	Bromodichloromethane	< 5200	U	ug/m3	N	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	1,1-Dichloroethane	< 10000	U	ug/m3	N	2400
SVMW-04-250	SV04-250-212	4/5/2021	N	Trichlorofluoromethane	< 9700	U	ug/m3	N	2500
SVMW-04-250	SV04-250-212	4/5/2021	N	Dichlorodifluoromethane	< 9700	U	ug/m3	N	2600
SVMW-04-250	SV04-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5200	U	ug/m3	N	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	2-Butanone	< 9700	U	ug/m3	N	3300
SVMW-04-250	SV04-250-212	4/5/2021	N	Trichloroethene	< 5200	U	ug/m3	N	2200
SVMW-04-250	SV04-250-212	4/5/2021	N	Naphthalene	< 9400	U	ug/m3	N	4000
SVMW-04-250	SV04-250-212	4/5/2021	N	o-Xylene	32000		ug/m3	Y	2300
SVMW-04-250	SV04-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 5200	U	ug/m3	N	2300
SVMW-04-300	SV04-300-212	4/5/2021	N	Ethylbenzene	440	J	ug/m3	Y	200
SVMW-04-300	SV04-300-212	4/5/2021	N	Styrene	< 840	U	ug/m3	N	220
SVMW-04-300	SV04-300-212	4/5/2021	N	1,2-Dibromoethane	< 440	U	ug/m3	N	160
SVMW-04-300	SV04-300-212	4/5/2021	N	1,3-Butadiene	< 840	U	ug/m3	N	230
SVMW-04-300	SV04-300-212	4/5/2021	N	1,2-Dichloroethane	< 440	U	ug/m3	N	150
SVMW-04-300	SV04-300-212	4/5/2021	N	4-Methyl-2-pentanone	< 440	U	ug/m3	N	190
SVMW-04-300	SV04-300-212	4/5/2021	N	1,3,5-Trimethylbenzene	1000	J	ug/m3	Y	200
SVMW-04-300	SV04-300-212	4/5/2021	N	Toluene	7200		ug/m3	Y	170
SVMW-04-300	SV04-300-212	4/5/2021	N	Tetrahydrofuran	< 440	U	ug/m3	N	180
SVMW-04-300	SV04-300-212	4/5/2021	N	Hexane	210000		ug/m3	Y	290
SVMW-04-300	SV04-300-212	4/5/2021	N	Cyclohexane	260000		ug/m3	Y	390
SVMW-04-300	SV04-300-212	4/5/2021	N	Propylene (propene)	830	J	ug/m3	Y	340
SVMW-04-300	SV04-300-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 840	U	ug/m3	N	340
SVMW-04-300	SV04-300-212	4/5/2021	N	1,4-Dioxane	< 440	U	ug/m3	N	160
SVMW-04-300	SV04-300-212	4/5/2021	N	Dibromochloromethane	< 440	U	ug/m3	N	180
SVMW-04-300	SV04-300-212	4/5/2021	N	Tetrachloroethene	< 440	U	ug/m3	N	180
SVMW-04-300	SV04-300-212	4/5/2021	N	Xylenes, total	8600		ug/m3	Y	370
SVMW-04-300	SV04-300-212	4/5/2021	N	Ethyl acetate	< 1700	U	ug/m3	N	730
SVMW-04-300	SV04-300-212	4/5/2021	N	n-Heptane	220000		ug/m3	Y	220
SVMW-04-300	SV04-300-212	4/5/2021	N	m- & p-Xylenes	6300		ug/m3	Y	370
SVMW-04-300	SV04-300-212	4/5/2021	N	Carbon tetrachloride	< 440	U	ug/m3	N	190
SVMW-04-300	SV04-300-212	4/5/2021	N	2-Hexanone	< 440	U	ug/m3	N	170
SVMW-04-300	SV04-300-212	4/5/2021	N	Ethanol	< 2200	U	ug/m3	N	970
SVMW-04-300	SV04-300-212	4/5/2021	N	Isopropyl alcohol	< 1600	U	ug/m3	N	570

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-04-300	SV04-300-212	4/5/2021	N	Acetone	< 7100	U	ug/m3	N	3100
SVMW-04-300	SV04-300-212	4/5/2021	N	Chloroform	< 440	U	ug/m3	N	190
SVMW-04-300	SV04-300-212	4/5/2021	N	Benzene	85000		ug/m3	Y	200
SVMW-04-300	SV04-300-212	4/5/2021	N	Chloromethane	< 840	U	ug/m3	N	220
SVMW-04-300	SV04-300-212	4/5/2021	N	Chloroethane	< 840	U	ug/m3	N	170
SVMW-04-300	SV04-300-212	4/5/2021	N	Vinyl chloride	< 440	U	ug/m3	N	150
SVMW-04-300	SV04-300-212	4/5/2021	N	Methylene chloride	< 840	U	ug/m3	N	390
SVMW-04-300	SV04-300-212	4/5/2021	N	Carbon disulfide	< 1400	U	ug/m3	N	420
SVMW-04-300	SV04-300-212	4/5/2021	N	Bromoform	< 840	U	ug/m3	N	290
SVMW-04-300	SV04-300-212	4/5/2021	N	Bromodichloromethane	< 440	U	ug/m3	N	200
SVMW-04-300	SV04-300-212	4/5/2021	N	1,1-Dichloroethane	< 860	U	ug/m3	N	200
SVMW-04-300	SV04-300-212	4/5/2021	N	Trichlorofluoromethane	< 840	U	ug/m3	N	210
SVMW-04-300	SV04-300-212	4/5/2021	N	Dichlorodifluoromethane	< 840	U	ug/m3	N	230
SVMW-04-300	SV04-300-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 440	U	ug/m3	N	200
SVMW-04-300	SV04-300-212	4/5/2021	N	2-Butanone	< 840	U	ug/m3	N	290
SVMW-04-300	SV04-300-212	4/5/2021	N	Trichloroethene	< 440	U	ug/m3	N	190
SVMW-04-300	SV04-300-212	4/5/2021	N	Naphthalene	< 810	U	ug/m3	N	340
SVMW-04-300	SV04-300-212	4/5/2021	N	o-Xylene	2200		ug/m3	Y	200
SVMW-04-300	SV04-300-212	4/5/2021	N	1,2,4-Trimethylbenzene	1100	J	ug/m3	Y	190
SVMW-08-050	SV08-050-212	4/5/2021	N	Ethylbenzene	1700	J	ug/m3	Y	550
SVMW-08-050	SV08-050-212	4/5/2021	N	Styrene	< 2300	U	ug/m3	N	630
SVMW-08-050	SV08-050-212	4/5/2021	N	1,2-Dibromoethane	< 1200	U	ug/m3	N	450
SVMW-08-050	SV08-050-212	4/5/2021	N	1,3-Butadiene	< 2300	U	ug/m3	N	640
SVMW-08-050	SV08-050-212	4/5/2021	N	1,2-Dichloroethane	< 1200	U	ug/m3	N	430
SVMW-08-050	SV08-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 1200	U	ug/m3	N	530
SVMW-08-050	SV08-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	1700	J	ug/m3	Y	560
SVMW-08-050	SV08-050-212	4/5/2021	N	Toluene	63000		ug/m3	Y	470
SVMW-08-050	SV08-050-212	4/5/2021	N	Tetrahydrofuran	< 1200	U	ug/m3	N	490
SVMW-08-050	SV08-050-212	4/5/2021	N	Hexane	530000		ug/m3	Y	800
SVMW-08-050	SV08-050-212	4/5/2021	N	Cyclohexane	610000		ug/m3	Y	1100
SVMW-08-050	SV08-050-212	4/5/2021	N	Propylene (propene)	2500	J	ug/m3	Y	950
SVMW-08-050	SV08-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 2300	U	ug/m3	N	950
SVMW-08-050	SV08-050-212	4/5/2021	N	1,4-Dioxane	< 1200	U	ug/m3	N	460
SVMW-08-050	SV08-050-212	4/5/2021	N	Dibromochloromethane	< 1200	U	ug/m3	N	510
SVMW-08-050	SV08-050-212	4/5/2021	N	Tetrachloroethene	< 1200	U	ug/m3	N	500
SVMW-08-050	SV08-050-212	4/5/2021	N	Xylenes, total	52000		ug/m3	Y	1000
SVMW-08-050	SV08-050-212	4/5/2021	N	Ethyl acetate	< 4700	U	ug/m3	N	2000
SVMW-08-050	SV08-050-212	4/5/2021	N	n-Heptane	720000		ug/m3	Y	620
SVMW-08-050	SV08-050-212	4/5/2021	N	m- & p-Xylenes	39000		ug/m3	Y	1000
SVMW-08-050	SV08-050-212	4/5/2021	N	Carbon tetrachloride	< 1200	U	ug/m3	N	540
SVMW-08-050	SV08-050-212	4/5/2021	N	2-Hexanone	< 1200	U	ug/m3	N	480
SVMW-08-050	SV08-050-212	4/5/2021	N	Ethanol	5100	J	ug/m3	Y	2700
SVMW-08-050	SV08-050-212	4/5/2021	N	Isopropyl alcohol	< 4600	U	ug/m3	N	1600
SVMW-08-050	SV08-050-212	4/5/2021	N	Acetone	< 20000	U	ug/m3	N	8800
SVMW-08-050	SV08-050-212	4/5/2021	N	Chloroform	< 1200	U	ug/m3	N	520
SVMW-08-050	SV08-050-212	4/5/2021	N	Benzene	170000		ug/m3	Y	560
SVMW-08-050	SV08-050-212	4/5/2021	N	Chloromethane	< 2300	U	ug/m3	N	630
SVMW-08-050	SV08-050-212	4/5/2021	N	Chloroethane	< 2300	U	ug/m3	N	480
SVMW-08-050	SV08-050-212	4/5/2021	N	Vinyl chloride	< 1200	U	ug/m3	N	420
SVMW-08-050	SV08-050-212	4/5/2021	N	Methylene chloride	< 2300	U	ug/m3	N	1100
SVMW-08-050	SV08-050-212	4/5/2021	N	Carbon disulfide	< 3900	U	ug/m3	N	1200
SVMW-08-050	SV08-050-212	4/5/2021	N	Bromoform	< 2300	U	ug/m3	N	800
SVMW-08-050	SV08-050-212	4/5/2021	N	Bromodichloromethane	< 1200	U	ug/m3	N	560
SVMW-08-050	SV08-050-212	4/5/2021	N	1,1-Dichloroethane	< 2400	U	ug/m3	N	570
SVMW-08-050	SV08-050-212	4/5/2021	N	Trichlorofluoromethane	< 2300	U	ug/m3	N	590

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-08-050	SV08-050-212	4/5/2021	N	Dichlorodifluoromethane	< 2300	U	ug/m3	N	640
SVMW-08-050	SV08-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1200	U	ug/m3	N	550
SVMW-08-050	SV08-050-212	4/5/2021	N	2-Butanone	< 2300	U	ug/m3	N	800
SVMW-08-050	SV08-050-212	4/5/2021	N	Trichloroethene	< 1200	U	ug/m3	N	530
SVMW-08-050	SV08-050-212	4/5/2021	N	Naphthalene	< 2300	U	ug/m3	N	950
SVMW-08-050	SV08-050-212	4/5/2021	N	o-Xylene	13000		ug/m3	Y	560
SVMW-08-050	SV08-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	1400	J	ug/m3	Y	540
SVMW-08-100	SV08-100-212	4/5/2021	N	Ethylbenzene	7		ug/m3	Y	0.43
SVMW-08-100	SV08-100-212	4/5/2021	N	Styrene	30		ug/m3	Y	0.49
SVMW-08-100	SV08-100-212	4/5/2021	N	1,2-Dibromoethane	< 0.96	U	ug/m3	N	0.35
SVMW-08-100	SV08-100-212	4/5/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.5
SVMW-08-100	SV08-100-212	4/5/2021	N	1,2-Dichloroethane	< 0.96	U	ug/m3	N	0.33
SVMW-08-100	SV08-100-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.96	U	ug/m3	N	0.41
SVMW-08-100	SV08-100-212	4/5/2021	N	1,3,5-Trimethylbenzene	7.6		ug/m3	Y	0.44
SVMW-08-100	SV08-100-212	4/5/2021	N	Toluene	47		ug/m3	Y	0.37
SVMW-08-100	SV08-100-212	4/5/2021	N	Tetrahydrofuran	< 0.96	U	ug/m3	N	0.38
SVMW-08-100	SV08-100-212	4/5/2021	N	Hexane	28		ug/m3	Y	0.62
SVMW-08-100	SV08-100-212	4/5/2021	N	Cyclohexane	13		ug/m3	Y	0.85
SVMW-08-100	SV08-100-212	4/5/2021	N	Propylene (propene)	2.5	J	ug/m3	Y	0.74
SVMW-08-100	SV08-100-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.74
SVMW-08-100	SV08-100-212	4/5/2021	N	1,4-Dioxane	< 0.96	U	ug/m3	N	0.36
SVMW-08-100	SV08-100-212	4/5/2021	N	Dibromochloromethane	< 0.96	U	ug/m3	N	0.4
SVMW-08-100	SV08-100-212	4/5/2021	N	Tetrachloroethene	4.5		ug/m3	Y	0.39
SVMW-08-100	SV08-100-212	4/5/2021	N	Xylenes, total	48		ug/m3	Y	0.79
SVMW-08-100	SV08-100-212	4/5/2021	N	Ethyl acetate	36	J	ug/m3	Y	1.6
SVMW-08-100	SV08-100-212	4/5/2021	N	n-Heptane	54		ug/m3	Y	0.48
SVMW-08-100	SV08-100-212	4/5/2021	N	m- & p-Xylenes	35		ug/m3	Y	0.79
SVMW-08-100	SV08-100-212	4/5/2021	N	Carbon tetrachloride	< 0.96	U	ug/m3	N	0.42
SVMW-08-100	SV08-100-212	4/5/2021	N	2-Hexanone	< 0.96	U	ug/m3	N	0.37
SVMW-08-100	SV08-100-212	4/5/2021	N	Ethanol	78		ug/m3	Y	2.1
SVMW-08-100	SV08-100-212	4/5/2021	N	Isopropyl alcohol	20		ug/m3	Y	1.2
SVMW-08-100	SV08-100-212	4/5/2021	N	Acetone	< 15	U	ug/m3	N	6.8
SVMW-08-100	SV08-100-212	4/5/2021	N	Chloroform	1.1	J	ug/m3	Y	0.4
SVMW-08-100	SV08-100-212	4/5/2021	N	Benzene	14		ug/m3	Y	0.44
SVMW-08-100	SV08-100-212	4/5/2021	N	Chloromethane	0.74	J	ug/m3	Y	0.49
SVMW-08-100	SV08-100-212	4/5/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37
SVMW-08-100	SV08-100-212	4/5/2021	N	Vinyl chloride	< 0.96	U	ug/m3	N	0.32
SVMW-08-100	SV08-100-212	4/5/2021	N	Methylene chloride	2.9	J	ug/m3	Y	0.85
SVMW-08-100	SV08-100-212	4/5/2021	N	Carbon disulfide	6.1		ug/m3	Y	0.91
SVMW-08-100	SV08-100-212	4/5/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.62
SVMW-08-100	SV08-100-212	4/5/2021	N	Bromodichloromethane	< 0.96	U	ug/m3	N	0.44
SVMW-08-100	SV08-100-212	4/5/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.44
SVMW-08-100	SV08-100-212	4/5/2021	N	Trichlorofluoromethane	2.7	J	ug/m3	Y	0.46
SVMW-08-100	SV08-100-212	4/5/2021	N	Dichlorodifluoromethane	3.5		ug/m3	Y	0.49
SVMW-08-100	SV08-100-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	7.5		ug/m3	Y	0.43
SVMW-08-100	SV08-100-212	4/5/2021	N	2-Butanone	9.4		ug/m3	Y	0.62
SVMW-08-100	SV08-100-212	4/5/2021	N	Trichloroethene	< 0.96	U	ug/m3	N	0.41
SVMW-08-100	SV08-100-212	4/5/2021	N	Naphthalene	5.9		ug/m3	Y	0.74
SVMW-08-100	SV08-100-212	4/5/2021	N	o-Xylene	12		ug/m3	Y	0.44
SVMW-08-100	SV08-100-212	4/5/2021	N	1,2,4-Trimethylbenzene	28		ug/m3	Y	0.42
SVMW-08-250	SV08-250-212	4/5/2021	N	Ethylbenzene	55000		ug/m3	Y	690
SVMW-08-250	SV08-250-212	4/5/2021	N	Styrene	< 3000	U	ug/m3	N	790
SVMW-08-250	SV08-250-212	4/5/2021	N	1,2-Dibromoethane	7500		ug/m3	Y	570
SVMW-08-250	SV08-250-212	4/5/2021	N	1,3-Butadiene	< 3000	U	ug/m3	N	810
SVMW-08-250	SV08-250-212	4/5/2021	N	1,2-Dichloroethane	< 1600	U	ug/m3	N	550

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-08-250	SV08-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 1600	U	ug/m3	N	670
SVMW-08-250	SV08-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	14000		ug/m3	Y	710
SVMW-08-250	SV08-250-212	4/5/2021	N	Tetrahydrofuran	< 1600	U	ug/m3	N	620
SVMW-08-250	SV08-250-212	4/5/2021	N	Hexane	860000		ug/m3	Y	1000
SVMW-08-250	SV08-250-212	4/5/2021	N	Cyclohexane	1500000		ug/m3	Y	1400
SVMW-08-250	SV08-250-212	4/5/2021	N	Propylene (propene)	8000		ug/m3	Y	1200
SVMW-08-250	SV08-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 3000	U	ug/m3	N	1200
SVMW-08-250	SV08-250-212	4/5/2021	N	1,4-Dioxane	< 1600	U	ug/m3	N	580
SVMW-08-250	SV08-250-212	4/5/2021	N	Dibromochloromethane	< 1600	U	ug/m3	N	650
SVMW-08-250	SV08-250-212	4/5/2021	N	Tetrachloroethene	< 1600	U	ug/m3	N	640
SVMW-08-250	SV08-250-212	4/5/2021	N	Xylenes, total	310000		ug/m3	Y	1300
SVMW-08-250	SV08-250-212	4/5/2021	N	Ethyl acetate	< 6000	U	ug/m3	N	2600
SVMW-08-250	SV08-250-212	4/5/2021	N	n-Heptane	560000		ug/m3	Y	790
SVMW-08-250	SV08-250-212	4/5/2021	N	m- & p-Xylenes	240000		ug/m3	Y	1300
SVMW-08-250	SV08-250-212	4/5/2021	N	Carbon tetrachloride	< 1600	U	ug/m3	N	680
SVMW-08-250	SV08-250-212	4/5/2021	N	2-Hexanone	< 1600	U	ug/m3	N	610
SVMW-08-250	SV08-250-212	4/5/2021	N	Ethanol	7000	J	ug/m3	Y	3400
SVMW-08-250	SV08-250-212	4/5/2021	N	Isopropyl alcohol	< 5800	U	ug/m3	N	2000
SVMW-08-250	SV08-250-212	4/5/2021	N	Acetone	< 25000	U	ug/m3	N	11000
SVMW-08-250	SV08-250-212	4/5/2021	N	Chloroform	< 1600	U	ug/m3	N	660
SVMW-08-250	SV08-250-212	4/5/2021	N	Benzene	570000		ug/m3	Y	710
SVMW-08-250	SV08-250-212	4/5/2021	N	Chloromethane	< 3000	U	ug/m3	N	790
SVMW-08-250	SV08-250-212	4/5/2021	N	Chloroethane	< 3000	U	ug/m3	N	610
SVMW-08-250	SV08-250-212	4/5/2021	N	Vinyl chloride	< 1600	U	ug/m3	N	530
SVMW-08-250	SV08-250-212	4/5/2021	N	Methylene chloride	< 3000	U	ug/m3	N	1400
SVMW-08-250	SV08-250-212	4/5/2021	N	Carbon disulfide	< 5000	U	ug/m3	N	1500
SVMW-08-250	SV08-250-212	4/5/2021	N	Bromoform	< 3000	U	ug/m3	N	1000
SVMW-08-250	SV08-250-212	4/5/2021	N	Bromodichloromethane	< 1600	U	ug/m3	N	710
SVMW-08-250	SV08-250-212	4/5/2021	N	1,1-Dichloroethane	< 3000	U	ug/m3	N	720
SVMW-08-250	SV08-250-212	4/5/2021	N	Trichlorofluoromethane	< 3000	U	ug/m3	N	750
SVMW-08-250	SV08-250-212	4/5/2021	N	Dichlorodifluoromethane	< 3000	U	ug/m3	N	800
SVMW-08-250	SV08-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1600	U	ug/m3	N	700
SVMW-08-250	SV08-250-212	4/5/2021	N	2-Butanone	< 3000	U	ug/m3	N	1000
SVMW-08-250	SV08-250-212	4/5/2021	N	Trichloroethene	< 1600	U	ug/m3	N	670
SVMW-08-250	SV08-250-212	4/5/2021	N	Naphthalene	< 2900	U	ug/m3	N	1200
SVMW-08-250	SV08-250-212	4/5/2021	N	o-Xylene	75000		ug/m3	Y	710
SVMW-08-250	SV08-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	29000		ug/m3	Y	680
SVMW-08-250	SV08-250-212	4/5/2021	N	Toluene	1100000		ug/m3	Y	1500
SVMW-09-050	SV09-050-212	4/5/2021	N	Ethylbenzene	< 320	U	ug/m3	N	140
SVMW-03-100	SV03-100-212	4/5/2021	N	Ethylbenzene	3400	J	ug/m3	Y	690
SVMW-03-100	SV03-100-212	4/5/2021	N	Styrene	< 3000	U	ug/m3	N	790
SVMW-03-100	SV03-100-212	4/5/2021	N	1,2-Dibromoethane	< 1600	U	ug/m3	N	570
SVMW-03-100	SV03-100-212	4/5/2021	N	1,3-Butadiene	< 3000	U	ug/m3	N	810
SVMW-03-100	SV03-100-212	4/5/2021	N	1,2-Dichloroethane	< 1600	U	ug/m3	N	550
SVMW-03-100	SV03-100-212	4/5/2021	N	4-Methyl-2-pentanone	< 1600	U	ug/m3	N	670
SVMW-03-100	SV03-100-212	4/5/2021	N	1,3,5-Trimethylbenzene	2100	J	ug/m3	Y	710
SVMW-03-100	SV03-100-212	4/5/2021	N	Toluene	4800		ug/m3	Y	600
SVMW-03-100	SV03-100-212	4/5/2021	N	Tetrahydrofuran	< 1600	U	ug/m3	N	620
SVMW-09-050	SV09-050-212	4/5/2021	N	Styrene	< 600	U	ug/m3	N	160
SVMW-09-050	SV09-050-212	4/5/2021	N	1,2-Dibromoethane	< 320	U	ug/m3	N	120
SVMW-09-050	SV09-050-212	4/5/2021	N	1,3-Butadiene	< 600	U	ug/m3	N	160
SVMW-09-050	SV09-050-212	4/5/2021	N	1,2-Dichloroethane	< 320	U	ug/m3	N	110
SVMW-09-050	SV09-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	Toluene	210	J	ug/m3	Y	120

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-09-050	SV09-050-212	4/5/2021	N	Tetrahydrofuran	< 320	U	ug/m3	N	130
SVMW-09-050	SV09-050-212	4/5/2021	N	Hexane	< 600	U	ug/m3	N	210
SVMW-09-050	SV09-050-212	4/5/2021	N	Cyclohexane	< 640	U	ug/m3	N	280
SVMW-09-050	SV09-050-212	4/5/2021	N	Propylene (propene)	< 600	U	ug/m3	N	240
SVMW-09-050	SV09-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 600	U	ug/m3	N	240
SVMW-09-050	SV09-050-212	4/5/2021	N	1,4-Dioxane	< 320	U	ug/m3	N	120
SVMW-09-050	SV09-050-212	4/5/2021	N	Dibromochloromethane	< 320	U	ug/m3	N	130
SVMW-09-050	SV09-050-212	4/5/2021	N	Tetrachloroethene	< 320	U	ug/m3	N	130
SVMW-09-050	SV09-050-212	4/5/2021	N	Xylenes, total	< 640	U	ug/m3	N	260
SVMW-09-050	SV09-050-212	4/5/2021	N	Ethyl acetate	< 1200	U	ug/m3	N	520
SVMW-09-050	SV09-050-212	4/5/2021	N	n-Heptane	< 600	U	ug/m3	N	160
SVMW-09-050	SV09-050-212	4/5/2021	N	m- & p-Xylenes	< 640	U	ug/m3	N	260
SVMW-09-050	SV09-050-212	4/5/2021	N	Carbon tetrachloride	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	2-Hexanone	< 320	U	ug/m3	N	120
SVMW-09-050	SV09-050-212	4/5/2021	N	Ethanol	< 1600	U	ug/m3	N	690
SVMW-09-050	SV09-050-212	4/5/2021	N	Isopropyl alcohol	< 1200	U	ug/m3	N	410
SVMW-09-050	SV09-050-212	4/5/2021	N	Acetone	< 5000	U	ug/m3	N	2200
SVMW-09-050	SV09-050-212	4/5/2021	N	Chloroform	< 320	U	ug/m3	N	130
SVMW-09-050	SV09-050-212	4/5/2021	N	Benzene	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	Chloromethane	< 600	U	ug/m3	N	160
SVMW-09-050	SV09-050-212	4/5/2021	N	Chloroethane	< 600	U	ug/m3	N	120
SVMW-09-050	SV09-050-212	4/5/2021	N	Vinyl chloride	< 320	U	ug/m3	N	110
SVMW-09-050	SV09-050-212	4/5/2021	N	Methylene chloride	< 600	U	ug/m3	N	280
SVMW-09-050	SV09-050-212	4/5/2021	N	Carbon disulfide	< 1000	U	ug/m3	N	300
SVMW-09-050	SV09-050-212	4/5/2021	N	Bromoform	< 600	U	ug/m3	N	210
SVMW-09-050	SV09-050-212	4/5/2021	N	Bromodichloromethane	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	1,1-Dichloroethane	< 620	U	ug/m3	N	150
SVMW-09-050	SV09-050-212	4/5/2021	N	Trichlorofluoromethane	< 600	U	ug/m3	N	150
SVMW-09-050	SV09-050-212	4/5/2021	N	Dichlorodifluoromethane	< 600	U	ug/m3	N	160
SVMW-09-050	SV09-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	2-Butanone	< 600	U	ug/m3	N	210
SVMW-09-050	SV09-050-212	4/5/2021	N	Trichloroethene	< 320	U	ug/m3	N	130
SVMW-09-050	SV09-050-212	4/5/2021	N	Naphthalene	< 580	U	ug/m3	N	240
SVMW-09-050	SV09-050-212	4/5/2021	N	o-Xylene	< 320	U	ug/m3	N	140
SVMW-09-050	SV09-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 320	U	ug/m3	N	140
SVMW-09-100	SV09-100-212	4/5/2021	N	Hexane	2200000		ug/m3	Y	5400
SVMW-09-100	SV09-100-212	4/5/2021	N	Ethylbenzene	98000		ug/m3	Y	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	Styrene	< 7900	U	ug/m3	N	2100
SVMW-09-100	SV09-100-212	4/5/2021	N	1,2-Dibromoethane	8500	J	ug/m3	Y	1500
SVMW-09-100	SV09-100-212	4/5/2021	N	1,3-Butadiene	< 7900	U	ug/m3	N	2200
SVMW-09-100	SV09-100-212	4/5/2021	N	1,2-Dichloroethane	< 4200	U	ug/m3	N	1500
SVMW-09-100	SV09-100-212	4/5/2021	N	4-Methyl-2-pentanone	< 4200	U	ug/m3	N	1800
SVMW-09-100	SV09-100-212	4/5/2021	N	1,3,5-Trimethylbenzene	9600	J	ug/m3	Y	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	Toluene	1300000		ug/m3	Y	1600
SVMW-09-100	SV09-100-212	4/5/2021	N	Tetrahydrofuran	< 4200	U	ug/m3	N	1700
SVMW-09-100	SV09-100-212	4/5/2021	N	Cyclohexane	2500000		ug/m3	Y	3700
SVMW-09-100	SV09-100-212	4/5/2021	N	Propylene (propene)	8500	J	ug/m3	Y	3200
SVMW-09-100	SV09-100-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 7900	U	ug/m3	N	3200
SVMW-09-100	SV09-100-212	4/5/2021	N	1,4-Dioxane	< 4200	U	ug/m3	N	1600
SVMW-09-100	SV09-100-212	4/5/2021	N	Dibromochloromethane	< 4200	U	ug/m3	N	1700
SVMW-09-100	SV09-100-212	4/5/2021	N	Tetrachloroethene	< 4200	U	ug/m3	N	1700
SVMW-09-100	SV09-100-212	4/5/2021	N	Xylenes, total	380000		ug/m3	Y	3500
SVMW-09-100	SV09-100-212	4/5/2021	N	Ethyl acetate	< 16000	U	ug/m3	N	6900
SVMW-09-100	SV09-100-212	4/5/2021	N	n-Heptane	2100000		ug/m3	Y	2100
SVMW-09-100	SV09-100-212	4/5/2021	N	m- & p-Xylenes	290000		ug/m3	Y	3500

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-09-100	SV09-100-212	4/5/2021	N	Carbon tetrachloride	< 4200	U	ug/m3	N	1800
SVMW-09-100	SV09-100-212	4/5/2021	N	2-Hexanone	< 4200	U	ug/m3	N	1600
SVMW-09-100	SV09-100-212	4/5/2021	N	Ethanol	< 21000	U	ug/m3	N	9100
SVMW-09-100	SV09-100-212	4/5/2021	N	Isopropyl alcohol	< 16000	U	ug/m3	N	5400
SVMW-09-100	SV09-100-212	4/5/2021	N	Acetone	< 67000	U	ug/m3	N	30000
SVMW-09-100	SV09-100-212	4/5/2021	N	Chloroform	< 4200	U	ug/m3	N	1800
SVMW-09-100	SV09-100-212	4/5/2021	N	Benzene	800000		ug/m3	Y	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	Chloromethane	< 7900	U	ug/m3	N	2100
SVMW-09-100	SV09-100-212	4/5/2021	N	Chloroethane	< 7900	U	ug/m3	N	1600
SVMW-09-100	SV09-100-212	4/5/2021	N	Vinyl chloride	< 4200	U	ug/m3	N	1400
SVMW-09-100	SV09-100-212	4/5/2021	N	Methylene chloride	< 7900	U	ug/m3	N	3700
SVMW-09-100	SV09-100-212	4/5/2021	N	Carbon disulfide	< 13000	U	ug/m3	N	4000
SVMW-09-100	SV09-100-212	4/5/2021	N	Bromoform	< 7900	U	ug/m3	N	2700
SVMW-09-100	SV09-100-212	4/5/2021	N	Bromodichloromethane	< 4200	U	ug/m3	N	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	1,1-Dichloroethane	< 8200	U	ug/m3	N	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	Trichlorofluoromethane	< 7900	U	ug/m3	N	2000
SVMW-09-100	SV09-100-212	4/5/2021	N	Dichlorodifluoromethane	< 7900	U	ug/m3	N	2100
SVMW-09-100	SV09-100-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 4200	U	ug/m3	N	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	2-Butanone	< 7900	U	ug/m3	N	2700
SVMW-09-100	SV09-100-212	4/5/2021	N	Trichloroethene	< 4200	U	ug/m3	N	1800
SVMW-09-100	SV09-100-212	4/5/2021	N	Naphthalene	< 7700	U	ug/m3	N	3200
SVMW-09-100	SV09-100-212	4/5/2021	N	o-Xylene	90000		ug/m3	Y	1900
SVMW-09-100	SV09-100-212	4/5/2021	N	1,2,4-Trimethylbenzene	14000		ug/m3	Y	1800
SVMW-09-250	SV09-250-212	4/5/2021	N	Ethylbenzene	70000		ug/m3	Y	610
SVMW-09-250	SV09-250-212	4/5/2021	N	Styrene	< 2600	U	ug/m3	N	700
SVMW-09-250	SV09-250-212	4/5/2021	N	1,2-Dibromoethane	8900		ug/m3	Y	510
SVMW-09-250	SV09-250-212	4/5/2021	N	1,3-Butadiene	< 2600	U	ug/m3	N	720
SVMW-09-250	SV09-250-212	4/5/2021	N	1,2-Dichloroethane	< 1400	U	ug/m3	N	480
SVMW-09-250	SV09-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 1400	U	ug/m3	N	600
SVMW-09-250	SV09-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	6000		ug/m3	Y	630
SVMW-09-250	SV09-250-212	4/5/2021	N	Tetrahydrofuran	< 1400	U	ug/m3	N	550
SVMW-09-250	SV09-250-212	4/5/2021	N	Cyclohexane	960000		ug/m3	Y	1200
SVMW-09-250	SV09-250-212	4/5/2021	N	Propylene (propene)	9300		ug/m3	Y	1100
SVMW-09-250	SV09-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 2600	U	ug/m3	N	1100
SVMW-09-250	SV09-250-212	4/5/2021	N	1,4-Dioxane	< 1400	U	ug/m3	N	510
SVMW-09-250	SV09-250-212	4/5/2021	N	Dibromochloromethane	< 1400	U	ug/m3	N	570
SVMW-09-250	SV09-250-212	4/5/2021	N	Tetrachloroethene	< 1400	U	ug/m3	N	560
SVMW-09-250	SV09-250-212	4/5/2021	N	Xylenes, total	440000		ug/m3	Y	1100
SVMW-09-250	SV09-250-212	4/5/2021	N	Ethyl acetate	< 5300	U	ug/m3	N	2300
SVMW-09-250	SV09-250-212	4/5/2021	N	m- & p-Xylenes	350000		ug/m3	Y	1100
SVMW-09-250	SV09-250-212	4/5/2021	N	Carbon tetrachloride	< 1400	U	ug/m3	N	600
SVMW-09-250	SV09-250-212	4/5/2021	N	2-Hexanone	< 1400	U	ug/m3	N	540
SVMW-09-250	SV09-250-212	4/5/2021	N	Ethanol	< 6800	U	ug/m3	N	3000
SVMW-09-250	SV09-250-212	4/5/2021	N	Isopropyl alcohol	< 5100	U	ug/m3	N	1800
SVMW-09-250	SV09-250-212	4/5/2021	N	Acetone	< 22000	U	ug/m3	N	9800
SVMW-09-250	SV09-250-212	4/5/2021	N	Chloroform	< 1400	U	ug/m3	N	580
SVMW-09-250	SV09-250-212	4/5/2021	N	Benzene	300000		ug/m3	Y	630
SVMW-09-250	SV09-250-212	4/5/2021	N	Chloromethane	< 2600	U	ug/m3	N	700
SVMW-09-250	SV09-250-212	4/5/2021	N	Chloroethane	< 2600	U	ug/m3	N	540
SVMW-09-250	SV09-250-212	4/5/2021	N	Vinyl chloride	< 1400	U	ug/m3	N	470
SVMW-09-250	SV09-250-212	4/5/2021	N	Methylene chloride	< 2600	U	ug/m3	N	1200
SVMW-09-250	SV09-250-212	4/5/2021	N	Carbon disulfide	< 4400	U	ug/m3	N	1300
SVMW-09-250	SV09-250-212	4/5/2021	N	Bromoform	< 2600	U	ug/m3	N	900
SVMW-09-250	SV09-250-212	4/5/2021	N	Bromodichloromethane	< 1400	U	ug/m3	N	630
SVMW-09-250	SV09-250-212	4/5/2021	N	1,1-Dichloroethane	< 2700	U	ug/m3	N	640

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-09-250	SV09-250-212	4/5/2021	N	Trichlorofluoromethane	< 2600	U	ug/m3	N	660
SVMW-09-250	SV09-250-212	4/5/2021	N	Dichlorodifluoromethane	< 2600	U	ug/m3	N	710
SVMW-09-250	SV09-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	U	ug/m3	N	620
SVMW-09-250	SV09-250-212	4/5/2021	N	2-Butanone	< 2600	U	ug/m3	N	900
SVMW-09-250	SV09-250-212	4/5/2021	N	Trichloroethene	< 1400	U	ug/m3	N	590
SVMW-09-250	SV09-250-212	4/5/2021	N	Naphthalene	< 2500	U	ug/m3	N	1100
SVMW-09-250	SV09-250-212	4/5/2021	N	o-Xylene	88000		ug/m3	Y	630
SVMW-09-250	SV09-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	7500		ug/m3	Y	600
SVMW-09-250	SV09-250-212	4/5/2021	N	Toluene	1200000		ug/m3	Y	1300
SVMW-09-266	SV09-266-212	4/5/2021	N	Methylene chloride	< 11000	U	ug/m3	N	5000
SVMW-09-266	SV09-266-212	4/5/2021	N	Carbon disulfide	< 18000	U	ug/m3	N	5400
SVMW-09-266	SV09-266-212	4/5/2021	N	Bromoform	< 11000	U	ug/m3	N	3700
SVMW-09-266	SV09-266-212	4/5/2021	N	Bromodichloromethane	< 5700	U	ug/m3	N	2600
SVMW-09-266	SV09-266-212	4/5/2021	N	1,1-Dichloroethane	< 11000	U	ug/m3	N	2600
SVMW-09-266	SV09-266-212	4/5/2021	N	Trichlorofluoromethane	< 11000	U	ug/m3	N	2700
SVMW-09-266	SV09-266-212	4/5/2021	N	Dichlorodifluoromethane	< 11000	U	ug/m3	N	2900
SVMW-09-266	SV09-266-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5700	U	ug/m3	N	2600
SVMW-09-266	SV09-266-212	4/5/2021	N	2-Butanone	< 11000	U	ug/m3	N	3700
SVMW-09-266	SV09-266-212	4/5/2021	N	Trichloroethene	< 5700	U	ug/m3	N	2400
SVMW-09-266	SV09-266-212	4/5/2021	N	Naphthalene	< 10000	U	ug/m3	N	4400
SVMW-09-266	SV09-266-212	4/5/2021	N	o-Xylene	92000		ug/m3	Y	2600
SVMW-09-266	SV09-266-212	4/5/2021	N	1,2,4-Trimethylbenzene	17000	J	ug/m3	Y	2500
KAFB-106028-150	SV028-150-212	4/5/2021	N	Ethylbenzene	< 1	U	ug/m3	N	0.46
KAFB-106028-150	SV028-150-212	4/5/2021	N	Styrene	< 2	U	ug/m3	N	0.53
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,2-Dibromoethane	< 1	U	ug/m3	N	0.38
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,3-Butadiene	< 2	U	ug/m3	N	0.54
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,2-Dichloroethane	< 1	U	ug/m3	N	0.36
KAFB-106028-150	SV028-150-212	4/5/2021	N	4-Methyl-2-pentanone	< 1	U	ug/m3	N	0.45
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 1	U	ug/m3	N	0.47
KAFB-106028-150	SV028-150-212	4/5/2021	N	Toluene	0.84	J	ug/m3	Y	0.4
KAFB-106028-150	SV028-150-212	4/5/2021	N	Tetrahydrofuran	24		ug/m3	Y	0.41
KAFB-106028-150	SV028-150-212	4/5/2021	N	Hexane	< 2	U	ug/m3	N	0.68
KAFB-106028-150	SV028-150-212	4/5/2021	N	Cyclohexane	< 2.1	U	ug/m3	N	0.92
KAFB-106028-150	SV028-150-212	4/5/2021	N	Propylene (propene)	< 2	U	ug/m3	N	0.8
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 2	U	ug/m3	N	0.8
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,4-Dioxane	< 1	U	ug/m3	N	0.39
KAFB-106028-150	SV028-150-212	4/5/2021	N	Dibromochloromethane	< 1	U	ug/m3	N	0.43
KAFB-106028-150	SV028-150-212	4/5/2021	N	Tetrachloroethene	0.78	J	ug/m3	Y	0.42
KAFB-106028-150	SV028-150-212	4/5/2021	N	Xylenes, total	< 2.1	U	ug/m3	N	0.86
KAFB-106028-150	SV028-150-212	4/5/2021	N	Ethyl acetate	< 4	U	ug/m3	N	1.7
KAFB-106028-150	SV028-150-212	4/5/2021	N	n-Heptane	< 2	U	ug/m3	N	0.52
KAFB-106028-150	SV028-150-212	4/5/2021	N	m- & p-Xylenes	< 2.1	U	ug/m3	N	0.86
KAFB-106028-150	SV028-150-212	4/5/2021	N	Carbon tetrachloride	< 1	U	ug/m3	N	0.46
KAFB-106028-150	SV028-150-212	4/5/2021	N	2-Hexanone	< 1	U	ug/m3	N	0.41
KAFB-106028-150	SV028-150-212	4/5/2021	N	Ethanol	11	J	ug/m3	Y	2.3
KAFB-106028-150	SV028-150-212	4/5/2021	N	Isopropyl alcohol	< 3.9	U	ug/m3	N	1.4
KAFB-106028-150	SV028-150-212	4/5/2021	N	Acetone	< 17	U	ug/m3	N	7.4
KAFB-106028-150	SV028-150-212	4/5/2021	N	Chloroform	< 1	U	ug/m3	N	0.44
KAFB-106028-150	SV028-150-212	4/5/2021	N	Benzene	0.89	J	ug/m3	Y	0.47
KAFB-106028-150	SV028-150-212	4/5/2021	N	Chloromethane	< 2	U	ug/m3	N	0.53
KAFB-106028-150	SV028-150-212	4/5/2021	N	Chloroethane	< 2	U	ug/m3	N	0.41
KAFB-106028-150	SV028-150-212	4/5/2021	N	Vinyl chloride	< 1	U	ug/m3	N	0.35
KAFB-106028-150	SV028-150-212	4/5/2021	N	Methylene chloride	< 2	U	ug/m3	N	0.92
KAFB-106028-150	SV028-150-212	4/5/2021	N	Carbon disulfide	< 3.3	U	ug/m3	N	0.98
KAFB-106028-150	SV028-150-212	4/5/2021	N	Bromoform	< 2	U	ug/m3	N	0.68

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106028-150	SV028-150-212	4/5/2021	N	Bromodichloromethane	< 1	U	ug/m3	N	0.47
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,1-Dichloroethane	< 2	U	ug/m3	N	0.48
KAFB-106028-150	SV028-150-212	4/5/2021	N	Trichlorofluoromethane	2.1	J	ug/m3	Y	0.5
KAFB-106028-150	SV028-150-212	4/5/2021	N	Dichlorodifluoromethane	6.1		ug/m3	Y	0.54
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	J	ug/m3	Y	0.47
KAFB-106028-150	SV028-150-212	4/5/2021	N	2-Butanone	< 2	U	ug/m3	N	0.68
KAFB-106028-150	SV028-150-212	4/5/2021	N	Trichloroethene	< 1	U	ug/m3	N	0.44
KAFB-106028-150	SV028-150-212	4/5/2021	N	Naphthalene	< 1.9	U	ug/m3	N	0.8
KAFB-106028-150	SV028-150-212	4/5/2021	N	o-Xylene	< 1	U	ug/m3	N	0.47
KAFB-106028-150	SV028-150-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 1	U	ug/m3	N	0.46
KAFB-106028-250	SV028-250-212	4/5/2021	N	Ethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106028-250	SV028-250-212	4/5/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106028-250	SV028-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.77	U	ug/m3	N	0.33
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.77	U	ug/m3	N	0.35
KAFB-106028-250	SV028-250-212	4/5/2021	N	Toluene	< 0.77	U	ug/m3	N	0.3
KAFB-106028-250	SV028-250-212	4/5/2021	N	Tetrahydrofuran	6.2		ug/m3	Y	0.3
KAFB-106028-250	SV028-250-212	4/5/2021	N	Hexane	< 1.5	U	ug/m3	N	0.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.68
KAFB-106028-250	SV028-250-212	4/5/2021	N	Propylene (propene)	1.2	J	ug/m3	Y	0.59
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.29
KAFB-106028-250	SV028-250-212	4/5/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106028-250	SV028-250-212	4/5/2021	N	Tetrachloroethene	< 0.77	U	ug/m3	N	0.31
KAFB-106028-250	SV028-250-212	4/5/2021	N	Xylenes, total	< 1.5	U	ug/m3	N	0.64
KAFB-106028-250	SV028-250-212	4/5/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106028-250	SV028-250-212	4/5/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.39
KAFB-106028-250	SV028-250-212	4/5/2021	N	m- & p-Xylenes	< 1.5	U	ug/m3	N	0.64
KAFB-106028-250	SV028-250-212	4/5/2021	N	Carbon tetrachloride	< 0.77	U	ug/m3	N	0.34
KAFB-106028-250	SV028-250-212	4/5/2021	N	2-Hexanone	0.37	J	ug/m3	Y	0.3
KAFB-106028-250	SV028-250-212	4/5/2021	N	Ethanol	12	J	ug/m3	Y	1.7
KAFB-106028-250	SV028-250-212	4/5/2021	N	Isopropyl alcohol	7.3		ug/m3	Y	1
KAFB-106028-250	SV028-250-212	4/5/2021	N	Acetone	< 12	U	ug/m3	N	5.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	Chloroform	< 0.77	U	ug/m3	N	0.32
KAFB-106028-250	SV028-250-212	4/5/2021	N	Benzene	0.45	J	ug/m3	Y	0.35
KAFB-106028-250	SV028-250-212	4/5/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
KAFB-106028-250	SV028-250-212	4/5/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106028-250	SV028-250-212	4/5/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106028-250	SV028-250-212	4/5/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.68
KAFB-106028-250	SV028-250-212	4/5/2021	N	Carbon disulfide	< 2.5	U	ug/m3	N	0.73
KAFB-106028-250	SV028-250-212	4/5/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106028-250	SV028-250-212	4/5/2021	N	Trichlorofluoromethane	3		ug/m3	Y	0.37
KAFB-106028-250	SV028-250-212	4/5/2021	N	Dichlorodifluoromethane	8.9		ug/m3	Y	0.4
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.36	J	ug/m3	Y	0.35
KAFB-106028-250	SV028-250-212	4/5/2021	N	2-Butanone	3.1	J	ug/m3	Y	0.5
KAFB-106028-250	SV028-250-212	4/5/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.33
KAFB-106028-250	SV028-250-212	4/5/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106028-250	SV028-250-212	4/5/2021	N	o-Xylene	< 0.77	U	ug/m3	N	0.35
KAFB-106028-250	SV028-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106028-350	SV028-350-212	4/5/2021	N	Ethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106028-350	SV028-350-212	4/5/2021	N	Styrene	< 1.4	U	ug/m3	N	0.39

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.4
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,2-Dichloroethane	1	J	ug/m3	Y	0.27
KAFB-106028-350	SV028-350-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.77	U	ug/m3	N	0.33
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.77	U	ug/m3	N	0.35
KAFB-106028-350	SV028-350-212	4/5/2021	N	Toluene	1.2	J	ug/m3	Y	0.29
KAFB-106028-350	SV028-350-212	4/5/2021	N	Tetrahydrofuran	2.6	J	ug/m3	Y	0.3
KAFB-106028-350	SV028-350-212	4/5/2021	N	Hexane	4		ug/m3	Y	0.5
KAFB-106028-350	SV028-350-212	4/5/2021	N	Cyclohexane	2.4	J	ug/m3	Y	0.68
KAFB-106028-350	SV028-350-212	4/5/2021	N	Propylene (propene)	2.1	J	ug/m3	Y	0.59
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.59
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,4-Dioxane	0.46	J	ug/m3	Y	0.28
KAFB-106028-350	SV028-350-212	4/5/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106028-350	SV028-350-212	4/5/2021	N	Tetrachloroethene	0.81	J	ug/m3	Y	0.31
KAFB-106028-350	SV028-350-212	4/5/2021	N	Xylenes, total	< 1.5	U	ug/m3	N	0.63
KAFB-106028-350	SV028-350-212	4/5/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.3
KAFB-106028-350	SV028-350-212	4/5/2021	N	n-Heptane	0.64	J	ug/m3	Y	0.38
KAFB-106028-350	SV028-350-212	4/5/2021	N	m- & p-Xylenes	< 1.5	U	ug/m3	N	0.63
KAFB-106028-350	SV028-350-212	4/5/2021	N	Carbon tetrachloride	0.93	J	ug/m3	Y	0.33
KAFB-106028-350	SV028-350-212	4/5/2021	N	2-Hexanone	0.63	J	ug/m3	Y	0.3
KAFB-106028-350	SV028-350-212	4/5/2021	N	Ethanol	4.8	J	ug/m3	Y	1.7
KAFB-106028-350	SV028-350-212	4/5/2021	N	Isopropyl alcohol	< 2.8	U	ug/m3	N	0.99
KAFB-106028-350	SV028-350-212	4/5/2021	N	Acetone	16	J	ug/m3	Y	5.4
KAFB-106028-350	SV028-350-212	4/5/2021	N	Chloroform	0.71	J	ug/m3	Y	0.32
KAFB-106028-350	SV028-350-212	4/5/2021	N	Benzene	1.2	J	ug/m3	Y	0.35
KAFB-106028-350	SV028-350-212	4/5/2021	N	Chloromethane	3.4		ug/m3	Y	0.39
KAFB-106028-350	SV028-350-212	4/5/2021	N	Chloroethane	8		ug/m3	Y	0.3
KAFB-106028-350	SV028-350-212	4/5/2021	N	Vinyl chloride	3.2		ug/m3	Y	0.26
KAFB-106028-350	SV028-350-212	4/5/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.68
KAFB-106028-350	SV028-350-212	4/5/2021	N	Carbon disulfide	1.8	J	ug/m3	Y	0.72
KAFB-106028-350	SV028-350-212	4/5/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.5
KAFB-106028-350	SV028-350-212	4/5/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,1-Dichloroethane	5.1		ug/m3	Y	0.35
KAFB-106028-350	SV028-350-212	4/5/2021	N	Trichlorofluoromethane	4.2		ug/m3	Y	0.36
KAFB-106028-350	SV028-350-212	4/5/2021	N	Dichlorodifluoromethane	5.1		ug/m3	Y	0.39
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	J	ug/m3	Y	0.34
KAFB-106028-350	SV028-350-212	4/5/2021	N	2-Butanone	2.6	J	ug/m3	Y	0.5
KAFB-106028-350	SV028-350-212	4/5/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.32
KAFB-106028-350	SV028-350-212	4/5/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106028-350	SV028-350-212	4/5/2021	N	o-Xylene	0.43	J	ug/m3	Y	0.35
KAFB-106028-350	SV028-350-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.77	U	ug/m3	N	0.33
KAFB-106028-450	SV028-450-212	4/5/2021	N	Ethylbenzene	< 0.95	U	ug/m3	N	0.42
KAFB-106028-450	SV028-450-212	4/5/2021	N	Styrene	< 1.8	U	ug/m3	N	0.48
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,2-Dibromoethane	3.8		ug/m3	Y	0.35
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.49
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,2-Dichloroethane	1.6	J	ug/m3	Y	0.33
KAFB-106028-450	SV028-450-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.95	U	ug/m3	N	0.41
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.95	U	ug/m3	N	0.43
KAFB-106028-450	SV028-450-212	4/5/2021	N	Toluene	0.94	J	ug/m3	Y	0.36
KAFB-106028-450	SV028-450-212	4/5/2021	N	Tetrahydrofuran	0.93	J	ug/m3	Y	0.37
KAFB-106028-450	SV028-450-212	4/5/2021	N	Hexane	2.6	J	ug/m3	Y	0.61
KAFB-106028-450	SV028-450-212	4/5/2021	N	Cyclohexane	3.8	J	ug/m3	Y	0.84
KAFB-106028-450	SV028-450-212	4/5/2021	N	Propylene (propene)	6.7		ug/m3	Y	0.72
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.72
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,4-Dioxane	< 0.95	U	ug/m3	N	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106028-450	SV028-450-212	4/5/2021	N	Dibromochloromethane	< 0.95	U	ug/m3	N	0.39
KAFB-106028-450	SV028-450-212	4/5/2021	N	Tetrachloroethene	1.6	J	ug/m3	Y	0.38
KAFB-106028-450	SV028-450-212	4/5/2021	N	Xylenes, total	< 1.9	U	ug/m3	N	0.78
KAFB-106028-450	SV028-450-212	4/5/2021	N	Ethyl acetate	< 3.6	U	ug/m3	N	1.6
KAFB-106028-450	SV028-450-212	4/5/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.47
KAFB-106028-450	SV028-450-212	4/5/2021	N	m- & p-Xylenes	< 1.9	U	ug/m3	N	0.78
KAFB-106028-450	SV028-450-212	4/5/2021	N	Carbon tetrachloride	0.76	J	ug/m3	Y	0.41
KAFB-106028-450	SV028-450-212	4/5/2021	N	2-Hexanone	0.76	J	ug/m3	Y	0.37
KAFB-106028-450	SV028-450-212	4/5/2021	N	Ethanol	10	J	ug/m3	Y	2.1
KAFB-106028-450	SV028-450-212	4/5/2021	N	Isopropyl alcohol	< 3.5	U	ug/m3	N	1.2
KAFB-106028-450	SV028-450-212	4/5/2021	N	Acetone	< 15	U	ug/m3	N	6.7
KAFB-106028-450	SV028-450-212	4/5/2021	N	Chloroform	0.79	J	ug/m3	Y	0.4
KAFB-106028-450	SV028-450-212	4/5/2021	N	Benzene	0.55	J	ug/m3	Y	0.43
KAFB-106028-450	SV028-450-212	4/5/2021	N	Chloromethane	2	J	ug/m3	Y	0.48
KAFB-106028-450	SV028-450-212	4/5/2021	N	Chloroethane	15		ug/m3	Y	0.37
KAFB-106028-450	SV028-450-212	4/5/2021	N	Vinyl chloride	2.5	J	ug/m3	Y	0.32
KAFB-106028-450	SV028-450-212	4/5/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.84
KAFB-106028-450	SV028-450-212	4/5/2021	N	Carbon disulfide	< 3	U	ug/m3	N	0.89
KAFB-106028-450	SV028-450-212	4/5/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.61
KAFB-106028-450	SV028-450-212	4/5/2021	N	Bromodichloromethane	< 0.95	U	ug/m3	N	0.43
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,1-Dichloroethane	2.8	J	ug/m3	Y	0.43
KAFB-106028-450	SV028-450-212	4/5/2021	N	Trichlorofluoromethane	2.6	J	ug/m3	Y	0.45
KAFB-106028-450	SV028-450-212	4/5/2021	N	Dichlorodifluoromethane	3.4		ug/m3	Y	0.49
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.95	U	ug/m3	N	0.42
KAFB-106028-450	SV028-450-212	4/5/2021	N	2-Butanone	4.1	J	ug/m3	Y	0.61
KAFB-106028-450	SV028-450-212	4/5/2021	N	Trichloroethene	< 0.95	U	ug/m3	N	0.4
KAFB-106028-450	SV028-450-212	4/5/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.72
KAFB-106028-450	SV028-450-212	4/5/2021	N	o-Xylene	< 0.95	U	ug/m3	N	0.43
KAFB-106028-450	SV028-450-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.95	U	ug/m3	N	0.41
KAFB-106111-025	SV111-025-212	4/6/2021	N	Ethylbenzene	14	J	ug/m3	Y	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	Styrene	< 45	U	ug/m3	N	12
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,2-Dibromoethane	< 24	U	ug/m3	N	8.8
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,3-Butadiene	< 45	U	ug/m3	N	12
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,2-Dichloroethane	< 24	U	ug/m3	N	8.3
KAFB-106111-025	SV111-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 24	U	ug/m3	N	10
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 24	U	ug/m3	N	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	Toluene	130		ug/m3	Y	9.2
KAFB-106111-025	SV111-025-212	4/6/2021	N	Tetrahydrofuran	< 24	U	ug/m3	N	9.5
KAFB-106111-025	SV111-025-212	4/6/2021	N	Hexane	39	J	ug/m3	Y	16
KAFB-106111-025	SV111-025-212	4/6/2021	N	Cyclohexane	< 48	U	ug/m3	N	21
KAFB-106111-025	SV111-025-212	4/6/2021	N	Propylene (propene)	< 45	U	ug/m3	N	18
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 45	U	ug/m3	N	18
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,4-Dioxane	< 24	U	ug/m3	N	8.9
KAFB-106111-025	SV111-025-212	4/6/2021	N	Dibromochloromethane	< 24	U	ug/m3	N	9.9
KAFB-106111-025	SV111-025-212	4/6/2021	N	Tetrachloroethene	< 24	U	ug/m3	N	9.8
KAFB-106111-025	SV111-025-212	4/6/2021	N	Xylenes, total	55	J	ug/m3	Y	20
KAFB-106111-025	SV111-025-212	4/6/2021	N	Ethyl acetate	50	J	ug/m3	Y	40
KAFB-106111-025	SV111-025-212	4/6/2021	N	n-Heptane	19	J	ug/m3	Y	12
KAFB-106111-025	SV111-025-212	4/6/2021	N	m- & p-Xylenes	40	J	ug/m3	Y	20
KAFB-106111-025	SV111-025-212	4/6/2021	N	Carbon tetrachloride	69	J	ug/m3	Y	10
KAFB-106111-025	SV111-025-212	4/6/2021	N	2-Hexanone	< 24	U	ug/m3	N	9.3
KAFB-106111-025	SV111-025-212	4/6/2021	N	Ethanol	1400		ug/m3	Y	52
KAFB-106111-025	SV111-025-212	4/6/2021	N	Isopropyl alcohol	86	J	ug/m3	Y	31
KAFB-106111-025	SV111-025-212	4/6/2021	N	Acetone	290	J	ug/m3	Y	170
KAFB-106111-025	SV111-025-212	4/6/2021	N	Chloroform	< 24	U	ug/m3	N	10

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106111-025	SV111-025-212	4/6/2021	N	Benzene	22	J	ug/m3	Y	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	Chloromethane	< 45	U	ug/m3	N	12
KAFB-106111-025	SV111-025-212	4/6/2021	N	Chloroethane	< 45	U	ug/m3	N	9.3
KAFB-106111-025	SV111-025-212	4/6/2021	N	Vinyl chloride	14	J	ug/m3	Y	8.1
KAFB-106111-025	SV111-025-212	4/6/2021	N	Methylene chloride	250		ug/m3	Y	21
KAFB-106111-025	SV111-025-212	4/6/2021	N	Carbon disulfide	< 76	U	ug/m3	N	23
KAFB-106111-025	SV111-025-212	4/6/2021	N	Bromoform	< 45	U	ug/m3	N	16
KAFB-106111-025	SV111-025-212	4/6/2021	N	Bromodichloromethane	< 24	U	ug/m3	N	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,1-Dichloroethane	< 47	U	ug/m3	N	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	Trichlorofluoromethane	17	J	ug/m3	Y	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	Dichlorodifluoromethane	60	J	ug/m3	Y	12
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	85		ug/m3	Y	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	2-Butanone	40	J	ug/m3	Y	16
KAFB-106111-025	SV111-025-212	4/6/2021	N	Trichloroethene	33	J	ug/m3	Y	10
KAFB-106111-025	SV111-025-212	4/6/2021	N	Naphthalene	< 44	U	ug/m3	N	18
KAFB-106111-025	SV111-025-212	4/6/2021	N	o-Xylene	15	J	ug/m3	Y	11
KAFB-106111-025	SV111-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	14	J	ug/m3	Y	10
KAFB-106111-050	SV111-050-212	4/6/2021	N	Ethylbenzene	92	J	ug/m3	Y	41
KAFB-106111-050	SV111-050-212	4/6/2021	N	Styrene	< 180	U	ug/m3	N	47
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,2-Dibromoethane	< 94	U	ug/m3	N	34
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,3-Butadiene	< 180	U	ug/m3	N	49
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,2-Dichloroethane	< 94	U	ug/m3	N	33
KAFB-106111-050	SV111-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 94	U	ug/m3	N	40
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 94	U	ug/m3	N	42
KAFB-106111-050	SV111-050-212	4/6/2021	N	Toluene	440		ug/m3	Y	36
KAFB-106111-050	SV111-050-212	4/6/2021	N	Tetrahydrofuran	42	J	ug/m3	Y	37
KAFB-106111-050	SV111-050-212	4/6/2021	N	Hexane	220	J	ug/m3	Y	61
KAFB-106111-050	SV111-050-212	4/6/2021	N	Cyclohexane	99	J	ug/m3	Y	83
KAFB-106111-050	SV111-050-212	4/6/2021	N	Propylene (propene)	710		ug/m3	Y	72
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 180	U	ug/m3	N	72
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,4-Dioxane	< 94	U	ug/m3	N	35
KAFB-106111-050	SV111-050-212	4/6/2021	N	Dibromochloromethane	< 94	U	ug/m3	N	39
KAFB-106111-050	SV111-050-212	4/6/2021	N	Tetrachloroethene	< 94	U	ug/m3	N	38
KAFB-106111-050	SV111-050-212	4/6/2021	N	Xylenes, total	400	J	ug/m3	Y	77
KAFB-106111-050	SV111-050-212	4/6/2021	N	Ethyl acetate	210	J	ug/m3	Y	150
KAFB-106111-050	SV111-050-212	4/6/2021	N	n-Heptane	110	J	ug/m3	Y	47
KAFB-106111-050	SV111-050-212	4/6/2021	N	m- & p-Xylenes	290	J	ug/m3	Y	77
KAFB-106111-050	SV111-050-212	4/6/2021	N	Carbon tetrachloride	100	J	ug/m3	Y	41
KAFB-106111-050	SV111-050-212	4/6/2021	N	2-Hexanone	< 94	U	ug/m3	N	36
KAFB-106111-050	SV111-050-212	4/6/2021	N	Ethanol	7900		ug/m3	Y	200
KAFB-106111-050	SV111-050-212	4/6/2021	N	Isopropyl alcohol	1600		ug/m3	Y	120
KAFB-106111-050	SV111-050-212	4/6/2021	N	Acetone	4600		ug/m3	Y	660
KAFB-106111-050	SV111-050-212	4/6/2021	N	Chloroform	< 94	U	ug/m3	N	39
KAFB-106111-050	SV111-050-212	4/6/2021	N	Benzene	1300		ug/m3	Y	42
KAFB-106111-050	SV111-050-212	4/6/2021	N	Chloromethane	< 180	U	ug/m3	N	47
KAFB-106111-050	SV111-050-212	4/6/2021	N	Chloroethane	< 180	U	ug/m3	N	36
KAFB-106111-050	SV111-050-212	4/6/2021	N	Vinyl chloride	< 94	U	ug/m3	N	31
KAFB-106111-050	SV111-050-212	4/6/2021	N	Methylene chloride	1000		ug/m3	Y	83
KAFB-106111-050	SV111-050-212	4/6/2021	N	Carbon disulfide	< 300	U	ug/m3	N	88
KAFB-106111-050	SV111-050-212	4/6/2021	N	Bromoform	< 180	U	ug/m3	N	61
KAFB-106111-050	SV111-050-212	4/6/2021	N	Bromodichloromethane	< 94	U	ug/m3	N	42
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,1-Dichloroethane	< 180	U	ug/m3	N	43
KAFB-106111-050	SV111-050-212	4/6/2021	N	Trichlorofluoromethane	93	J	ug/m3	Y	45
KAFB-106111-050	SV111-050-212	4/6/2021	N	Dichlorodifluoromethane	200	J	ug/m3	Y	48
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	130	J	ug/m3	Y	42

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106111-050	SV111-050-212	4/6/2021	N	2-Butanone	210	J	ug/m3	Y	61
KAFB-106111-050	SV111-050-212	4/6/2021	N	Trichloroethene	< 94	U	ug/m3	N	40
KAFB-106111-050	SV111-050-212	4/6/2021	N	Naphthalene	< 170	U	ug/m3	N	72
KAFB-106111-050	SV111-050-212	4/6/2021	N	o-Xylene	110	J	ug/m3	Y	42
KAFB-106111-050	SV111-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	100	J	ug/m3	Y	41
KAFB-106111-150	SV111-150-212	4/6/2021	N	Ethylbenzene	< 110	U	ug/m3	N	48
KAFB-106111-150	SV111-150-212	4/6/2021	N	Styrene	< 200	U	ug/m3	N	54
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,2-Dibromoethane	< 110	U	ug/m3	N	39
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,3-Butadiene	< 200	U	ug/m3	N	56
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,2-Dichloroethane	< 110	U	ug/m3	N	37
KAFB-106111-150	SV111-150-212	4/6/2021	N	4-Methyl-2-pentanone	< 110	U	ug/m3	N	46
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 110	U	ug/m3	N	49
KAFB-106111-150	SV111-150-212	4/6/2021	N	Toluene	< 110	U	ug/m3	N	41
KAFB-106111-150	SV111-150-212	4/6/2021	N	Tetrahydrofuran	< 110	U	ug/m3	N	42
KAFB-106111-150	SV111-150-212	4/6/2021	N	Hexane	120	J	ug/m3	Y	70
KAFB-106111-150	SV111-150-212	4/6/2021	N	Cyclohexane	170	J	ug/m3	Y	95
KAFB-106111-150	SV111-150-212	4/6/2021	N	Propylene (propene)	< 200	U	ug/m3	N	82
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 200	U	ug/m3	N	82
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,4-Dioxane	< 110	U	ug/m3	N	40
KAFB-106111-150	SV111-150-212	4/6/2021	N	Dibromochloromethane	< 110	U	ug/m3	N	44
KAFB-106111-150	SV111-150-212	4/6/2021	N	Tetrachloroethene	< 110	U	ug/m3	N	44
KAFB-106111-150	SV111-150-212	4/6/2021	N	Xylenes, total	99	J	ug/m3	Y	89
KAFB-106111-150	SV111-150-212	4/6/2021	N	Ethyl acetate	< 410	U	ug/m3	N	180
KAFB-106111-150	SV111-150-212	4/6/2021	N	n-Heptane	54	J	ug/m3	Y	54
KAFB-106111-150	SV111-150-212	4/6/2021	N	m- & p-Xylenes	99	J	ug/m3	Y	89
KAFB-106111-150	SV111-150-212	4/6/2021	N	Carbon tetrachloride	94	J	ug/m3	Y	47
KAFB-106111-150	SV111-150-212	4/6/2021	N	2-Hexanone	< 110	U	ug/m3	N	42
KAFB-106111-150	SV111-150-212	4/6/2021	N	Ethanol	3300	J	ug/m3	Y	230
KAFB-106111-150	SV111-150-212	4/6/2021	N	Isopropyl alcohol	300	J	ug/m3	Y	140
KAFB-106111-150	SV111-150-212	4/6/2021	N	Acetone	800	J	ug/m3	Y	760
KAFB-106111-150	SV111-150-212	4/6/2021	N	Chloroform	< 110	U	ug/m3	N	45
KAFB-106111-150	SV111-150-212	4/6/2021	N	Benzene	2500		ug/m3	Y	49
KAFB-106111-150	SV111-150-212	4/6/2021	N	Chloromethane	< 200	U	ug/m3	N	54
KAFB-106111-150	SV111-150-212	4/6/2021	N	Chloroethane	< 200	U	ug/m3	N	42
KAFB-106111-150	SV111-150-212	4/6/2021	N	Vinyl chloride	< 110	U	ug/m3	N	36
KAFB-106111-150	SV111-150-212	4/6/2021	N	Methylene chloride	350		ug/m3	Y	95
KAFB-106111-150	SV111-150-212	4/6/2021	N	Carbon disulfide	< 340	U	ug/m3	N	100
KAFB-106111-150	SV111-150-212	4/6/2021	N	Bromoform	< 200	U	ug/m3	N	70
KAFB-106111-150	SV111-150-212	4/6/2021	N	Bromodichloromethane	< 110	U	ug/m3	N	49
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,1-Dichloroethane	< 210	U	ug/m3	N	49
KAFB-106111-150	SV111-150-212	4/6/2021	N	Trichlorofluoromethane	< 200	U	ug/m3	N	51
KAFB-106111-150	SV111-150-212	4/6/2021	N	Dichlorodifluoromethane	100	J	ug/m3	Y	55
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	110	J	ug/m3	Y	48
KAFB-106111-150	SV111-150-212	4/6/2021	N	2-Butanone	110	J	ug/m3	Y	70
KAFB-106111-150	SV111-150-212	4/6/2021	N	Trichloroethene	< 110	U	ug/m3	N	46
KAFB-106111-150	SV111-150-212	4/6/2021	N	Naphthalene	< 200	U	ug/m3	N	82
KAFB-106111-150	SV111-150-212	4/6/2021	N	o-Xylene	< 110	U	ug/m3	N	49
KAFB-106111-150	SV111-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 110	U	ug/m3	N	47
KAFB-106111-250	SV111-250-212	4/6/2021	N	Ethylbenzene	< 300	U	ug/m3	N	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	Styrene	< 560	U	ug/m3	N	150
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,2-Dibromoethane	< 300	U	ug/m3	N	110
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,3-Butadiene	< 560	U	ug/m3	N	150
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,2-Dichloroethane	< 300	U	ug/m3	N	100
KAFB-106111-250	SV111-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 300	U	ug/m3	N	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	1100		ug/m3	Y	130

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106111-250	SV111-250-212	4/6/2021	N	Toluene	< 300	U	ug/m3	N	110
KAFB-106111-250	SV111-250-212	4/6/2021	N	Tetrahydrofuran	< 300	U	ug/m3	N	120
KAFB-106111-250	SV111-250-212	4/6/2021	N	Hexane	25000		ug/m3	Y	190
KAFB-106111-250	SV111-250-212	4/6/2021	N	Cyclohexane	83000		ug/m3	Y	260
KAFB-106111-250	SV111-250-212	4/6/2021	N	Propylene (propene)	< 560	U	ug/m3	N	230
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 560	U	ug/m3	N	230
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,4-Dioxane	< 300	U	ug/m3	N	110
KAFB-106111-250	SV111-250-212	4/6/2021	N	Dibromochloromethane	< 300	U	ug/m3	N	120
KAFB-106111-250	SV111-250-212	4/6/2021	N	Tetrachloroethene	< 300	U	ug/m3	N	120
KAFB-106111-250	SV111-250-212	4/6/2021	N	Xylenes, total	3300		ug/m3	Y	240
KAFB-106111-250	SV111-250-212	4/6/2021	N	Ethyl acetate	780	J	ug/m3	Y	490
KAFB-106111-250	SV111-250-212	4/6/2021	N	n-Heptane	2900		ug/m3	Y	150
KAFB-106111-250	SV111-250-212	4/6/2021	N	m- & p-Xylenes	550	J	ug/m3	Y	240
KAFB-106111-250	SV111-250-212	4/6/2021	N	Carbon tetrachloride	230	J	ug/m3	Y	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	2-Hexanone	< 300	U	ug/m3	N	110
KAFB-106111-250	SV111-250-212	4/6/2021	N	Ethanol	12000		ug/m3	Y	640
KAFB-106111-250	SV111-250-212	4/6/2021	N	Isopropyl alcohol	1200	J	ug/m3	Y	380
KAFB-106111-250	SV111-250-212	4/6/2021	N	Acetone	< 4700	U	ug/m3	N	2100
KAFB-106111-250	SV111-250-212	4/6/2021	N	Chloroform	< 300	U	ug/m3	N	120
KAFB-106111-250	SV111-250-212	4/6/2021	N	Benzene	44000		ug/m3	Y	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	Chloromethane	< 560	U	ug/m3	N	150
KAFB-106111-250	SV111-250-212	4/6/2021	N	Chloroethane	< 560	U	ug/m3	N	110
KAFB-106111-250	SV111-250-212	4/6/2021	N	Vinyl chloride	< 300	U	ug/m3	N	99
KAFB-106111-250	SV111-250-212	4/6/2021	N	Methylene chloride	940		ug/m3	Y	260
KAFB-106111-250	SV111-250-212	4/6/2021	N	Carbon disulfide	< 940	U	ug/m3	N	280
KAFB-106111-250	SV111-250-212	4/6/2021	N	Bromoform	< 560	U	ug/m3	N	190
KAFB-106111-250	SV111-250-212	4/6/2021	N	Bromodichloromethane	< 300	U	ug/m3	N	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,1-Dichloroethane	< 570	U	ug/m3	N	140
KAFB-106111-250	SV111-250-212	4/6/2021	N	Trichlorofluoromethane	< 560	U	ug/m3	N	140
KAFB-106111-250	SV111-250-212	4/6/2021	N	Dichlorodifluoromethane	200	J	ug/m3	Y	150
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	230	J	ug/m3	Y	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	2-Butanone	290	J	ug/m3	Y	190
KAFB-106111-250	SV111-250-212	4/6/2021	N	Trichloroethene	< 300	U	ug/m3	N	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	Naphthalene	< 540	U	ug/m3	N	230
KAFB-106111-250	SV111-250-212	4/6/2021	N	o-Xylene	2800		ug/m3	Y	130
KAFB-106111-250	SV111-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 300	U	ug/m3	N	130
KAFB-106111-350	SV111-350-212	4/6/2021	N	Ethylbenzene	1900	J	ug/m3	Y	550
KAFB-106111-350	SV111-350-212	4/6/2021	N	Styrene	< 2400	U	ug/m3	N	630
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,2-Dibromoethane	< 1300	U	ug/m3	N	460
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,3-Butadiene	< 2400	U	ug/m3	N	650
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,2-Dichloroethane	< 1300	U	ug/m3	N	430
KAFB-106111-350	SV111-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 1300	U	ug/m3	N	540
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	2100	J	ug/m3	Y	570
KAFB-106111-350	SV111-350-212	4/6/2021	N	Toluene	20000		ug/m3	Y	480
KAFB-106111-350	SV111-350-212	4/6/2021	N	Tetrahydrofuran	< 1300	U	ug/m3	N	490
KAFB-106111-350	SV111-350-212	4/6/2021	N	Hexane	610000		ug/m3	Y	810
KAFB-106111-350	SV111-350-212	4/6/2021	N	Cyclohexane	730000		ug/m3	Y	1100
KAFB-106111-350	SV111-350-212	4/6/2021	N	Propylene (propene)	5900		ug/m3	Y	960
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2400	U	ug/m3	N	960
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,4-Dioxane	< 1300	U	ug/m3	N	460
KAFB-106111-350	SV111-350-212	4/6/2021	N	Dibromochloromethane	< 1300	U	ug/m3	N	520
KAFB-106111-350	SV111-350-212	4/6/2021	N	Tetrachloroethene	< 1300	U	ug/m3	N	510
KAFB-106111-350	SV111-350-212	4/6/2021	N	Xylenes, total	17000		ug/m3	Y	1000
KAFB-106111-350	SV111-350-212	4/6/2021	N	Ethyl acetate	3900	J	ug/m3	Y	2100
KAFB-106111-350	SV111-350-212	4/6/2021	N	n-Heptane	190000		ug/m3	Y	630

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106111-350	SV111-350-212	4/6/2021	N	m- & p-Xylenes	4100	J	ug/m3	Y	1000
KAFB-106111-350	SV111-350-212	4/6/2021	N	Carbon tetrachloride	< 1300	U	ug/m3	N	550
KAFB-106111-350	SV111-350-212	4/6/2021	N	2-Hexanone	< 1300	U	ug/m3	N	490
KAFB-106111-350	SV111-350-212	4/6/2021	N	Ethanol	58000		ug/m3	Y	2700
KAFB-106111-350	SV111-350-212	4/6/2021	N	Isopropyl alcohol	5400	J	ug/m3	Y	1600
KAFB-106111-350	SV111-350-212	4/6/2021	N	Acetone	< 20000	U	ug/m3	N	8800
KAFB-106111-350	SV111-350-212	4/6/2021	N	Chloroform	< 1300	U	ug/m3	N	520
KAFB-106111-350	SV111-350-212	4/6/2021	N	Benzene	140000		ug/m3	Y	570
KAFB-106111-350	SV111-350-212	4/6/2021	N	Chloromethane	< 2400	U	ug/m3	N	630
KAFB-106111-350	SV111-350-212	4/6/2021	N	Chloroethane	< 2400	U	ug/m3	N	490
KAFB-106111-350	SV111-350-212	4/6/2021	N	Vinyl chloride	< 1300	U	ug/m3	N	420
KAFB-106111-350	SV111-350-212	4/6/2021	N	Methylene chloride	3700	J	ug/m3	Y	1100
KAFB-106111-350	SV111-350-212	4/6/2021	N	Carbon disulfide	< 4000	U	ug/m3	N	1200
KAFB-106111-350	SV111-350-212	4/6/2021	N	Bromoform	< 2400	U	ug/m3	N	810
KAFB-106111-350	SV111-350-212	4/6/2021	N	Bromodichloromethane	< 1300	U	ug/m3	N	570
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,1-Dichloroethane	< 2400	U	ug/m3	N	570
KAFB-106111-350	SV111-350-212	4/6/2021	N	Trichlorofluoromethane	< 2400	U	ug/m3	N	600
KAFB-106111-350	SV111-350-212	4/6/2021	N	Dichlorodifluoromethane	950	J	ug/m3	Y	640
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1300	U	ug/m3	N	560
KAFB-106111-350	SV111-350-212	4/6/2021	N	2-Butanone	1100	J	ug/m3	Y	810
KAFB-106111-350	SV111-350-212	4/6/2021	N	Trichloroethene	< 1300	U	ug/m3	N	530
KAFB-106111-350	SV111-350-212	4/6/2021	N	Naphthalene	< 2300	U	ug/m3	N	960
KAFB-106111-350	SV111-350-212	4/6/2021	N	o-Xylene	13000		ug/m3	Y	570
KAFB-106111-350	SV111-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 1300	U	ug/m3	N	550
KAFB-106111-450	SV111-450-212	4/6/2021	N	Ethylbenzene	130	J	ug/m3	Y	38
KAFB-106111-450	SV111-450-212	4/6/2021	N	Styrene	< 160	U	ug/m3	N	43
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,2-Dibromoethane	< 85	U	ug/m3	N	31
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,3-Butadiene	< 160	U	ug/m3	N	44
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,2-Dichloroethane	< 85	U	ug/m3	N	30
KAFB-106111-450	SV111-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 85	U	ug/m3	N	37
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 85	U	ug/m3	N	39
KAFB-106111-450	SV111-450-212	4/6/2021	N	Toluene	3100		ug/m3	Y	33
KAFB-106111-450	SV111-450-212	4/6/2021	N	Tetrahydrofuran	46	J	ug/m3	Y	34
KAFB-106111-450	SV111-450-212	4/6/2021	N	Hexane	10000		ug/m3	Y	55
KAFB-106111-450	SV111-450-212	4/6/2021	N	Cyclohexane	13000		ug/m3	Y	75
KAFB-106111-450	SV111-450-212	4/6/2021	N	Propylene (propene)	< 160	U	ug/m3	N	65
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 160	U	ug/m3	N	65
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,4-Dioxane	< 85	U	ug/m3	N	32
KAFB-106111-450	SV111-450-212	4/6/2021	N	Dibromochloromethane	< 85	U	ug/m3	N	35
KAFB-106111-450	SV111-450-212	4/6/2021	N	Tetrachloroethene	< 85	U	ug/m3	N	35
KAFB-106111-450	SV111-450-212	4/6/2021	N	Xylenes, total	470	J	ug/m3	Y	70
KAFB-106111-450	SV111-450-212	4/6/2021	N	Ethyl acetate	230	J	ug/m3	Y	140
KAFB-106111-450	SV111-450-212	4/6/2021	N	n-Heptane	4300		ug/m3	Y	43
KAFB-106111-450	SV111-450-212	4/6/2021	N	m- & p-Xylenes	330	J	ug/m3	Y	70
KAFB-106111-450	SV111-450-212	4/6/2021	N	Carbon tetrachloride	< 85	U	ug/m3	N	37
KAFB-106111-450	SV111-450-212	4/6/2021	N	2-Hexanone	< 85	U	ug/m3	N	33
KAFB-106111-450	SV111-450-212	4/6/2021	N	Ethanol	6300		ug/m3	Y	190
KAFB-106111-450	SV111-450-212	4/6/2021	N	Isopropyl alcohol	290	J	ug/m3	Y	110
KAFB-106111-450	SV111-450-212	4/6/2021	N	Acetone	< 1400	U	ug/m3	N	600
KAFB-106111-450	SV111-450-212	4/6/2021	N	Chloroform	< 85	U	ug/m3	N	36
KAFB-106111-450	SV111-450-212	4/6/2021	N	Benzene	6900		ug/m3	Y	39
KAFB-106111-450	SV111-450-212	4/6/2021	N	Chloromethane	83	J	ug/m3	Y	43
KAFB-106111-450	SV111-450-212	4/6/2021	N	Chloroethane	< 160	U	ug/m3	N	33
KAFB-106111-450	SV111-450-212	4/6/2021	N	Vinyl chloride	< 85	U	ug/m3	N	29
KAFB-106111-450	SV111-450-212	4/6/2021	N	Methylene chloride	260	J	ug/m3	Y	75

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106111-450	SV111-450-212	4/6/2021	N	Carbon disulfide	190	J	ug/m3	Y	80
KAFB-106111-450	SV111-450-212	4/6/2021	N	Bromoform	< 160	U	ug/m3	N	55
KAFB-106111-450	SV111-450-212	4/6/2021	N	Bromodichloromethane	< 85	U	ug/m3	N	39
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,1-Dichloroethane	< 170	U	ug/m3	N	39
KAFB-106111-450	SV111-450-212	4/6/2021	N	Trichlorofluoromethane	74	J	ug/m3	Y	41
KAFB-106111-450	SV111-450-212	4/6/2021	N	Dichlorodifluoromethane	520		ug/m3	Y	44
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	270	J	ug/m3	Y	38
KAFB-106111-450	SV111-450-212	4/6/2021	N	2-Butanone	82	J	ug/m3	Y	55
KAFB-106111-450	SV111-450-212	4/6/2021	N	Trichloroethene	< 85	U	ug/m3	N	36
KAFB-106111-450	SV111-450-212	4/6/2021	N	Naphthalene	< 160	U	ug/m3	N	65
KAFB-106111-450	SV111-450-212	4/6/2021	N	o-Xylene	140	J	ug/m3	Y	39
KAFB-106111-450	SV111-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 85	U	ug/m3	N	37
KAFB-106114-025	SV114-025-212	4/6/2021	N	Ethylbenzene	0.35	J	ug/m3	Y	0.34
KAFB-106114-025	SV114-025-212	4/6/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106114-025	SV114-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.33
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	0.43	J	ug/m3	Y	0.35
KAFB-106114-025	SV114-025-212	4/6/2021	N	Toluene	3.8		ug/m3	Y	0.3
KAFB-106114-025	SV114-025-212	4/6/2021	N	Tetrahydrofuran	0.75	J	ug/m3	Y	0.31
KAFB-106114-025	SV114-025-212	4/6/2021	N	Hexane	3.9		ug/m3	Y	0.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	Cyclohexane	2.9	J	ug/m3	Y	0.69
KAFB-106114-025	SV114-025-212	4/6/2021	N	Propylene (propene)	2	J	ug/m3	Y	0.59
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106114-025	SV114-025-212	4/6/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
KAFB-106114-025	SV114-025-212	4/6/2021	N	Tetrachloroethene	12		ug/m3	Y	0.32
KAFB-106114-025	SV114-025-212	4/6/2021	N	Xylenes, total	2.4	J	ug/m3	Y	0.64
KAFB-106114-025	SV114-025-212	4/6/2021	N	Ethyl acetate	52	J	ug/m3	Y	1.3
KAFB-106114-025	SV114-025-212	4/6/2021	N	n-Heptane	2.4	J	ug/m3	Y	0.39
KAFB-106114-025	SV114-025-212	4/6/2021	N	m- & p-Xylenes	1.1	J	ug/m3	Y	0.64
KAFB-106114-025	SV114-025-212	4/6/2021	N	Carbon tetrachloride	40		ug/m3	Y	0.34
KAFB-106114-025	SV114-025-212	4/6/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
KAFB-106114-025	SV114-025-212	4/6/2021	N	Ethanol	20	J	ug/m3	Y	1.7
KAFB-106114-025	SV114-025-212	4/6/2021	N	Isopropyl alcohol	3.8	J	ug/m3	Y	1
KAFB-106114-025	SV114-025-212	4/6/2021	N	Acetone	14	J	ug/m3	Y	5.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	Chloroform	0.94	J	ug/m3	Y	0.32
KAFB-106114-025	SV114-025-212	4/6/2021	N	Benzene	2.5		ug/m3	Y	0.35
KAFB-106114-025	SV114-025-212	4/6/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
KAFB-106114-025	SV114-025-212	4/6/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106114-025	SV114-025-212	4/6/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106114-025	SV114-025-212	4/6/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106114-025	SV114-025-212	4/6/2021	N	Carbon disulfide	< 2.5	U	ug/m3	N	0.73
KAFB-106114-025	SV114-025-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106114-025	SV114-025-212	4/6/2021	N	Trichlorofluoromethane	41		ug/m3	Y	0.37
KAFB-106114-025	SV114-025-212	4/6/2021	N	Dichlorodifluoromethane	300		ug/m3	Y	0.4
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	49		ug/m3	Y	0.35
KAFB-106114-025	SV114-025-212	4/6/2021	N	2-Butanone	2.2	J	ug/m3	Y	0.5
KAFB-106114-025	SV114-025-212	4/6/2021	N	Trichloroethene	< 0.78	U	ug/m3	N	0.33
KAFB-106114-025	SV114-025-212	4/6/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106114-025	SV114-025-212	4/6/2021	N	o-Xylene	1.3	J	ug/m3	Y	0.35
KAFB-106114-025	SV114-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 0.78	U	ug/m3	N	0.34

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106114-050	SV114-050-212	4/6/2021	N	Ethylbenzene	< 0.84	U	ug/m3	N	0.37
KAFB-106114-050	SV114-050-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106114-050	SV114-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.84	U	ug/m3	N	0.38
KAFB-106114-050	SV114-050-212	4/6/2021	N	Toluene	2.9		ug/m3	Y	0.32
KAFB-106114-050	SV114-050-212	4/6/2021	N	Tetrahydrofuran	14		ug/m3	Y	0.33
KAFB-106114-050	SV114-050-212	4/6/2021	N	Hexane	0.63	J	ug/m3	Y	0.54
KAFB-106114-050	SV114-050-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106114-050	SV114-050-212	4/6/2021	N	Propylene (propene)	1.5	J	ug/m3	Y	0.64
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106114-050	SV114-050-212	4/6/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.35
KAFB-106114-050	SV114-050-212	4/6/2021	N	Tetrachloroethene	1.1	J	ug/m3	Y	0.34
KAFB-106114-050	SV114-050-212	4/6/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.69
KAFB-106114-050	SV114-050-212	4/6/2021	N	Ethyl acetate	12	J	ug/m3	Y	1.4
KAFB-106114-050	SV114-050-212	4/6/2021	N	n-Heptane	0.55	J	ug/m3	Y	0.42
KAFB-106114-050	SV114-050-212	4/6/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.69
KAFB-106114-050	SV114-050-212	4/6/2021	N	Carbon tetrachloride	44		ug/m3	Y	0.37
KAFB-106114-050	SV114-050-212	4/6/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
KAFB-106114-050	SV114-050-212	4/6/2021	N	Ethanol	13	J	ug/m3	Y	1.8
KAFB-106114-050	SV114-050-212	4/6/2021	N	Isopropyl alcohol	1.9	J	ug/m3	Y	1.1
KAFB-106114-050	SV114-050-212	4/6/2021	N	Acetone	9.9	J	ug/m3	Y	5.9
KAFB-106114-050	SV114-050-212	4/6/2021	N	Chloroform	0.85	J	ug/m3	Y	0.35
KAFB-106114-050	SV114-050-212	4/6/2021	N	Benzene	0.71	J	ug/m3	Y	0.38
KAFB-106114-050	SV114-050-212	4/6/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106114-050	SV114-050-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106114-050	SV114-050-212	4/6/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106114-050	SV114-050-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106114-050	SV114-050-212	4/6/2021	N	Carbon disulfide	1.3	J	ug/m3	Y	0.79
KAFB-106114-050	SV114-050-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106114-050	SV114-050-212	4/6/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106114-050	SV114-050-212	4/6/2021	N	Trichlorofluoromethane	44		ug/m3	Y	0.4
KAFB-106114-050	SV114-050-212	4/6/2021	N	Dichlorodifluoromethane	340		ug/m3	Y	0.43
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	54		ug/m3	Y	0.38
KAFB-106114-050	SV114-050-212	4/6/2021	N	2-Butanone	1.6	J	ug/m3	Y	0.54
KAFB-106114-050	SV114-050-212	4/6/2021	N	Trichloroethene	< 0.84	U	ug/m3	N	0.36
KAFB-106114-050	SV114-050-212	4/6/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106114-050	SV114-050-212	4/6/2021	N	o-Xylene	< 0.84	U	ug/m3	N	0.38
KAFB-106114-050	SV114-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 0.84	U	ug/m3	N	0.37
KAFB-106114-150	SV114-150-212	4/6/2021	N	Ethylbenzene	< 0.84	U	ug/m3	N	0.37
KAFB-106114-150	SV114-150-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106114-150	SV114-150-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.84	U	ug/m3	N	0.38
KAFB-106114-150	SV114-150-212	4/6/2021	N	Toluene	1.3	J	ug/m3	Y	0.32
KAFB-106114-150	SV114-150-212	4/6/2021	N	Tetrahydrofuran	2.1	J	ug/m3	Y	0.33
KAFB-106114-150	SV114-150-212	4/6/2021	N	Hexane	< 1.6	U	ug/m3	N	0.54
KAFB-106114-150	SV114-150-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106114-150	SV114-150-212	4/6/2021	N	Propylene (propene)	0.93	J	ug/m3	Y	0.64

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,4-Dioxane	0.48	J	ug/m3	Y	0.31
KAFB-106114-150	SV114-150-212	4/6/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.35
KAFB-106114-150	SV114-150-212	4/6/2021	N	Tetrachloroethene	1	J	ug/m3	Y	0.34
KAFB-106114-150	SV114-150-212	4/6/2021	N	Xylenes, total	0.75	J	ug/m3	Y	0.69
KAFB-106114-150	SV114-150-212	4/6/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106114-150	SV114-150-212	4/6/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106114-150	SV114-150-212	4/6/2021	N	m- & p-Xylenes	0.75	J	ug/m3	Y	0.69
KAFB-106114-150	SV114-150-212	4/6/2021	N	Carbon tetrachloride	21		ug/m3	Y	0.37
KAFB-106114-150	SV114-150-212	4/6/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
KAFB-106114-150	SV114-150-212	4/6/2021	N	Ethanol	4.9	J	ug/m3	Y	1.8
KAFB-106114-150	SV114-150-212	4/6/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106114-150	SV114-150-212	4/6/2021	N	Acetone	22	J	ug/m3	Y	5.9
KAFB-106114-150	SV114-150-212	4/6/2021	N	Chloroform	0.9	J	ug/m3	Y	0.35
KAFB-106114-150	SV114-150-212	4/6/2021	N	Benzene	0.62	J	ug/m3	Y	0.38
KAFB-106114-150	SV114-150-212	4/6/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106114-150	SV114-150-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106114-150	SV114-150-212	4/6/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106114-150	SV114-150-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106114-150	SV114-150-212	4/6/2021	N	Carbon disulfide	8.2		ug/m3	Y	0.79
KAFB-106114-150	SV114-150-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106114-150	SV114-150-212	4/6/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106114-150	SV114-150-212	4/6/2021	N	Trichlorofluoromethane	24		ug/m3	Y	0.4
KAFB-106114-150	SV114-150-212	4/6/2021	N	Dichlorodifluoromethane	260		ug/m3	Y	0.43
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	27		ug/m3	Y	0.38
KAFB-106114-150	SV114-150-212	4/6/2021	N	2-Butanone	1.1	J	ug/m3	Y	0.54
KAFB-106114-150	SV114-150-212	4/6/2021	N	Trichloroethene	< 0.84	U	ug/m3	N	0.36
KAFB-106114-150	SV114-150-212	4/6/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106114-150	SV114-150-212	4/6/2021	N	o-Xylene	< 0.84	U	ug/m3	N	0.38
KAFB-106114-150	SV114-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 0.84	U	ug/m3	N	0.37
KAFB-106114-250	SV114-250-212	4/6/2021	N	Ethylbenzene	2.5		ug/m3	Y	0.35
KAFB-106114-250	SV114-250-212	4/6/2021	N	Styrene	0.52	J	ug/m3	Y	0.41
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,2-Dibromoethane	< 0.8	U	ug/m3	N	0.29
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,2-Dichloroethane	< 0.8	U	ug/m3	N	0.28
KAFB-106114-250	SV114-250-212	4/6/2021	N	4-Methyl-2-pentanone	0.38	J	ug/m3	Y	0.34
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.8	U	ug/m3	N	0.36
KAFB-106114-250	SV114-250-212	4/6/2021	N	Toluene	3.8		ug/m3	Y	0.31
KAFB-106114-250	SV114-250-212	4/6/2021	N	Tetrahydrofuran	7.2		ug/m3	Y	0.32
KAFB-106114-250	SV114-250-212	4/6/2021	N	Hexane	0.63	J	ug/m3	Y	0.52
KAFB-106114-250	SV114-250-212	4/6/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.71
KAFB-106114-250	SV114-250-212	4/6/2021	N	Propylene (propene)	2.6		ug/m3	Y	0.61
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,4-Dioxane	0.3	J	ug/m3	Y	0.3
KAFB-106114-250	SV114-250-212	4/6/2021	N	Dibromochloromethane	< 0.8	U	ug/m3	N	0.33
KAFB-106114-250	SV114-250-212	4/6/2021	N	Tetrachloroethene	1	J	ug/m3	Y	0.33
KAFB-106114-250	SV114-250-212	4/6/2021	N	Xylenes, total	4.9		ug/m3	Y	0.66
KAFB-106114-250	SV114-250-212	4/6/2021	N	Ethyl acetate	5.1	J	ug/m3	Y	1.3
KAFB-106114-250	SV114-250-212	4/6/2021	N	n-Heptane	0.55	J	ug/m3	Y	0.4
KAFB-106114-250	SV114-250-212	4/6/2021	N	m- & p-Xylenes	3.9	J	ug/m3	Y	0.66
KAFB-106114-250	SV114-250-212	4/6/2021	N	Carbon tetrachloride	72		ug/m3	Y	0.35
KAFB-106114-250	SV114-250-212	4/6/2021	N	2-Hexanone	0.7	J	ug/m3	Y	0.31
KAFB-106114-250	SV114-250-212	4/6/2021	N	Ethanol	11	J	ug/m3	Y	1.7
KAFB-106114-250	SV114-250-212	4/6/2021	N	Isopropyl alcohol	5.4		ug/m3	Y	1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106114-250	SV114-250-212	4/6/2021	N	Acetone	8.5	J	ug/m3	Y	5.7
KAFB-106114-250	SV114-250-212	4/6/2021	N	Chloroform	5.9		ug/m3	Y	0.34
KAFB-106114-250	SV114-250-212	4/6/2021	N	Benzene	0.8	J	ug/m3	Y	0.36
KAFB-106114-250	SV114-250-212	4/6/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106114-250	SV114-250-212	4/6/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106114-250	SV114-250-212	4/6/2021	N	Vinyl chloride	< 0.8	U	ug/m3	N	0.27
KAFB-106114-250	SV114-250-212	4/6/2021	N	Methylene chloride	2.6		ug/m3	Y	0.71
KAFB-106114-250	SV114-250-212	4/6/2021	N	Carbon disulfide	12		ug/m3	Y	0.76
KAFB-106114-250	SV114-250-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106114-250	SV114-250-212	4/6/2021	N	Bromodichloromethane	< 0.8	U	ug/m3	N	0.36
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106114-250	SV114-250-212	4/6/2021	N	Trichlorofluoromethane	27		ug/m3	Y	0.38
KAFB-106114-250	SV114-250-212	4/6/2021	N	Dichlorodifluoromethane	320		ug/m3	Y	0.41
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	24		ug/m3	Y	0.36
KAFB-106114-250	SV114-250-212	4/6/2021	N	2-Butanone	13		ug/m3	Y	0.52
KAFB-106114-250	SV114-250-212	4/6/2021	N	Trichloroethene	0.94	J	ug/m3	Y	0.34
KAFB-106114-250	SV114-250-212	4/6/2021	N	Naphthalene	4.7		ug/m3	Y	0.61
KAFB-106114-250	SV114-250-212	4/6/2021	N	o-Xylene	0.95	J	ug/m3	Y	0.36
KAFB-106114-250	SV114-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	0.78	J	ug/m3	Y	0.35
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Ethylbenzene	< 0.8	U	ug/m3	N	0.35
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,2-Dibromoethane	< 0.8	U	ug/m3	N	0.29
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,2-Dichloroethane	< 0.8	U	ug/m3	N	0.28
KAFB-106114-250	SV114-250-612	4/6/2021	FD	4-Methyl-2-pentanone	< 0.8	U	ug/m3	N	0.34
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,3,5-Trimethylbenzene	< 0.8	U	ug/m3	N	0.36
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Toluene	1	J	ug/m3	Y	0.31
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Tetrahydrofuran	2.5	J	ug/m3	Y	0.31
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Hexane	0.74	J	ug/m3	Y	0.52
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Cyclohexane	< 1.6	U	ug/m3	N	0.71
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Propylene (propene)	2	J	ug/m3	Y	0.61
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,4-Dioxane	1.2	J	ug/m3	Y	0.3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Dibromochloromethane	< 0.8	U	ug/m3	N	0.33
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Tetrachloroethene	0.9	J	ug/m3	Y	0.32
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Xylenes, total	< 1.6	U	ug/m3	N	0.66
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	n-Heptane	0.59	J	ug/m3	Y	0.4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.66
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Carbon tetrachloride	72		ug/m3	Y	0.35
KAFB-106114-250	SV114-250-612	4/6/2021	FD	2-Hexanone	0.49	J	ug/m3	Y	0.31
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Ethanol	5.1	J	ug/m3	Y	1.7
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Isopropyl alcohol	< 3	U	ug/m3	N	1
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Acetone	11	J	ug/m3	Y	5.6
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Chloroform	6.1		ug/m3	Y	0.33
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Benzene	0.86	J	ug/m3	Y	0.36
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Vinyl chloride	< 0.8	U	ug/m3	N	0.27
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Methylene chloride	< 1.5	U	ug/m3	N	0.71
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Carbon disulfide	28		ug/m3	Y	0.75
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Bromodichloromethane	< 0.8	U	ug/m3	N	0.36
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Trichlorofluoromethane	28		ug/m3	Y	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Dichlorodifluoromethane	310		ug/m3	Y	0.41
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	24		ug/m3	Y	0.36
KAFB-106114-250	SV114-250-612	4/6/2021	FD	2-Butanone	2.1	J	ug/m3	Y	0.52
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Trichloroethene	0.88	J	ug/m3	Y	0.34
KAFB-106114-250	SV114-250-612	4/6/2021	FD	Naphthalene	< 1.5	U	ug/m3	N	0.61
KAFB-106114-250	SV114-250-612	4/6/2021	FD	o-Xylene	< 0.8	U	ug/m3	N	0.36
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1,2,4-Trimethylbenzene	< 0.8	U	ug/m3	N	0.35
KAFB-106114-350	SV114-350-212	4/6/2021	N	Ethylbenzene	< 8.6	U	ug/m3	N	3.8
KAFB-106114-350	SV114-350-212	4/6/2021	N	Styrene	< 16	U	ug/m3	N	4.4
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,2-Dibromoethane	< 8.6	U	ug/m3	N	3.1
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,3-Butadiene	< 16	U	ug/m3	N	4.5
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,2-Dichloroethane	< 8.6	U	ug/m3	N	3
KAFB-106114-350	SV114-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 8.6	U	ug/m3	N	3.7
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 8.6	U	ug/m3	N	3.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	Toluene	< 8.6	U	ug/m3	N	3.3
KAFB-106114-350	SV114-350-212	4/6/2021	N	Tetrahydrofuran	< 8.6	U	ug/m3	N	3.4
KAFB-106114-350	SV114-350-212	4/6/2021	N	Hexane	< 16	U	ug/m3	N	5.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Cyclohexane	< 17	U	ug/m3	N	7.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Propylene (propene)	19	J	ug/m3	Y	6.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 16	U	ug/m3	N	6.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,4-Dioxane	< 8.6	U	ug/m3	N	3.2
KAFB-106114-350	SV114-350-212	4/6/2021	N	Dibromochloromethane	< 8.6	U	ug/m3	N	3.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Tetrachloroethene	5.5	J	ug/m3	Y	3.5
KAFB-106114-350	SV114-350-212	4/6/2021	N	Xylenes, total	< 17	U	ug/m3	N	7.1
KAFB-106114-350	SV114-350-212	4/6/2021	N	Ethyl acetate	< 33	U	ug/m3	N	14
KAFB-106114-350	SV114-350-212	4/6/2021	N	n-Heptane	< 16	U	ug/m3	N	4.3
KAFB-106114-350	SV114-350-212	4/6/2021	N	m- & p-Xylenes	< 17	U	ug/m3	N	7.1
KAFB-106114-350	SV114-350-212	4/6/2021	N	Carbon tetrachloride	9.2	J	ug/m3	Y	3.8
KAFB-106114-350	SV114-350-212	4/6/2021	N	2-Hexanone	< 8.6	U	ug/m3	N	3.3
KAFB-106114-350	SV114-350-212	4/6/2021	N	Ethanol	< 42	U	ug/m3	N	19
KAFB-106114-350	SV114-350-212	4/6/2021	N	Isopropyl alcohol	< 32	U	ug/m3	N	11
KAFB-106114-350	SV114-350-212	4/6/2021	N	Acetone	< 140	U	ug/m3	N	61
KAFB-106114-350	SV114-350-212	4/6/2021	N	Chloroform	< 8.6	U	ug/m3	N	3.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Benzene	14	J	ug/m3	Y	3.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	Chloromethane	< 16	U	ug/m3	N	4.4
KAFB-106114-350	SV114-350-212	4/6/2021	N	Chloroethane	< 16	U	ug/m3	N	3.3
KAFB-106114-350	SV114-350-212	4/6/2021	N	Vinyl chloride	< 8.6	U	ug/m3	N	2.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	Methylene chloride	< 16	U	ug/m3	N	7.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Carbon disulfide	< 27	U	ug/m3	N	8.1
KAFB-106114-350	SV114-350-212	4/6/2021	N	Bromoform	< 16	U	ug/m3	N	5.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Bromodichloromethane	< 8.6	U	ug/m3	N	3.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,1-Dichloroethane	< 17	U	ug/m3	N	4
KAFB-106114-350	SV114-350-212	4/6/2021	N	Trichlorofluoromethane	420		ug/m3	Y	4.1
KAFB-106114-350	SV114-350-212	4/6/2021	N	Dichlorodifluoromethane	2700		ug/m3	Y	4.4
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	140		ug/m3	Y	3.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	2-Butanone	< 16	U	ug/m3	N	5.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	Trichloroethene	< 8.6	U	ug/m3	N	3.7
KAFB-106114-350	SV114-350-212	4/6/2021	N	Naphthalene	< 16	U	ug/m3	N	6.6
KAFB-106114-350	SV114-350-212	4/6/2021	N	o-Xylene	< 8.6	U	ug/m3	N	3.9
KAFB-106114-350	SV114-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 8.6	U	ug/m3	N	3.8
KAFB-106114-450	SV114-450-212	4/6/2021	N	n-Heptane	480000		ug/m3	Y	1000
KAFB-106114-450	SV114-450-212	4/6/2021	N	Ethylbenzene	6700		ug/m3	Y	270
KAFB-106114-450	SV114-450-212	4/6/2021	N	Styrene	< 1200	U	ug/m3	N	310
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,2-Dibromoethane	< 610	U	ug/m3	N	220
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,3-Butadiene	< 1200	U	ug/m3	N	320

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,2-Dichloroethane	< 610	U	ug/m3	N	210
KAFB-106114-450	SV114-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 610	U	ug/m3	N	260
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	7300		ug/m3	Y	280
KAFB-106114-450	SV114-450-212	4/6/2021	N	Toluene	80000		ug/m3	Y	230
KAFB-106114-450	SV114-450-212	4/6/2021	N	Tetrahydrofuran	< 610	U	ug/m3	N	240
KAFB-106114-450	SV114-450-212	4/6/2021	N	Hexane	210000		ug/m3	Y	400
KAFB-106114-450	SV114-450-212	4/6/2021	N	Cyclohexane	280000		ug/m3	Y	540
KAFB-106114-450	SV114-450-212	4/6/2021	N	Propylene (propene)	14000		ug/m3	Y	470
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1200	U	ug/m3	N	470
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,4-Dioxane	< 610	U	ug/m3	N	230
KAFB-106114-450	SV114-450-212	4/6/2021	N	Dibromochloromethane	< 610	U	ug/m3	N	250
KAFB-106114-450	SV114-450-212	4/6/2021	N	Tetrachloroethene	< 610	U	ug/m3	N	250
KAFB-106114-450	SV114-450-212	4/6/2021	N	Xylenes, total	94000		ug/m3	Y	500
KAFB-106114-450	SV114-450-212	4/6/2021	N	Ethyl acetate	1300	J	ug/m3	Y	1000
KAFB-106114-450	SV114-450-212	4/6/2021	N	m- & p-Xylenes	60000		ug/m3	Y	500
KAFB-106114-450	SV114-450-212	4/6/2021	N	Carbon tetrachloride	< 610	U	ug/m3	N	270
KAFB-106114-450	SV114-450-212	4/6/2021	N	2-Hexanone	< 610	U	ug/m3	N	240
KAFB-106114-450	SV114-450-212	4/6/2021	N	Ethanol	18000	J	ug/m3	Y	1300
KAFB-106114-450	SV114-450-212	4/6/2021	N	Isopropyl alcohol	2100	J	ug/m3	Y	790
KAFB-106114-450	SV114-450-212	4/6/2021	N	Acetone	< 9700	U	ug/m3	N	4300
KAFB-106114-450	SV114-450-212	4/6/2021	N	Chloroform	< 610	U	ug/m3	N	260
KAFB-106114-450	SV114-450-212	4/6/2021	N	Benzene	15000		ug/m3	Y	280
KAFB-106114-450	SV114-450-212	4/6/2021	N	Chloromethane	< 1200	U	ug/m3	N	310
KAFB-106114-450	SV114-450-212	4/6/2021	N	Chloroethane	< 1200	U	ug/m3	N	240
KAFB-106114-450	SV114-450-212	4/6/2021	N	Vinyl chloride	< 610	U	ug/m3	N	210
KAFB-106114-450	SV114-450-212	4/6/2021	N	Methylene chloride	1800	J	ug/m3	Y	540
KAFB-106114-450	SV114-450-212	4/6/2021	N	Carbon disulfide	< 1900	U	ug/m3	N	580
KAFB-106114-450	SV114-450-212	4/6/2021	N	Bromoform	< 1200	U	ug/m3	N	400
KAFB-106114-450	SV114-450-212	4/6/2021	N	Bromodichloromethane	< 610	U	ug/m3	N	280
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,1-Dichloroethane	< 1200	U	ug/m3	N	280
KAFB-106114-450	SV114-450-212	4/6/2021	N	Trichlorofluoromethane	630	J	ug/m3	Y	290
KAFB-106114-450	SV114-450-212	4/6/2021	N	Dichlorodifluoromethane	3100		ug/m3	Y	310
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 610	U	ug/m3	N	270
KAFB-106114-450	SV114-450-212	4/6/2021	N	2-Butanone	480	J	ug/m3	Y	400
KAFB-106114-450	SV114-450-212	4/6/2021	N	Trichloroethene	< 610	U	ug/m3	N	260
KAFB-106114-450	SV114-450-212	4/6/2021	N	Naphthalene	< 1100	U	ug/m3	N	470
KAFB-106114-450	SV114-450-212	4/6/2021	N	o-Xylene	35000		ug/m3	Y	280
KAFB-106114-450	SV114-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	8400		ug/m3	Y	270
KAFB-106116-025	SV116-025-212	4/6/2021	N	Ethylbenzene	1.3	J	ug/m3	Y	0.38
KAFB-106116-025	SV116-025-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,2-Dibromoethane	< 0.87	U	ug/m3	N	0.32
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,2-Dichloroethane	< 0.87	U	ug/m3	N	0.3
KAFB-106116-025	SV116-025-212	4/6/2021	N	4-Methyl-2-pentanone	0.45	J	ug/m3	Y	0.37
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	2.3	J	ug/m3	Y	0.39
KAFB-106116-025	SV116-025-212	4/6/2021	N	Toluene	3.6		ug/m3	Y	0.33
KAFB-106116-025	SV116-025-212	4/6/2021	N	Tetrahydrofuran	< 0.87	U	ug/m3	N	0.34
KAFB-106116-025	SV116-025-212	4/6/2021	N	Hexane	0.89	J	ug/m3	Y	0.56
KAFB-106116-025	SV116-025-212	4/6/2021	N	Cyclohexane	5	J	ug/m3	Y	0.77
KAFB-106116-025	SV116-025-212	4/6/2021	N	Propylene (propene)	2.3	J	ug/m3	Y	0.67
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.67
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,4-Dioxane	< 0.87	U	ug/m3	N	0.32
KAFB-106116-025	SV116-025-212	4/6/2021	N	Dibromochloromethane	< 0.87	U	ug/m3	N	0.36
KAFB-106116-025	SV116-025-212	4/6/2021	N	Tetrachloroethene	0.55	J	ug/m3	Y	0.35
KAFB-106116-025	SV116-025-212	4/6/2021	N	Xylenes, total	24		ug/m3	Y	0.72

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106116-025	SV116-025-212	4/6/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106116-025	SV116-025-212	4/6/2021	N	n-Heptane	2.7		ug/m3	Y	0.44
KAFB-106116-025	SV116-025-212	4/6/2021	N	m- & p-Xylenes	16		ug/m3	Y	0.72
KAFB-106116-025	SV116-025-212	4/6/2021	N	Carbon tetrachloride	8.5		ug/m3	Y	0.38
KAFB-106116-025	SV116-025-212	4/6/2021	N	2-Hexanone	1.6	J	ug/m3	Y	0.34
KAFB-106116-025	SV116-025-212	4/6/2021	N	Ethanol	8	J	ug/m3	Y	1.9
KAFB-106116-025	SV116-025-212	4/6/2021	N	Isopropyl alcohol	1.9	J	ug/m3	Y	1.1
KAFB-106116-025	SV116-025-212	4/6/2021	N	Acetone	39		ug/m3	Y	6.2
KAFB-106116-025	SV116-025-212	4/6/2021	N	Chloroform	0.52	J	ug/m3	Y	0.36
KAFB-106116-025	SV116-025-212	4/6/2021	N	Benzene	0.79	J	ug/m3	Y	0.39
KAFB-106116-025	SV116-025-212	4/6/2021	N	Chloromethane	0.5	J	ug/m3	Y	0.44
KAFB-106116-025	SV116-025-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.34
KAFB-106116-025	SV116-025-212	4/6/2021	N	Vinyl chloride	< 0.87	U	ug/m3	N	0.29
KAFB-106116-025	SV116-025-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.77
KAFB-106116-025	SV116-025-212	4/6/2021	N	Carbon disulfide	5.8		ug/m3	Y	0.82
KAFB-106116-025	SV116-025-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106116-025	SV116-025-212	4/6/2021	N	Bromodichloromethane	< 0.87	U	ug/m3	N	0.39
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106116-025	SV116-025-212	4/6/2021	N	Trichlorofluoromethane	11		ug/m3	Y	0.42
KAFB-106116-025	SV116-025-212	4/6/2021	N	Dichlorodifluoromethane	86		ug/m3	Y	0.45
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	34		ug/m3	Y	0.39
KAFB-106116-025	SV116-025-212	4/6/2021	N	2-Butanone	6		ug/m3	Y	0.56
KAFB-106116-025	SV116-025-212	4/6/2021	N	Trichloroethene	1	J	ug/m3	Y	0.37
KAFB-106116-025	SV116-025-212	4/6/2021	N	Naphthalene	1.5	J	ug/m3	Y	0.67
KAFB-106116-025	SV116-025-212	4/6/2021	N	o-Xylene	7.2		ug/m3	Y	0.39
KAFB-106116-025	SV116-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	7.9		ug/m3	Y	0.38
KAFB-106116-050	SV116-050-212	4/6/2021	N	Ethylbenzene	2.4	J	ug/m3	Y	0.41
KAFB-106116-050	SV116-050-212	4/6/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,2-Dibromoethane	0.5	J	ug/m3	Y	0.33
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,2-Dichloroethane	< 0.92	U	ug/m3	N	0.32
KAFB-106116-050	SV116-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.92	U	ug/m3	N	0.39
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	3.2		ug/m3	Y	0.42
KAFB-106116-050	SV116-050-212	4/6/2021	N	Toluene	9.5		ug/m3	Y	0.35
KAFB-106116-050	SV116-050-212	4/6/2021	N	Tetrahydrofuran	140		ug/m3	Y	0.36
KAFB-106116-050	SV116-050-212	4/6/2021	N	Hexane	3.9		ug/m3	Y	0.59
KAFB-106116-050	SV116-050-212	4/6/2021	N	Cyclohexane	3.2	J	ug/m3	Y	0.81
KAFB-106116-050	SV116-050-212	4/6/2021	N	Propylene (propene)	1.6	J	ug/m3	Y	0.7
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.7
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,4-Dioxane	0.43	J	ug/m3	Y	0.34
KAFB-106116-050	SV116-050-212	4/6/2021	N	Dibromochloromethane	< 0.92	U	ug/m3	N	0.38
KAFB-106116-050	SV116-050-212	4/6/2021	N	Tetrachloroethene	0.89	J	ug/m3	Y	0.37
KAFB-106116-050	SV116-050-212	4/6/2021	N	Xylenes, total	45		ug/m3	Y	0.76
KAFB-106116-050	SV116-050-212	4/6/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106116-050	SV116-050-212	4/6/2021	N	n-Heptane	13		ug/m3	Y	0.46
KAFB-106116-050	SV116-050-212	4/6/2021	N	m- & p-Xylenes	32		ug/m3	Y	0.76
KAFB-106116-050	SV116-050-212	4/6/2021	N	Carbon tetrachloride	16		ug/m3	Y	0.4
KAFB-106116-050	SV116-050-212	4/6/2021	N	2-Hexanone	< 0.92	U	ug/m3	N	0.36
KAFB-106116-050	SV116-050-212	4/6/2021	N	Ethanol	9.9	J	ug/m3	Y	2
KAFB-106116-050	SV116-050-212	4/6/2021	N	Isopropyl alcohol	< 3.4	U	ug/m3	N	1.2
KAFB-106116-050	SV116-050-212	4/6/2021	N	Acetone	11	J	ug/m3	Y	6.5
KAFB-106116-050	SV116-050-212	4/6/2021	N	Chloroform	0.57	J	ug/m3	Y	0.38
KAFB-106116-050	SV116-050-212	4/6/2021	N	Benzene	1.4	J	ug/m3	Y	0.42
KAFB-106116-050	SV116-050-212	4/6/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.46
KAFB-106116-050	SV116-050-212	4/6/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.36

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106116-050	SV116-050-212	4/6/2021	N	Vinyl chloride	< 0.92	U	ug/m3	N	0.31
KAFB-106116-050	SV116-050-212	4/6/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.81
KAFB-106116-050	SV116-050-212	4/6/2021	N	Carbon disulfide	3.4	J	ug/m3	Y	0.86
KAFB-106116-050	SV116-050-212	4/6/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.59
KAFB-106116-050	SV116-050-212	4/6/2021	N	Bromodichloromethane	< 0.92	U	ug/m3	N	0.42
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106116-050	SV116-050-212	4/6/2021	N	Trichlorofluoromethane	13		ug/m3	Y	0.44
KAFB-106116-050	SV116-050-212	4/6/2021	N	Dichlorodifluoromethane	110		ug/m3	Y	0.47
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	54		ug/m3	Y	0.41
KAFB-106116-050	SV116-050-212	4/6/2021	N	2-Butanone	2.3	J	ug/m3	Y	0.59
KAFB-106116-050	SV116-050-212	4/6/2021	N	Trichloroethene	< 0.92	U	ug/m3	N	0.39
KAFB-106116-050	SV116-050-212	4/6/2021	N	Naphthalene	1.2	J	ug/m3	Y	0.7
KAFB-106116-050	SV116-050-212	4/6/2021	N	o-Xylene	12		ug/m3	Y	0.42
KAFB-106116-050	SV116-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	8.8		ug/m3	Y	0.4
KAFB-106116-150	SV116-150-212	4/6/2021	N	Ethylbenzene	0.45	J	ug/m3	Y	0.42
KAFB-106116-150	SV116-150-212	4/6/2021	N	Styrene	< 1.8	U	ug/m3	N	0.48
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,2-Dibromoethane	< 0.95	U	ug/m3	N	0.35
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.49
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,2-Dichloroethane	< 0.95	U	ug/m3	N	0.33
KAFB-106116-150	SV116-150-212	4/6/2021	N	4-Methyl-2-pentanone	0.63	J	ug/m3	Y	0.41
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	0.49	J	ug/m3	Y	0.43
KAFB-106116-150	SV116-150-212	4/6/2021	N	Toluene	1.8	J	ug/m3	Y	0.36
KAFB-106116-150	SV116-150-212	4/6/2021	N	Tetrahydrofuran	2.4	J	ug/m3	Y	0.38
KAFB-106116-150	SV116-150-212	4/6/2021	N	Hexane	0.66	J	ug/m3	Y	0.62
KAFB-106116-150	SV116-150-212	4/6/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.84
KAFB-106116-150	SV116-150-212	4/6/2021	N	Propylene (propene)	2	J	ug/m3	Y	0.73
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.73
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,4-Dioxane	< 0.95	U	ug/m3	N	0.35
KAFB-106116-150	SV116-150-212	4/6/2021	N	Dibromochloromethane	< 0.95	U	ug/m3	N	0.39
KAFB-106116-150	SV116-150-212	4/6/2021	N	Tetrachloroethene	1.5	J	ug/m3	Y	0.39
KAFB-106116-150	SV116-150-212	4/6/2021	N	Xylenes, total	6.7		ug/m3	Y	0.78
KAFB-106116-150	SV116-150-212	4/6/2021	N	Ethyl acetate	< 3.6	U	ug/m3	N	1.6
KAFB-106116-150	SV116-150-212	4/6/2021	N	n-Heptane	1.8	J	ug/m3	Y	0.48
KAFB-106116-150	SV116-150-212	4/6/2021	N	m- & p-Xylenes	4.8	J	ug/m3	Y	0.78
KAFB-106116-150	SV116-150-212	4/6/2021	N	Carbon tetrachloride	7.6		ug/m3	Y	0.41
KAFB-106116-150	SV116-150-212	4/6/2021	N	2-Hexanone	1.3	J	ug/m3	Y	0.37
KAFB-106116-150	SV116-150-212	4/6/2021	N	Ethanol	4.6	J	ug/m3	Y	2.1
KAFB-106116-150	SV116-150-212	4/6/2021	N	Isopropyl alcohol	< 3.5	U	ug/m3	N	1.2
KAFB-106116-150	SV116-150-212	4/6/2021	N	Acetone	22	J	ug/m3	Y	6.7
KAFB-106116-150	SV116-150-212	4/6/2021	N	Chloroform	1.3	J	ug/m3	Y	0.4
KAFB-106116-150	SV116-150-212	4/6/2021	N	Benzene	0.78	J	ug/m3	Y	0.43
KAFB-106116-150	SV116-150-212	4/6/2021	N	Chloromethane	0.86	J	ug/m3	Y	0.48
KAFB-106116-150	SV116-150-212	4/6/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37
KAFB-106116-150	SV116-150-212	4/6/2021	N	Vinyl chloride	< 0.95	U	ug/m3	N	0.32
KAFB-106116-150	SV116-150-212	4/6/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.84
KAFB-106116-150	SV116-150-212	4/6/2021	N	Carbon disulfide	6.4		ug/m3	Y	0.9
KAFB-106116-150	SV116-150-212	4/6/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.62
KAFB-106116-150	SV116-150-212	4/6/2021	N	Bromodichloromethane	< 0.95	U	ug/m3	N	0.43
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.44
KAFB-106116-150	SV116-150-212	4/6/2021	N	Trichlorofluoromethane	6.1		ug/m3	Y	0.45
KAFB-106116-150	SV116-150-212	4/6/2021	N	Dichlorodifluoromethane	59		ug/m3	Y	0.49
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	21		ug/m3	Y	0.43
KAFB-106116-150	SV116-150-212	4/6/2021	N	2-Butanone	5.7		ug/m3	Y	0.62
KAFB-106116-150	SV116-150-212	4/6/2021	N	Trichloroethene	< 0.95	U	ug/m3	N	0.4
KAFB-106116-150	SV116-150-212	4/6/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.73

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106116-150	SV116-150-212	4/6/2021	N	o-Xylene	2	J	ug/m3	Y	0.43
KAFB-106116-150	SV116-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.3	J	ug/m3	Y	0.41
KAFB-106116-250	SV116-250-212	4/6/2021	N	Ethylbenzene	12	J	ug/m3	Y	8.9
KAFB-106116-250	SV116-250-212	4/6/2021	N	Styrene	< 38	U	ug/m3	N	10
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,2-Dibromoethane	< 20	U	ug/m3	N	7.3
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,3-Butadiene	< 38	U	ug/m3	N	10
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,2-Dichloroethane	< 20	U	ug/m3	N	7
KAFB-106116-250	SV116-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 20	U	ug/m3	N	8.6
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	13	J	ug/m3	Y	9.1
KAFB-106116-250	SV116-250-212	4/6/2021	N	Toluene	< 20	U	ug/m3	N	7.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	Tetrahydrofuran	11	J	ug/m3	Y	7.9
KAFB-106116-250	SV116-250-212	4/6/2021	N	Hexane	310		ug/m3	Y	13
KAFB-106116-250	SV116-250-212	4/6/2021	N	Cyclohexane	560		ug/m3	Y	18
KAFB-106116-250	SV116-250-212	4/6/2021	N	Propylene (propene)	< 38	U	ug/m3	N	15
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 38	U	ug/m3	N	15
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,4-Dioxane	< 20	U	ug/m3	N	7.4
KAFB-106116-250	SV116-250-212	4/6/2021	N	Dibromochloromethane	< 20	U	ug/m3	N	8.3
KAFB-106116-250	SV116-250-212	4/6/2021	N	Tetrachloroethene	< 20	U	ug/m3	N	8.1
KAFB-106116-250	SV116-250-212	4/6/2021	N	Xylenes, total	91	J	ug/m3	Y	17
KAFB-106116-250	SV116-250-212	4/6/2021	N	Ethyl acetate	90	J	ug/m3	Y	33
KAFB-106116-250	SV116-250-212	4/6/2021	N	n-Heptane	310		ug/m3	Y	10
KAFB-106116-250	SV116-250-212	4/6/2021	N	m- & p-Xylenes	57	J	ug/m3	Y	17
KAFB-106116-250	SV116-250-212	4/6/2021	N	Carbon tetrachloride	38	J	ug/m3	Y	8.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	2-Hexanone	< 20	U	ug/m3	N	7.8
KAFB-106116-250	SV116-250-212	4/6/2021	N	Ethanol	3000		ug/m3	Y	44
KAFB-106116-250	SV116-250-212	4/6/2021	N	Isopropyl alcohol	92	J	ug/m3	Y	26
KAFB-106116-250	SV116-250-212	4/6/2021	N	Acetone	< 320	U	ug/m3	N	140
KAFB-106116-250	SV116-250-212	4/6/2021	N	Chloroform	< 20	U	ug/m3	N	8.4
KAFB-106116-250	SV116-250-212	4/6/2021	N	Benzene	5000		ug/m3	Y	9.1
KAFB-106116-250	SV116-250-212	4/6/2021	N	Chloromethane	< 38	U	ug/m3	N	10
KAFB-106116-250	SV116-250-212	4/6/2021	N	Chloroethane	< 38	U	ug/m3	N	7.8
KAFB-106116-250	SV116-250-212	4/6/2021	N	Vinyl chloride	< 20	U	ug/m3	N	6.7
KAFB-106116-250	SV116-250-212	4/6/2021	N	Methylene chloride	170		ug/m3	Y	18
KAFB-106116-250	SV116-250-212	4/6/2021	N	Carbon disulfide	< 64	U	ug/m3	N	19
KAFB-106116-250	SV116-250-212	4/6/2021	N	Bromoform	< 38	U	ug/m3	N	13
KAFB-106116-250	SV116-250-212	4/6/2021	N	Bromodichloromethane	< 20	U	ug/m3	N	9.1
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,1-Dichloroethane	< 39	U	ug/m3	N	9.2
KAFB-106116-250	SV116-250-212	4/6/2021	N	Trichlorofluoromethane	16	J	ug/m3	Y	9.6
KAFB-106116-250	SV116-250-212	4/6/2021	N	Dichlorodifluoromethane	91		ug/m3	Y	10
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	40	J	ug/m3	Y	9
KAFB-106116-250	SV116-250-212	4/6/2021	N	2-Butanone	27	J	ug/m3	Y	13
KAFB-106116-250	SV116-250-212	4/6/2021	N	Trichloroethene	< 20	U	ug/m3	N	8.5
KAFB-106116-250	SV116-250-212	4/6/2021	N	Naphthalene	< 37	U	ug/m3	N	15
KAFB-106116-250	SV116-250-212	4/6/2021	N	o-Xylene	34	J	ug/m3	Y	9.1
KAFB-106116-250	SV116-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	17	J	ug/m3	Y	8.7
KAFB-106116-350	SV116-350-212	4/6/2021	N	Ethylbenzene	11	J	ug/m3	Y	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	Styrene	< 46	U	ug/m3	N	12
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,2-Dibromoethane	< 24	U	ug/m3	N	8.8
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,3-Butadiene	< 46	U	ug/m3	N	13
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,2-Dichloroethane	< 24	U	ug/m3	N	8.4
KAFB-106116-350	SV116-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 24	U	ug/m3	N	10
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	57	J	ug/m3	Y	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	Toluene	< 24	U	ug/m3	N	9.3
KAFB-106116-350	SV116-350-212	4/6/2021	N	Tetrahydrofuran	< 24	U	ug/m3	N	9.6
KAFB-106116-350	SV116-350-212	4/6/2021	N	Hexane	880		ug/m3	Y	16

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106116-350	SV116-350-212	4/6/2021	N	Cyclohexane	8700		ug/m3	Y	21
KAFB-106116-350	SV116-350-212	4/6/2021	N	Propylene (propene)	150		ug/m3	Y	19
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 46	U	ug/m3	N	19
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,4-Dioxane	< 24	U	ug/m3	N	9
KAFB-106116-350	SV116-350-212	4/6/2021	N	Dibromochloromethane	< 24	U	ug/m3	N	10
KAFB-106116-350	SV116-350-212	4/6/2021	N	Tetrachloroethene	< 24	U	ug/m3	N	9.8
KAFB-106116-350	SV116-350-212	4/6/2021	N	Xylenes, total	78	J	ug/m3	Y	20
KAFB-106116-350	SV116-350-212	4/6/2021	N	Ethyl acetate	< 93	U	ug/m3	N	40
KAFB-106116-350	SV116-350-212	4/6/2021	N	n-Heptane	180		ug/m3	Y	12
KAFB-106116-350	SV116-350-212	4/6/2021	N	m- & p-Xylenes	35	J	ug/m3	Y	20
KAFB-106116-350	SV116-350-212	4/6/2021	N	Carbon tetrachloride	< 24	U	ug/m3	N	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	2-Hexanone	< 24	U	ug/m3	N	9.4
KAFB-106116-350	SV116-350-212	4/6/2021	N	Ethanol	860	J	ug/m3	Y	53
KAFB-106116-350	SV116-350-212	4/6/2021	N	Isopropyl alcohol	71	J	ug/m3	Y	31
KAFB-106116-350	SV116-350-212	4/6/2021	N	Acetone	< 390	U	ug/m3	N	170
KAFB-106116-350	SV116-350-212	4/6/2021	N	Chloroform	< 24	U	ug/m3	N	10
KAFB-106116-350	SV116-350-212	4/6/2021	N	Benzene	420		ug/m3	Y	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	Chloromethane	< 46	U	ug/m3	N	12
KAFB-106116-350	SV116-350-212	4/6/2021	N	Chloroethane	< 46	U	ug/m3	N	9.4
KAFB-106116-350	SV116-350-212	4/6/2021	N	Vinyl chloride	< 24	U	ug/m3	N	8.1
KAFB-106116-350	SV116-350-212	4/6/2021	N	Methylene chloride	75		ug/m3	Y	21
KAFB-106116-350	SV116-350-212	4/6/2021	N	Carbon disulfide	< 77	U	ug/m3	N	23
KAFB-106116-350	SV116-350-212	4/6/2021	N	Bromoform	< 46	U	ug/m3	N	16
KAFB-106116-350	SV116-350-212	4/6/2021	N	Bromodichloromethane	< 24	U	ug/m3	N	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,1-Dichloroethane	< 47	U	ug/m3	N	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	Trichlorofluoromethane	37	J	ug/m3	Y	12
KAFB-106116-350	SV116-350-212	4/6/2021	N	Dichlorodifluoromethane	260		ug/m3	Y	12
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	26	J	ug/m3	Y	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	2-Butanone	< 46	U	ug/m3	N	16
KAFB-106116-350	SV116-350-212	4/6/2021	N	Trichloroethene	21	J	ug/m3	Y	10
KAFB-106116-350	SV116-350-212	4/6/2021	N	Naphthalene	< 44	U	ug/m3	N	19
KAFB-106116-350	SV116-350-212	4/6/2021	N	o-Xylene	43	J	ug/m3	Y	11
KAFB-106116-350	SV116-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	11	J	ug/m3	Y	11
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Ethylbenzene	< 63	U	ug/m3	N	28
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Styrene	< 120	U	ug/m3	N	32
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,2-Dibromoethane	< 63	U	ug/m3	N	23
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,3-Butadiene	< 120	U	ug/m3	N	33
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,2-Dichloroethane	< 63	U	ug/m3	N	22
KAFB-106116-350	SV116-350-612	4/6/2021	FD	4-Methyl-2-pentanone	< 63	U	ug/m3	N	27
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,3,5-Trimethylbenzene	54	J	ug/m3	Y	28
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Toluene	< 63	U	ug/m3	N	24
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Tetrahydrofuran	< 63	U	ug/m3	N	25
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Hexane	830		ug/m3	Y	41
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Cyclohexane	8100		ug/m3	Y	56
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Propylene (propene)	< 120	U	ug/m3	N	48
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,2,4-Trichlorobenzene	< 120	U	ug/m3	N	48
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,4-Dioxane	< 63	U	ug/m3	N	23
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Dibromochloromethane	< 63	U	ug/m3	N	26
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Tetrachloroethene	< 63	U	ug/m3	N	26
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Xylenes, total	110	J	ug/m3	Y	52
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Ethyl acetate	< 240	U	ug/m3	N	100
KAFB-106116-350	SV116-350-612	4/6/2021	FD	n-Heptane	180	J	ug/m3	Y	31
KAFB-106116-350	SV116-350-612	4/6/2021	FD	m- & p-Xylenes	55	J	ug/m3	Y	52
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Carbon tetrachloride	< 63	U	ug/m3	N	27
KAFB-106116-350	SV116-350-612	4/6/2021	FD	2-Hexanone	< 63	U	ug/m3	N	24

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Ethanol	1700	J	ug/m3	Y	140
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Isopropyl alcohol	120	J	ug/m3	Y	81
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Acetone	< 1000	U	ug/m3	N	440
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Chloroform	< 63	U	ug/m3	N	26
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Benzene	390		ug/m3	Y	28
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Chloromethane	< 120	U	ug/m3	N	32
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Chloroethane	< 120	U	ug/m3	N	24
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Vinyl chloride	< 63	U	ug/m3	N	21
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Methylene chloride	120	J	ug/m3	Y	56
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Carbon disulfide	< 200	U	ug/m3	N	59
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Bromoform	< 120	U	ug/m3	N	41
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Bromodichloromethane	< 63	U	ug/m3	N	28
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,1-Dichloroethane	< 120	U	ug/m3	N	29
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Trichlorofluoromethane	38	J	ug/m3	Y	30
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Dichlorodifluoromethane	250		ug/m3	Y	32
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 63	U	ug/m3	N	28
KAFB-106116-350	SV116-350-612	4/6/2021	FD	2-Butanone	< 120	U	ug/m3	N	41
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Trichloroethene	< 63	U	ug/m3	N	27
KAFB-106116-350	SV116-350-612	4/6/2021	FD	Naphthalene	< 110	U	ug/m3	N	48
KAFB-106116-350	SV116-350-612	4/6/2021	FD	o-Xylene	50	J	ug/m3	Y	28
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1,2,4-Trimethylbenzene	< 63	U	ug/m3	N	27
KAFB-106116-450	SV116-450-212	4/6/2021	N	Ethylbenzene	8000		ug/m3	Y	610
KAFB-106116-450	SV116-450-212	4/6/2021	N	Styrene	< 2600	U	ug/m3	N	700
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,2-Dibromoethane	< 1400	U	ug/m3	N	500
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,3-Butadiene	< 2600	U	ug/m3	N	710
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,2-Dichloroethane	< 1400	U	ug/m3	N	480
KAFB-106116-450	SV116-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 1400	U	ug/m3	N	590
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	6300		ug/m3	Y	630
KAFB-106116-450	SV116-450-212	4/6/2021	N	Toluene	110000		ug/m3	Y	530
KAFB-106116-450	SV116-450-212	4/6/2021	N	Tetrahydrofuran	< 1400	U	ug/m3	N	540
KAFB-106116-450	SV116-450-212	4/6/2021	N	Hexane	270000		ug/m3	Y	890
KAFB-106116-450	SV116-450-212	4/6/2021	N	Cyclohexane	640000		ug/m3	Y	1200
KAFB-106116-450	SV116-450-212	4/6/2021	N	Propylene (propene)	10000		ug/m3	Y	1100
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2600	U	ug/m3	N	1100
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,4-Dioxane	< 1400	U	ug/m3	N	510
KAFB-106116-450	SV116-450-212	4/6/2021	N	Dibromochloromethane	< 1400	U	ug/m3	N	570
KAFB-106116-450	SV116-450-212	4/6/2021	N	Tetrachloroethene	< 1400	U	ug/m3	N	560
KAFB-106116-450	SV116-450-212	4/6/2021	N	Xylenes, total	71000		ug/m3	Y	1100
KAFB-106116-450	SV116-450-212	4/6/2021	N	Ethyl acetate	< 5300	U	ug/m3	N	2300
KAFB-106116-450	SV116-450-212	4/6/2021	N	n-Heptane	420000		ug/m3	Y	690
KAFB-106116-450	SV116-450-212	4/6/2021	N	m- & p-Xylenes	41000		ug/m3	Y	1100
KAFB-106116-450	SV116-450-212	4/6/2021	N	Carbon tetrachloride	< 1400	U	ug/m3	N	600
KAFB-106116-450	SV116-450-212	4/6/2021	N	2-Hexanone	< 1400	U	ug/m3	N	540
KAFB-106116-450	SV116-450-212	4/6/2021	N	Ethanol	4500	J	ug/m3	Y	3000
KAFB-106116-450	SV116-450-212	4/6/2021	N	Isopropyl alcohol	< 5100	U	ug/m3	N	1800
KAFB-106116-450	SV116-450-212	4/6/2021	N	Acetone	< 22000	U	ug/m3	N	9700
KAFB-106116-450	SV116-450-212	4/6/2021	N	Chloroform	< 1400	U	ug/m3	N	580
KAFB-106116-450	SV116-450-212	4/6/2021	N	Benzene	48000		ug/m3	Y	630
KAFB-106116-450	SV116-450-212	4/6/2021	N	Chloromethane	< 2600	U	ug/m3	N	700
KAFB-106116-450	SV116-450-212	4/6/2021	N	Chloroethane	< 2600	U	ug/m3	N	540
KAFB-106116-450	SV116-450-212	4/6/2021	N	Vinyl chloride	< 1400	U	ug/m3	N	460
KAFB-106116-450	SV116-450-212	4/6/2021	N	Methylene chloride	< 2600	U	ug/m3	N	1200
KAFB-106116-450	SV116-450-212	4/6/2021	N	Carbon disulfide	< 4400	U	ug/m3	N	1300
KAFB-106116-450	SV116-450-212	4/6/2021	N	Bromoform	< 2600	U	ug/m3	N	890
KAFB-106116-450	SV116-450-212	4/6/2021	N	Bromodichloromethane	< 1400	U	ug/m3	N	630

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,1-Dichloroethane	< 2700	U	ug/m3	N	630
KAFB-106116-450	SV116-450-212	4/6/2021	N	Trichlorofluoromethane	< 2600	U	ug/m3	N	660
KAFB-106116-450	SV116-450-212	4/6/2021	N	Dichlorodifluoromethane	890	J	ug/m3	Y	710
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	U	ug/m3	N	620
KAFB-106116-450	SV116-450-212	4/6/2021	N	2-Butanone	< 2600	U	ug/m3	N	890
KAFB-106116-450	SV116-450-212	4/6/2021	N	Trichloroethene	< 1400	U	ug/m3	N	580
KAFB-106116-450	SV116-450-212	4/6/2021	N	Naphthalene	< 2500	U	ug/m3	N	1100
KAFB-106116-450	SV116-450-212	4/6/2021	N	o-Xylene	29000		ug/m3	Y	630
KAFB-106116-450	SV116-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	5100		ug/m3	Y	600
KAFB-106117-025	SV117-025-212	4/6/2021	N	Ethylbenzene	1.4	J	ug/m3	Y	0.38
KAFB-106117-025	SV117-025-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106117-025	SV117-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	4.2		ug/m3	Y	0.39
KAFB-106117-025	SV117-025-212	4/6/2021	N	Toluene	6		ug/m3	Y	0.33
KAFB-106117-025	SV117-025-212	4/6/2021	N	Tetrahydrofuran	0.83	J	ug/m3	Y	0.34
KAFB-106117-025	SV117-025-212	4/6/2021	N	Hexane	1.2	J	ug/m3	Y	0.56
KAFB-106117-025	SV117-025-212	4/6/2021	N	Cyclohexane	1.1	J	ug/m3	Y	0.76
KAFB-106117-025	SV117-025-212	4/6/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.66
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
KAFB-106117-025	SV117-025-212	4/6/2021	N	Dibromochloromethane	< 0.86	U	ug/m3	N	0.35
KAFB-106117-025	SV117-025-212	4/6/2021	N	Tetrachloroethene	4.6		ug/m3	Y	0.35
KAFB-106117-025	SV117-025-212	4/6/2021	N	Xylenes, total	24		ug/m3	Y	0.71
KAFB-106117-025	SV117-025-212	4/6/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106117-025	SV117-025-212	4/6/2021	N	n-Heptane	5.1		ug/m3	Y	0.43
KAFB-106117-025	SV117-025-212	4/6/2021	N	m- & p-Xylenes	14		ug/m3	Y	0.71
KAFB-106117-025	SV117-025-212	4/6/2021	N	Carbon tetrachloride	27		ug/m3	Y	0.37
KAFB-106117-025	SV117-025-212	4/6/2021	N	2-Hexanone	< 0.86	U	ug/m3	N	0.33
KAFB-106117-025	SV117-025-212	4/6/2021	N	Ethanol	7.2	J	ug/m3	Y	1.9
KAFB-106117-025	SV117-025-212	4/6/2021	N	Isopropyl alcohol	1.4	J	ug/m3	Y	1.1
KAFB-106117-025	SV117-025-212	4/6/2021	N	Acetone	22	J	ug/m3	Y	6.1
KAFB-106117-025	SV117-025-212	4/6/2021	N	Chloroform	0.67	J	ug/m3	Y	0.36
KAFB-106117-025	SV117-025-212	4/6/2021	N	Benzene	0.73	J	ug/m3	Y	0.39
KAFB-106117-025	SV117-025-212	4/6/2021	N	Chloromethane	1.7	J	ug/m3	Y	0.43
KAFB-106117-025	SV117-025-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106117-025	SV117-025-212	4/6/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
KAFB-106117-025	SV117-025-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.76
KAFB-106117-025	SV117-025-212	4/6/2021	N	Carbon disulfide	1	J	ug/m3	Y	0.81
KAFB-106117-025	SV117-025-212	4/6/2021	N	Bromoform	0.62	J	ug/m3	Y	0.56
KAFB-106117-025	SV117-025-212	4/6/2021	N	Bromodichloromethane	< 0.86	U	ug/m3	N	0.39
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106117-025	SV117-025-212	4/6/2021	N	Trichlorofluoromethane	14		ug/m3	Y	0.41
KAFB-106117-025	SV117-025-212	4/6/2021	N	Dichlorodifluoromethane	97		ug/m3	Y	0.44
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	150		ug/m3	Y	0.38
KAFB-106117-025	SV117-025-212	4/6/2021	N	2-Butanone	5	J	ug/m3	Y	0.56
KAFB-106117-025	SV117-025-212	4/6/2021	N	Trichloroethene	< 0.86	U	ug/m3	N	0.36
KAFB-106117-025	SV117-025-212	4/6/2021	N	Naphthalene	1.2	J	ug/m3	Y	0.66
KAFB-106117-025	SV117-025-212	4/6/2021	N	o-Xylene	9.9		ug/m3	Y	0.39
KAFB-106117-025	SV117-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	8		ug/m3	Y	0.37
KAFB-106117-050	SV117-050-212	4/6/2021	N	Ethylbenzene	0.71	J	ug/m3	Y	0.35
KAFB-106117-050	SV117-050-212	4/6/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.28
KAFB-106117-050	SV117-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	2.2	J	ug/m3	Y	0.36
KAFB-106117-050	SV117-050-212	4/6/2021	N	Toluene	3.4		ug/m3	Y	0.3
KAFB-106117-050	SV117-050-212	4/6/2021	N	Tetrahydrofuran	14		ug/m3	Y	0.31
KAFB-106117-050	SV117-050-212	4/6/2021	N	Hexane	1.1	J	ug/m3	Y	0.51
KAFB-106117-050	SV117-050-212	4/6/2021	N	Cyclohexane	2.8	J	ug/m3	Y	0.7
KAFB-106117-050	SV117-050-212	4/6/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.61
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
KAFB-106117-050	SV117-050-212	4/6/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.33
KAFB-106117-050	SV117-050-212	4/6/2021	N	Tetrachloroethene	5.1		ug/m3	Y	0.32
KAFB-106117-050	SV117-050-212	4/6/2021	N	Xylenes, total	11		ug/m3	Y	0.65
KAFB-106117-050	SV117-050-212	4/6/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106117-050	SV117-050-212	4/6/2021	N	n-Heptane	4.3		ug/m3	Y	0.4
KAFB-106117-050	SV117-050-212	4/6/2021	N	m- & p-Xylenes	6.5		ug/m3	Y	0.65
KAFB-106117-050	SV117-050-212	4/6/2021	N	Carbon tetrachloride	31		ug/m3	Y	0.35
KAFB-106117-050	SV117-050-212	4/6/2021	N	2-Hexanone	< 0.79	U	ug/m3	N	0.31
KAFB-106117-050	SV117-050-212	4/6/2021	N	Ethanol	8.2	J	ug/m3	Y	1.7
KAFB-106117-050	SV117-050-212	4/6/2021	N	Isopropyl alcohol	2	J	ug/m3	Y	1
KAFB-106117-050	SV117-050-212	4/6/2021	N	Acetone	30		ug/m3	Y	5.6
KAFB-106117-050	SV117-050-212	4/6/2021	N	Chloroform	0.57	J	ug/m3	Y	0.33
KAFB-106117-050	SV117-050-212	4/6/2021	N	Benzene	0.96	J	ug/m3	Y	0.36
KAFB-106117-050	SV117-050-212	4/6/2021	N	Chloromethane	1.4	J	ug/m3	Y	0.4
KAFB-106117-050	SV117-050-212	4/6/2021	N	Chloroethane	0.36	J	ug/m3	Y	0.31
KAFB-106117-050	SV117-050-212	4/6/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.27
KAFB-106117-050	SV117-050-212	4/6/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.7
KAFB-106117-050	SV117-050-212	4/6/2021	N	Carbon disulfide	3.5	J	ug/m3	Y	0.75
KAFB-106117-050	SV117-050-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106117-050	SV117-050-212	4/6/2021	N	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106117-050	SV117-050-212	4/6/2021	N	Trichlorofluoromethane	15		ug/m3	Y	0.38
KAFB-106117-050	SV117-050-212	4/6/2021	N	Dichlorodifluoromethane	100		ug/m3	Y	0.41
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	160		ug/m3	Y	0.36
KAFB-106117-050	SV117-050-212	4/6/2021	N	2-Butanone	13		ug/m3	Y	0.51
KAFB-106117-050	SV117-050-212	4/6/2021	N	Trichloroethene	< 0.79	U	ug/m3	N	0.34
KAFB-106117-050	SV117-050-212	4/6/2021	N	Naphthalene	1.1	J	ug/m3	Y	0.61
KAFB-106117-050	SV117-050-212	4/6/2021	N	o-Xylene	4.2		ug/m3	Y	0.36
KAFB-106117-050	SV117-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	3.6		ug/m3	Y	0.35
KAFB-106117-150	SV117-150-212	4/6/2021	N	Ethylbenzene	0.54	J	ug/m3	Y	0.34
KAFB-106117-150	SV117-150-212	4/6/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106117-150	SV117-150-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.33
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	1.3	J	ug/m3	Y	0.35
KAFB-106117-150	SV117-150-212	4/6/2021	N	Toluene	3.5		ug/m3	Y	0.3
KAFB-106117-150	SV117-150-212	4/6/2021	N	Tetrahydrofuran	1.5	J	ug/m3	Y	0.31
KAFB-106117-150	SV117-150-212	4/6/2021	N	Hexane	0.79	J	ug/m3	Y	0.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106117-150	SV117-150-212	4/6/2021	N	Propylene (propene)	0.78	J	ug/m3	Y	0.59
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106117-150	SV117-150-212	4/6/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106117-150	SV117-150-212	4/6/2021	N	Tetrachloroethene	4.3		ug/m3	Y	0.32
KAFB-106117-150	SV117-150-212	4/6/2021	N	Xylenes, total	8.3		ug/m3	Y	0.64
KAFB-106117-150	SV117-150-212	4/6/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106117-150	SV117-150-212	4/6/2021	N	n-Heptane	3.7		ug/m3	Y	0.39
KAFB-106117-150	SV117-150-212	4/6/2021	N	m- & p-Xylenes	5.1		ug/m3	Y	0.64
KAFB-106117-150	SV117-150-212	4/6/2021	N	Carbon tetrachloride	35		ug/m3	Y	0.34
KAFB-106117-150	SV117-150-212	4/6/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
KAFB-106117-150	SV117-150-212	4/6/2021	N	Ethanol	2.2	J	ug/m3	Y	1.7
KAFB-106117-150	SV117-150-212	4/6/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106117-150	SV117-150-212	4/6/2021	N	Acetone	8.3	J	ug/m3	Y	5.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	Chloroform	5.7		ug/m3	Y	0.32
KAFB-106117-150	SV117-150-212	4/6/2021	N	Benzene	1.4	J	ug/m3	Y	0.35
KAFB-106117-150	SV117-150-212	4/6/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
KAFB-106117-150	SV117-150-212	4/6/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106117-150	SV117-150-212	4/6/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106117-150	SV117-150-212	4/6/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106117-150	SV117-150-212	4/6/2021	N	Carbon disulfide	13		ug/m3	Y	0.73
KAFB-106117-150	SV117-150-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106117-150	SV117-150-212	4/6/2021	N	Trichlorofluoromethane	16		ug/m3	Y	0.37
KAFB-106117-150	SV117-150-212	4/6/2021	N	Dichlorodifluoromethane	120		ug/m3	Y	0.4
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	170		ug/m3	Y	0.35
KAFB-106117-150	SV117-150-212	4/6/2021	N	2-Butanone	< 1.5	U	ug/m3	N	0.5
KAFB-106117-150	SV117-150-212	4/6/2021	N	Trichloroethene	1.4	J	ug/m3	Y	0.33
KAFB-106117-150	SV117-150-212	4/6/2021	N	Naphthalene	0.89	J	ug/m3	Y	0.59
KAFB-106117-150	SV117-150-212	4/6/2021	N	o-Xylene	3.2		ug/m3	Y	0.35
KAFB-106117-150	SV117-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	2.2	J	ug/m3	Y	0.34
KAFB-106117-350	SV117-350-212	4/6/2021	N	Ethylbenzene	280	J	ug/m3	Y	46
KAFB-106117-350	SV117-350-212	4/6/2021	N	Styrene	< 200	U	ug/m3	N	53
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,2-Dibromoethane	370		ug/m3	Y	38
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,3-Butadiene	< 200	U	ug/m3	N	54
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,2-Dichloroethane	< 100	U	ug/m3	N	36
KAFB-106117-350	SV117-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 100	U	ug/m3	N	45
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	3100		ug/m3	Y	47
KAFB-106117-350	SV117-350-212	4/6/2021	N	Toluene	880		ug/m3	Y	40
KAFB-106117-350	SV117-350-212	4/6/2021	N	Tetrahydrofuran	< 100	U	ug/m3	N	41
KAFB-106117-350	SV117-350-212	4/6/2021	N	Hexane	16000		ug/m3	Y	67
KAFB-106117-350	SV117-350-212	4/6/2021	N	Cyclohexane	40000		ug/m3	Y	92
KAFB-106117-350	SV117-350-212	4/6/2021	N	Propylene (propene)	1200		ug/m3	Y	80
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 200	U	ug/m3	N	80
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,4-Dioxane	< 100	U	ug/m3	N	39
KAFB-106117-350	SV117-350-212	4/6/2021	N	Dibromochloromethane	< 100	U	ug/m3	N	43
KAFB-106117-350	SV117-350-212	4/6/2021	N	Tetrachloroethene	< 100	U	ug/m3	N	42
KAFB-106117-350	SV117-350-212	4/6/2021	N	Xylenes, total	5000		ug/m3	Y	86
KAFB-106117-350	SV117-350-212	4/6/2021	N	Ethyl acetate	< 400	U	ug/m3	N	170
KAFB-106117-350	SV117-350-212	4/6/2021	N	n-Heptane	28000		ug/m3	Y	52
KAFB-106117-350	SV117-350-212	4/6/2021	N	m- & p-Xylenes	1100		ug/m3	Y	86
KAFB-106117-350	SV117-350-212	4/6/2021	N	Carbon tetrachloride	< 100	U	ug/m3	N	45
KAFB-106117-350	SV117-350-212	4/6/2021	N	2-Hexanone	< 100	U	ug/m3	N	40
KAFB-106117-350	SV117-350-212	4/6/2021	N	Ethanol	< 510	U	ug/m3	N	230
KAFB-106117-350	SV117-350-212	4/6/2021	N	Isopropyl alcohol	< 390	U	ug/m3	N	130
KAFB-106117-350	SV117-350-212	4/6/2021	N	Acetone	< 1700	U	ug/m3	N	740
KAFB-106117-350	SV117-350-212	4/6/2021	N	Chloroform	< 100	U	ug/m3	N	44
KAFB-106117-350	SV117-350-212	4/6/2021	N	Benzene	410		ug/m3	Y	47

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106117-350	SV117-350-212	4/6/2021	N	Chloromethane	< 200	U	ug/m3	N	53
KAFB-106117-350	SV117-350-212	4/6/2021	N	Chloroethane	< 200	U	ug/m3	N	40
KAFB-106117-350	SV117-350-212	4/6/2021	N	Vinyl chloride	< 100	U	ug/m3	N	35
KAFB-106117-350	SV117-350-212	4/6/2021	N	Methylene chloride	< 200	U	ug/m3	N	92
KAFB-106117-350	SV117-350-212	4/6/2021	N	Carbon disulfide	< 330	U	ug/m3	N	98
KAFB-106117-350	SV117-350-212	4/6/2021	N	Bromoform	< 200	U	ug/m3	N	67
KAFB-106117-350	SV117-350-212	4/6/2021	N	Bromodichloromethane	< 100	U	ug/m3	N	47
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,1-Dichloroethane	< 200	U	ug/m3	N	48
KAFB-106117-350	SV117-350-212	4/6/2021	N	Trichlorofluoromethane	< 200	U	ug/m3	N	50
KAFB-106117-350	SV117-350-212	4/6/2021	N	Dichlorodifluoromethane	130	J	ug/m3	Y	53
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	150	J	ug/m3	Y	47
KAFB-106117-350	SV117-350-212	4/6/2021	N	2-Butanone	< 200	U	ug/m3	N	67
KAFB-106117-350	SV117-350-212	4/6/2021	N	Trichloroethene	< 100	U	ug/m3	N	44
KAFB-106117-350	SV117-350-212	4/6/2021	N	Naphthalene	< 190	U	ug/m3	N	80
KAFB-106117-350	SV117-350-212	4/6/2021	N	o-Xylene	3900		ug/m3	Y	47
KAFB-106117-350	SV117-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	2300		ug/m3	Y	45
KAFB-106117-450	SV117-450-212	4/6/2021	N	Ethylbenzene	29000		ug/m3	Y	710
KAFB-106117-450	SV117-450-212	4/6/2021	N	Styrene	< 3000	U	ug/m3	N	810
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,2-Dibromoethane	2900	J	ug/m3	Y	580
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,3-Butadiene	< 3000	U	ug/m3	N	830
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,2-Dichloroethane	< 1600	U	ug/m3	N	550
KAFB-106117-450	SV117-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 1600	U	ug/m3	N	690
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	24000		ug/m3	Y	720
KAFB-106117-450	SV117-450-212	4/6/2021	N	Toluene	160000		ug/m3	Y	610
KAFB-106117-450	SV117-450-212	4/6/2021	N	Tetrahydrofuran	< 1600	U	ug/m3	N	630
KAFB-106117-450	SV117-450-212	4/6/2021	N	Hexane	410000		ug/m3	Y	1000
KAFB-106117-450	SV117-450-212	4/6/2021	N	Cyclohexane	700000		ug/m3	Y	1400
KAFB-106117-450	SV117-450-212	4/6/2021	N	Propylene (propene)	20000		ug/m3	Y	1200
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 3000	U	ug/m3	N	1200
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,4-Dioxane	< 1600	U	ug/m3	N	590
KAFB-106117-450	SV117-450-212	4/6/2021	N	Dibromochloromethane	< 1600	U	ug/m3	N	660
KAFB-106117-450	SV117-450-212	4/6/2021	N	Tetrachloroethene	< 1600	U	ug/m3	N	650
KAFB-106117-450	SV117-450-212	4/6/2021	N	Xylenes, total	490000		ug/m3	Y	1300
KAFB-106117-450	SV117-450-212	4/6/2021	N	Ethyl acetate	< 6100	U	ug/m3	N	2600
KAFB-106117-450	SV117-450-212	4/6/2021	N	n-Heptane	790000		ug/m3	Y	800
KAFB-106117-450	SV117-450-212	4/6/2021	N	m- & p-Xylenes	360000		ug/m3	Y	1300
KAFB-106117-450	SV117-450-212	4/6/2021	N	Carbon tetrachloride	< 1600	U	ug/m3	N	700
KAFB-106117-450	SV117-450-212	4/6/2021	N	2-Hexanone	< 1600	U	ug/m3	N	620
KAFB-106117-450	SV117-450-212	4/6/2021	N	Ethanol	35000	J	ug/m3	Y	3500
KAFB-106117-450	SV117-450-212	4/6/2021	N	Isopropyl alcohol	< 5900	U	ug/m3	N	2100
KAFB-106117-450	SV117-450-212	4/6/2021	N	Acetone	< 25000	U	ug/m3	N	11000
KAFB-106117-450	SV117-450-212	4/6/2021	N	Chloroform	1400	J	ug/m3	Y	670
KAFB-106117-450	SV117-450-212	4/6/2021	N	Benzene	22000		ug/m3	Y	720
KAFB-106117-450	SV117-450-212	4/6/2021	N	Chloromethane	< 3000	U	ug/m3	N	810
KAFB-106117-450	SV117-450-212	4/6/2021	N	Chloroethane	< 3000	U	ug/m3	N	620
KAFB-106117-450	SV117-450-212	4/6/2021	N	Vinyl chloride	< 1600	U	ug/m3	N	540
KAFB-106117-450	SV117-450-212	4/6/2021	N	Methylene chloride	3900	J	ug/m3	Y	1400
KAFB-106117-450	SV117-450-212	4/6/2021	N	Carbon disulfide	< 5100	U	ug/m3	N	1500
KAFB-106117-450	SV117-450-212	4/6/2021	N	Bromoform	< 3000	U	ug/m3	N	1000
KAFB-106117-450	SV117-450-212	4/6/2021	N	Bromodichloromethane	< 1600	U	ug/m3	N	720
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,1-Dichloroethane	< 3100	U	ug/m3	N	730
KAFB-106117-450	SV117-450-212	4/6/2021	N	Trichlorofluoromethane	< 3000	U	ug/m3	N	760
KAFB-106117-450	SV117-450-212	4/6/2021	N	Dichlorodifluoromethane	1500	J	ug/m3	Y	820
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	J	ug/m3	Y	710
KAFB-106117-450	SV117-450-212	4/6/2021	N	2-Butanone	< 3000	U	ug/m3	N	1000

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106117-450	SV117-450-212	4/6/2021	N	Trichloroethene	< 1600	U	ug/m3	N	680
KAFB-106117-450	SV117-450-212	4/6/2021	N	Naphthalene	< 2900	U	ug/m3	N	1200
KAFB-106117-450	SV117-450-212	4/6/2021	N	o-Xylene	130000		ug/m3	Y	720
KAFB-106117-450	SV117-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	47000		ug/m3	Y	700
KAFB-106124-025	SV124-025-212	4/5/2021	N	Ethylbenzene	< 0.64	U	ug/m3	N	0.28
KAFB-106124-025	SV124-025-212	4/5/2021	N	Styrene	< 1.2	U	ug/m3	N	0.32
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,2-Dibromoethane	< 0.64	U	ug/m3	N	0.23
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,3-Butadiene	< 1.2	U	ug/m3	N	0.33
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,2-Dichloroethane	< 0.64	U	ug/m3	N	0.22
KAFB-106124-025	SV124-025-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.64	U	ug/m3	N	0.28
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.64	U	ug/m3	N	0.29
KAFB-106124-025	SV124-025-212	4/5/2021	N	Toluene	1.1	J	ug/m3	Y	0.25
KAFB-106124-025	SV124-025-212	4/5/2021	N	Tetrahydrofuran	1.9	J	ug/m3	Y	0.25
KAFB-106124-025	SV124-025-212	4/5/2021	N	Hexane	< 1.2	U	ug/m3	N	0.42
KAFB-106124-025	SV124-025-212	4/5/2021	N	Cyclohexane	< 1.3	U	ug/m3	N	0.57
KAFB-106124-025	SV124-025-212	4/5/2021	N	Propylene (propene)	0.82	J	ug/m3	Y	0.49
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.2	U	ug/m3	N	0.49
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,4-Dioxane	< 0.64	U	ug/m3	N	0.24
KAFB-106124-025	SV124-025-212	4/5/2021	N	Dibromochloromethane	2.2		ug/m3	Y	0.26
KAFB-106124-025	SV124-025-212	4/5/2021	N	Tetrachloroethene	4.7		ug/m3	Y	0.26
KAFB-106124-025	SV124-025-212	4/5/2021	N	Xylenes, total	0.61	J	ug/m3	Y	0.53
KAFB-106124-025	SV124-025-212	4/5/2021	N	Ethyl acetate	< 2.5	U	ug/m3	N	1.1
KAFB-106124-025	SV124-025-212	4/5/2021	N	n-Heptane	< 1.2	U	ug/m3	N	0.32
KAFB-106124-025	SV124-025-212	4/5/2021	N	m- & p-Xylenes	0.61	J	ug/m3	Y	0.53
KAFB-106124-025	SV124-025-212	4/5/2021	N	Carbon tetrachloride	6.8		ug/m3	Y	0.28
KAFB-106124-025	SV124-025-212	4/5/2021	N	2-Hexanone	0.38	J	ug/m3	Y	0.25
KAFB-106124-025	SV124-025-212	4/5/2021	N	Ethanol	54		ug/m3	Y	1.4
KAFB-106124-025	SV124-025-212	4/5/2021	N	Isopropyl alcohol	3.1	J	ug/m3	Y	0.83
KAFB-106124-025	SV124-025-212	4/5/2021	N	Acetone	24		ug/m3	Y	4.5
KAFB-106124-025	SV124-025-212	4/5/2021	N	Benzene	0.35	J	ug/m3	Y	0.29
KAFB-106124-025	SV124-025-212	4/5/2021	N	Chloromethane	0.36	J	ug/m3	Y	0.32
KAFB-106124-025	SV124-025-212	4/5/2021	N	Chloroethane	< 1.2	U	ug/m3	N	0.25
KAFB-106124-025	SV124-025-212	4/5/2021	N	Vinyl chloride	< 0.64	U	ug/m3	N	0.22
KAFB-106124-025	SV124-025-212	4/5/2021	N	Methylene chloride	2.6		ug/m3	Y	0.57
KAFB-106124-025	SV124-025-212	4/5/2021	N	Carbon disulfide	2.1	J	ug/m3	Y	0.6
KAFB-106124-025	SV124-025-212	4/5/2021	N	Bromoform	< 1.2	U	ug/m3	N	0.42
KAFB-106124-025	SV124-025-212	4/5/2021	N	Bromodichloromethane	110		ug/m3	Y	0.29
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,1-Dichloroethane	< 1.2	U	ug/m3	N	0.29
KAFB-106124-025	SV124-025-212	4/5/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.31
KAFB-106124-025	SV124-025-212	4/5/2021	N	Dichlorodifluoromethane	2.6		ug/m3	Y	0.33
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	J	ug/m3	Y	0.29
KAFB-106124-025	SV124-025-212	4/5/2021	N	2-Butanone	3.2	J	ug/m3	Y	0.42
KAFB-106124-025	SV124-025-212	4/5/2021	N	Trichloroethene	3.4		ug/m3	Y	0.27
KAFB-106124-025	SV124-025-212	4/5/2021	N	Naphthalene	< 1.2	U	ug/m3	N	0.49
KAFB-106124-025	SV124-025-212	4/5/2021	N	o-Xylene	< 0.64	U	ug/m3	N	0.29
KAFB-106124-025	SV124-025-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.64	U	ug/m3	N	0.28
KAFB-106124-025	SV124-025-212	4/5/2021	N	Chloroform	1300		ug/m3	Y	2.7
KAFB-106124-050	SV124-050-212	4/5/2021	N	Ethylbenzene	< 0.84	U	ug/m3	N	0.37
KAFB-106124-050	SV124-050-212	4/5/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106124-050	SV124-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.84	U	ug/m3	N	0.38
KAFB-106124-050	SV124-050-212	4/5/2021	N	Toluene	0.56	J	ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106124-050	SV124-050-212	4/5/2021	N	Tetrahydrofuran	130		ug/m3	Y	0.33
KAFB-106124-050	SV124-050-212	4/5/2021	N	Hexane	< 1.6	U	ug/m3	N	0.54
KAFB-106124-050	SV124-050-212	4/5/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106124-050	SV124-050-212	4/5/2021	N	Propylene (propene)	0.9	J	ug/m3	Y	0.64
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106124-050	SV124-050-212	4/5/2021	N	Dibromochloromethane	55		ug/m3	Y	0.34
KAFB-106124-050	SV124-050-212	4/5/2021	N	Tetrachloroethene	14		ug/m3	Y	0.34
KAFB-106124-050	SV124-050-212	4/5/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.69
KAFB-106124-050	SV124-050-212	4/5/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106124-050	SV124-050-212	4/5/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106124-050	SV124-050-212	4/5/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.69
KAFB-106124-050	SV124-050-212	4/5/2021	N	Carbon tetrachloride	32		ug/m3	Y	0.36
KAFB-106124-050	SV124-050-212	4/5/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
KAFB-106124-050	SV124-050-212	4/5/2021	N	Ethanol	7.1	J	ug/m3	Y	1.8
KAFB-106124-050	SV124-050-212	4/5/2021	N	Isopropyl alcohol	1.8	J	ug/m3	Y	1.1
KAFB-106124-050	SV124-050-212	4/5/2021	N	Acetone	33		ug/m3	Y	5.9
KAFB-106124-050	SV124-050-212	4/5/2021	N	Benzene	< 0.84	U	ug/m3	N	0.38
KAFB-106124-050	SV124-050-212	4/5/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.42
KAFB-106124-050	SV124-050-212	4/5/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106124-050	SV124-050-212	4/5/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106124-050	SV124-050-212	4/5/2021	N	Methylene chloride	2.5	J	ug/m3	Y	0.74
KAFB-106124-050	SV124-050-212	4/5/2021	N	Carbon disulfide	10		ug/m3	Y	0.79
KAFB-106124-050	SV124-050-212	4/5/2021	N	Bromoform	13		ug/m3	Y	0.54
KAFB-106124-050	SV124-050-212	4/5/2021	N	Bromodichloromethane	250		ug/m3	Y	0.38
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106124-050	SV124-050-212	4/5/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.4
KAFB-106124-050	SV124-050-212	4/5/2021	N	Dichlorodifluoromethane	2.5	J	ug/m3	Y	0.43
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.54	J	ug/m3	Y	0.37
KAFB-106124-050	SV124-050-212	4/5/2021	N	2-Butanone	7.3		ug/m3	Y	0.54
KAFB-106124-050	SV124-050-212	4/5/2021	N	Trichloroethene	5.9		ug/m3	Y	0.35
KAFB-106124-050	SV124-050-212	4/5/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106124-050	SV124-050-212	4/5/2021	N	o-Xylene	< 0.84	U	ug/m3	N	0.38
KAFB-106124-050	SV124-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	0.6	J	ug/m3	Y	0.36
KAFB-106124-050	SV124-050-212	4/5/2021	N	Chloroform	1600		ug/m3	Y	3.5
KAFB-106124-150	SV124-150-212	4/5/2021	N	Ethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106124-150	SV124-150-212	4/5/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106124-150	SV124-150-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.82	U	ug/m3	N	0.37
KAFB-106124-150	SV124-150-212	4/5/2021	N	Toluene	0.67	J	ug/m3	Y	0.31
KAFB-106124-150	SV124-150-212	4/5/2021	N	Tetrahydrofuran	1.3	J	ug/m3	Y	0.32
KAFB-106124-150	SV124-150-212	4/5/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106124-150	SV124-150-212	4/5/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106124-150	SV124-150-212	4/5/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.63
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106124-150	SV124-150-212	4/5/2021	N	Dibromochloromethane	1.9	J	ug/m3	Y	0.34
KAFB-106124-150	SV124-150-212	4/5/2021	N	Tetrachloroethene	8		ug/m3	Y	0.33
KAFB-106124-150	SV124-150-212	4/5/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.68
KAFB-106124-150	SV124-150-212	4/5/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.4
KAFB-106124-150	SV124-150-212	4/5/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.41
KAFB-106124-150	SV124-150-212	4/5/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.68

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106124-150	SV124-150-212	4/5/2021	N	Carbon tetrachloride	37		ug/m3	Y	0.36
KAFB-106124-150	SV124-150-212	4/5/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106124-150	SV124-150-212	4/5/2021	N	Ethanol	2.9	J	ug/m3	Y	1.8
KAFB-106124-150	SV124-150-212	4/5/2021	N	Isopropyl alcohol	< 3	U	ug/m3	N	1.1
KAFB-106124-150	SV124-150-212	4/5/2021	N	Acetone	9.5	J	ug/m3	Y	5.8
KAFB-106124-150	SV124-150-212	4/5/2021	N	Chloroform	220		ug/m3	Y	0.34
KAFB-106124-150	SV124-150-212	4/5/2021	N	Benzene	< 0.82	U	ug/m3	N	0.37
KAFB-106124-150	SV124-150-212	4/5/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106124-150	SV124-150-212	4/5/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106124-150	SV124-150-212	4/5/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106124-150	SV124-150-212	4/5/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106124-150	SV124-150-212	4/5/2021	N	Carbon disulfide	2.8	J	ug/m3	Y	0.77
KAFB-106124-150	SV124-150-212	4/5/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106124-150	SV124-150-212	4/5/2021	N	Bromodichloromethane	23		ug/m3	Y	0.37
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106124-150	SV124-150-212	4/5/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.39
KAFB-106124-150	SV124-150-212	4/5/2021	N	Dichlorodifluoromethane	1.8	J	ug/m3	Y	0.42
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.82	U	ug/m3	N	0.37
KAFB-106124-150	SV124-150-212	4/5/2021	N	2-Butanone	0.78	J	ug/m3	Y	0.53
KAFB-106124-150	SV124-150-212	4/5/2021	N	Trichloroethene	0.72	J	ug/m3	Y	0.35
KAFB-106124-150	SV124-150-212	4/5/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.63
KAFB-106124-150	SV124-150-212	4/5/2021	N	o-Xylene	< 0.82	U	ug/m3	N	0.37
KAFB-106124-150	SV124-150-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106124-250	SV124-250-212	4/5/2021	N	Ethylbenzene	< 0.81	U	ug/m3	N	0.36
KAFB-106124-250	SV124-250-212	4/5/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106124-250	SV124-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.81	U	ug/m3	N	0.35
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.81	U	ug/m3	N	0.37
KAFB-106124-250	SV124-250-212	4/5/2021	N	Toluene	< 0.81	U	ug/m3	N	0.31
KAFB-106124-250	SV124-250-212	4/5/2021	N	Tetrahydrofuran	4.8		ug/m3	Y	0.32
KAFB-106124-250	SV124-250-212	4/5/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106124-250	SV124-250-212	4/5/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106124-250	SV124-250-212	4/5/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.62
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106124-250	SV124-250-212	4/5/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106124-250	SV124-250-212	4/5/2021	N	Tetrachloroethene	0.41	J	ug/m3	Y	0.33
KAFB-106124-250	SV124-250-212	4/5/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.67
KAFB-106124-250	SV124-250-212	4/5/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106124-250	SV124-250-212	4/5/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.41
KAFB-106124-250	SV124-250-212	4/5/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.67
KAFB-106124-250	SV124-250-212	4/5/2021	N	Carbon tetrachloride	4.7		ug/m3	Y	0.35
KAFB-106124-250	SV124-250-212	4/5/2021	N	2-Hexanone	< 0.81	U	ug/m3	N	0.32
KAFB-106124-250	SV124-250-212	4/5/2021	N	Ethanol	3.1	J	ug/m3	Y	1.8
KAFB-106124-250	SV124-250-212	4/5/2021	N	Isopropyl alcohol	< 3	U	ug/m3	N	1.1
KAFB-106124-250	SV124-250-212	4/5/2021	N	Acetone	10	J	ug/m3	Y	5.7
KAFB-106124-250	SV124-250-212	4/5/2021	N	Chloroform	3.7		ug/m3	Y	0.34
KAFB-106124-250	SV124-250-212	4/5/2021	N	Benzene	< 0.81	U	ug/m3	N	0.37
KAFB-106124-250	SV124-250-212	4/5/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106124-250	SV124-250-212	4/5/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106124-250	SV124-250-212	4/5/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106124-250	SV124-250-212	4/5/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106124-250	SV124-250-212	4/5/2021	N	Carbon disulfide	7.7		ug/m3	Y	0.76

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106124-250	SV124-250-212	4/5/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106124-250	SV124-250-212	4/5/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106124-250	SV124-250-212	4/5/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.39
KAFB-106124-250	SV124-250-212	4/5/2021	N	Dichlorodifluoromethane	1.3	J	ug/m3	Y	0.42
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.81	U	ug/m3	N	0.36
KAFB-106124-250	SV124-250-212	4/5/2021	N	2-Butanone	0.95	J	ug/m3	Y	0.53
KAFB-106124-250	SV124-250-212	4/5/2021	N	Trichloroethene	1.1	J	ug/m3	Y	0.34
KAFB-106124-250	SV124-250-212	4/5/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.62
KAFB-106124-250	SV124-250-212	4/5/2021	N	o-Xylene	< 0.81	U	ug/m3	N	0.37
KAFB-106124-250	SV124-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.81	U	ug/m3	N	0.35
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Ethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Styrene	< 1.4	U	ug/m3	N	0.39
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,3-Butadiene	< 1.4	U	ug/m3	N	0.4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106124-250	SV124-250-612	4/5/2021	FD	4-Methyl-2-pentanone	1.3	J	ug/m3	Y	0.33
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,3,5-Trimethylbenzene	< 0.77	U	ug/m3	N	0.35
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Toluene	1.1	J	ug/m3	Y	0.29
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Tetrahydrofuran	11		ug/m3	Y	0.3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Hexane	< 1.4	U	ug/m3	N	0.5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Cyclohexane	< 1.5	U	ug/m3	N	0.68
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Propylene (propene)	5.3		ug/m3	Y	0.59
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.59
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,4-Dioxane	< 0.77	U	ug/m3	N	0.29
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Tetrachloroethene	0.64	J	ug/m3	Y	0.31
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Xylenes, total	< 1.5	U	ug/m3	N	0.63
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Ethyl acetate	< 2.9	U	ug/m3	N	1.3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	n-Heptane	< 1.4	U	ug/m3	N	0.38
KAFB-106124-250	SV124-250-612	4/5/2021	FD	m- & p-Xylenes	< 1.5	U	ug/m3	N	0.63
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Carbon tetrachloride	4.1		ug/m3	Y	0.33
KAFB-106124-250	SV124-250-612	4/5/2021	FD	2-Hexanone	0.72	J	ug/m3	Y	0.3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Ethanol	10	J	ug/m3	Y	1.7
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Isopropyl alcohol	1.5	J	ug/m3	Y	1
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Acetone	120		ug/m3	Y	5.4
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Chloroform	4.4		ug/m3	Y	0.32
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Benzene	0.51	J	ug/m3	Y	0.35
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Chloromethane	2.1	J	ug/m3	Y	0.39
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Methylene chloride	< 1.4	U	ug/m3	N	0.68
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Carbon disulfide	13		ug/m3	Y	0.72
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Bromoform	< 1.4	U	ug/m3	N	0.5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Bromodichloromethane	0.35	J	ug/m3	Y	0.35
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.37
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Dichlorodifluoromethane	1.3	J	ug/m3	Y	0.39
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.77	U	ug/m3	N	0.34
KAFB-106124-250	SV124-250-612	4/5/2021	FD	2-Butanone	36		ug/m3	Y	0.5
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Trichloroethene	< 0.77	U	ug/m3	N	0.33
KAFB-106124-250	SV124-250-612	4/5/2021	FD	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106124-250	SV124-250-612	4/5/2021	FD	o-Xylene	< 0.77	U	ug/m3	N	0.35
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1,2,4-Trimethylbenzene	< 0.77	U	ug/m3	N	0.33
KAFB-106124-350	SV124-350-212	4/5/2021	N	Ethylbenzene	< 1.7	U	ug/m3	N	0.73

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106124-350	SV124-350-212	4/5/2021	N	Styrene	< 3.1	U	ug/m3	N	0.84
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,2-Dibromoethane	< 1.7	U	ug/m3	N	0.6
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,3-Butadiene	< 3.1	U	ug/m3	N	0.86
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,2-Dichloroethane	< 1.7	U	ug/m3	N	0.58
KAFB-106124-350	SV124-350-212	4/5/2021	N	4-Methyl-2-pentanone	< 1.7	U	ug/m3	N	0.71
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 1.7	U	ug/m3	N	0.75
KAFB-106124-350	SV124-350-212	4/5/2021	N	Toluene	0.71	J	ug/m3	Y	0.63
KAFB-106124-350	SV124-350-212	4/5/2021	N	Tetrahydrofuran	6.3	J	ug/m3	Y	0.65
KAFB-106124-350	SV124-350-212	4/5/2021	N	Hexane	2.9	J	ug/m3	Y	1.1
KAFB-106124-350	SV124-350-212	4/5/2021	N	Cyclohexane	17		ug/m3	Y	1.5
KAFB-106124-350	SV124-350-212	4/5/2021	N	Propylene (propene)	3.3	J	ug/m3	Y	1.3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 3.1	U	ug/m3	N	1.3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,4-Dioxane	< 1.7	U	ug/m3	N	0.61
KAFB-106124-350	SV124-350-212	4/5/2021	N	Dibromochloromethane	< 1.7	U	ug/m3	N	0.68
KAFB-106124-350	SV124-350-212	4/5/2021	N	Tetrachloroethene	20		ug/m3	Y	0.67
KAFB-106124-350	SV124-350-212	4/5/2021	N	Xylenes, total	< 3.3	U	ug/m3	N	1.4
KAFB-106124-350	SV124-350-212	4/5/2021	N	Ethyl acetate	< 6.3	U	ug/m3	N	2.7
KAFB-106124-350	SV124-350-212	4/5/2021	N	n-Heptane	< 3.1	U	ug/m3	N	0.83
KAFB-106124-350	SV124-350-212	4/5/2021	N	m- & p-Xylenes	< 3.3	U	ug/m3	N	1.4
KAFB-106124-350	SV124-350-212	4/5/2021	N	Carbon tetrachloride	< 1.7	U	ug/m3	N	0.72
KAFB-106124-350	SV124-350-212	4/5/2021	N	2-Hexanone	< 1.7	U	ug/m3	N	0.64
KAFB-106124-350	SV124-350-212	4/5/2021	N	Ethanol	5.5	J	ug/m3	Y	3.6
KAFB-106124-350	SV124-350-212	4/5/2021	N	Isopropyl alcohol	< 6.1	U	ug/m3	N	2.1
KAFB-106124-350	SV124-350-212	4/5/2021	N	Acetone	< 26	U	ug/m3	N	12
KAFB-106124-350	SV124-350-212	4/5/2021	N	Chloroform	< 1.7	U	ug/m3	N	0.69
KAFB-106124-350	SV124-350-212	4/5/2021	N	Benzene	22		ug/m3	Y	0.75
KAFB-106124-350	SV124-350-212	4/5/2021	N	Chloromethane	< 3.1	U	ug/m3	N	0.84
KAFB-106124-350	SV124-350-212	4/5/2021	N	Chloroethane	< 3.1	U	ug/m3	N	0.64
KAFB-106124-350	SV124-350-212	4/5/2021	N	Vinyl chloride	< 1.7	U	ug/m3	N	0.56
KAFB-106124-350	SV124-350-212	4/5/2021	N	Methylene chloride	< 3.1	U	ug/m3	N	1.5
KAFB-106124-350	SV124-350-212	4/5/2021	N	Carbon disulfide	8.7	J	ug/m3	Y	1.6
KAFB-106124-350	SV124-350-212	4/5/2021	N	Bromoform	< 3.1	U	ug/m3	N	1.1
KAFB-106124-350	SV124-350-212	4/5/2021	N	Bromodichloromethane	< 1.7	U	ug/m3	N	0.75
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,1-Dichloroethane	< 3.2	U	ug/m3	N	0.76
KAFB-106124-350	SV124-350-212	4/5/2021	N	Trichlorofluoromethane	< 3.1	U	ug/m3	N	0.79
KAFB-106124-350	SV124-350-212	4/5/2021	N	Dichlorodifluoromethane	1.6	J	ug/m3	Y	0.85
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.7	U	ug/m3	N	0.74
KAFB-106124-350	SV124-350-212	4/5/2021	N	2-Butanone	< 3.1	U	ug/m3	N	1.1
KAFB-106124-350	SV124-350-212	4/5/2021	N	Trichloroethene	1.6	J	ug/m3	Y	0.7
KAFB-106124-350	SV124-350-212	4/5/2021	N	Naphthalene	< 3	U	ug/m3	N	1.3
KAFB-106124-350	SV124-350-212	4/5/2021	N	o-Xylene	< 1.7	U	ug/m3	N	0.75
KAFB-106124-350	SV124-350-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 1.7	U	ug/m3	N	0.72
KAFB-106124-450	SV124-450-212	4/5/2021	N	Ethylbenzene	< 5.5	U	ug/m3	N	2.4
KAFB-106124-450	SV124-450-212	4/5/2021	N	Styrene	< 10	U	ug/m3	N	2.8
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,2-Dibromoethane	< 5.5	U	ug/m3	N	2
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,3-Butadiene	< 10	U	ug/m3	N	2.9
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,2-Dichloroethane	< 5.5	U	ug/m3	N	1.9
KAFB-106124-450	SV124-450-212	4/5/2021	N	4-Methyl-2-pentanone	< 5.5	U	ug/m3	N	2.4
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 5.5	U	ug/m3	N	2.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	Toluene	48		ug/m3	Y	2.1
KAFB-106124-450	SV124-450-212	4/5/2021	N	Tetrahydrofuran	19	J	ug/m3	Y	2.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	Hexane	15	J	ug/m3	Y	3.6
KAFB-106124-450	SV124-450-212	4/5/2021	N	Cyclohexane	140		ug/m3	Y	4.9
KAFB-106124-450	SV124-450-212	4/5/2021	N	Propylene (propene)	< 10	U	ug/m3	N	4.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 10	U	ug/m3	N	4.2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,4-Dioxane	< 5.5	U	ug/m3	N	2
KAFB-106124-450	SV124-450-212	4/5/2021	N	Dibromochloromethane	< 5.5	U	ug/m3	N	2.3
KAFB-106124-450	SV124-450-212	4/5/2021	N	Tetrachloroethene	6.6	J	ug/m3	Y	2.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	Xylenes, total	11	J	ug/m3	Y	4.6
KAFB-106124-450	SV124-450-212	4/5/2021	N	Ethyl acetate	< 21	U	ug/m3	N	9.1
KAFB-106124-450	SV124-450-212	4/5/2021	N	n-Heptane	< 10	U	ug/m3	N	2.8
KAFB-106124-450	SV124-450-212	4/5/2021	N	m- & p-Xylenes	5.4	J	ug/m3	Y	4.6
KAFB-106124-450	SV124-450-212	4/5/2021	N	Carbon tetrachloride	25		ug/m3	Y	2.4
KAFB-106124-450	SV124-450-212	4/5/2021	N	2-Hexanone	< 5.5	U	ug/m3	N	2.1
KAFB-106124-450	SV124-450-212	4/5/2021	N	Ethanol	36	J	ug/m3	Y	12
KAFB-106124-450	SV124-450-212	4/5/2021	N	Isopropyl alcohol	< 20	U	ug/m3	N	7.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	Acetone	< 88	U	ug/m3	N	39
KAFB-106124-450	SV124-450-212	4/5/2021	N	Chloroform	220		ug/m3	Y	2.3
KAFB-106124-450	SV124-450-212	4/5/2021	N	Benzene	52		ug/m3	Y	2.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	Chloromethane	3.6	J	ug/m3	Y	2.8
KAFB-106124-450	SV124-450-212	4/5/2021	N	Chloroethane	< 10	U	ug/m3	N	2.1
KAFB-106124-450	SV124-450-212	4/5/2021	N	Vinyl chloride	< 5.5	U	ug/m3	N	1.9
KAFB-106124-450	SV124-450-212	4/5/2021	N	Methylene chloride	< 10	U	ug/m3	N	4.9
KAFB-106124-450	SV124-450-212	4/5/2021	N	Carbon disulfide	38		ug/m3	Y	5.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	Bromoform	< 10	U	ug/m3	N	3.6
KAFB-106124-450	SV124-450-212	4/5/2021	N	Bromodichloromethane	26		ug/m3	Y	2.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,1-Dichloroethane	< 11	U	ug/m3	N	2.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	Trichlorofluoromethane	< 10	U	ug/m3	N	2.6
KAFB-106124-450	SV124-450-212	4/5/2021	N	Dichlorodifluoromethane	< 10	U	ug/m3	N	2.8
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.5	U	ug/m3	N	2.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	2-Butanone	20	J	ug/m3	Y	3.6
KAFB-106124-450	SV124-450-212	4/5/2021	N	Trichloroethene	< 5.5	U	ug/m3	N	2.3
KAFB-106124-450	SV124-450-212	4/5/2021	N	Naphthalene	< 10	U	ug/m3	N	4.2
KAFB-106124-450	SV124-450-212	4/5/2021	N	o-Xylene	5.2	J	ug/m3	Y	2.5
KAFB-106124-450	SV124-450-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 5.5	U	ug/m3	N	2.4
KAFB-106125-025	SV125-025-212	4/5/2021	N	Ethylbenzene	< 0.86	U	ug/m3	N	0.38
KAFB-106125-025	SV125-025-212	4/5/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106125-025	SV125-025-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
KAFB-106125-025	SV125-025-212	4/5/2021	N	Toluene	0.95	J	ug/m3	Y	0.33
KAFB-106125-025	SV125-025-212	4/5/2021	N	Tetrahydrofuran	8.3		ug/m3	Y	0.34
KAFB-106125-025	SV125-025-212	4/5/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106125-025	SV125-025-212	4/5/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.76
KAFB-106125-025	SV125-025-212	4/5/2021	N	Propylene (propene)	0.73	J	ug/m3	Y	0.66
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,4-Dioxane	1.5	J	ug/m3	Y	0.32
KAFB-106125-025	SV125-025-212	4/5/2021	N	Dibromochloromethane	1.1	J	ug/m3	Y	0.35
KAFB-106125-025	SV125-025-212	4/5/2021	N	Tetrachloroethene	9.5		ug/m3	Y	0.35
KAFB-106125-025	SV125-025-212	4/5/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.71
KAFB-106125-025	SV125-025-212	4/5/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106125-025	SV125-025-212	4/5/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106125-025	SV125-025-212	4/5/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.71
KAFB-106125-025	SV125-025-212	4/5/2021	N	Carbon tetrachloride	7.1		ug/m3	Y	0.37
KAFB-106125-025	SV125-025-212	4/5/2021	N	2-Hexanone	< 0.86	U	ug/m3	N	0.33
KAFB-106125-025	SV125-025-212	4/5/2021	N	Ethanol	21	J	ug/m3	Y	1.9
KAFB-106125-025	SV125-025-212	4/5/2021	N	Isopropyl alcohol	2.2	J	ug/m3	Y	1.1
KAFB-106125-025	SV125-025-212	4/5/2021	N	Acetone	18	J	ug/m3	Y	6.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106125-025	SV125-025-212	4/5/2021	N	Benzene	0.42	J	ug/m3	Y	0.39
KAFB-106125-025	SV125-025-212	4/5/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106125-025	SV125-025-212	4/5/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106125-025	SV125-025-212	4/5/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
KAFB-106125-025	SV125-025-212	4/5/2021	N	Methylene chloride	1.7	J	ug/m3	Y	0.76
KAFB-106125-025	SV125-025-212	4/5/2021	N	Carbon disulfide	3	J	ug/m3	Y	0.81
KAFB-106125-025	SV125-025-212	4/5/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106125-025	SV125-025-212	4/5/2021	N	Bromodichloromethane	78		ug/m3	Y	0.39
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106125-025	SV125-025-212	4/5/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.41
KAFB-106125-025	SV125-025-212	4/5/2021	N	Dichlorodifluoromethane	2.6	J	ug/m3	Y	0.44
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	J	ug/m3	Y	0.38
KAFB-106125-025	SV125-025-212	4/5/2021	N	2-Butanone	4.5	J	ug/m3	Y	0.56
KAFB-106125-025	SV125-025-212	4/5/2021	N	Trichloroethene	1.3	J	ug/m3	Y	0.36
KAFB-106125-025	SV125-025-212	4/5/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106125-025	SV125-025-212	4/5/2021	N	o-Xylene	< 0.86	U	ug/m3	N	0.39
KAFB-106125-025	SV125-025-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.86	U	ug/m3	N	0.37
KAFB-106125-025	SV125-025-212	4/5/2021	N	Chloroform	760		ug/m3	Y	3.6
KAFB-106125-050	SV125-050-212	4/5/2021	N	Ethylbenzene	< 0.87	U	ug/m3	N	0.38
KAFB-106125-050	SV125-050-212	4/5/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,2-Dibromoethane	< 0.87	U	ug/m3	N	0.32
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,2-Dichloroethane	< 0.87	U	ug/m3	N	0.3
KAFB-106125-050	SV125-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.87	U	ug/m3	N	0.37
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.87	U	ug/m3	N	0.39
KAFB-106125-050	SV125-050-212	4/5/2021	N	Toluene	0.47	J	ug/m3	Y	0.33
KAFB-106125-050	SV125-050-212	4/5/2021	N	Tetrahydrofuran	14		ug/m3	Y	0.34
KAFB-106125-050	SV125-050-212	4/5/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106125-050	SV125-050-212	4/5/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.77
KAFB-106125-050	SV125-050-212	4/5/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.66
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106125-050	SV125-050-212	4/5/2021	N	1,4-Dioxane	0.38	J	ug/m3	Y	0.32
KAFB-106125-050	SV125-050-212	4/5/2021	N	Dibromochloromethane	7		ug/m3	Y	0.36
KAFB-106125-050	SV125-050-212	4/5/2021	N	Tetrachloroethene	14		ug/m3	Y	0.35
KAFB-106125-050	SV125-050-212	4/5/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.71
KAFB-106125-050	SV125-050-212	4/5/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106125-050	SV125-050-212	4/5/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106125-050	SV125-050-212	4/5/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.71
KAFB-106125-050	SV125-050-212	4/5/2021	N	Carbon tetrachloride	23		ug/m3	Y	0.38
KAFB-106125-050	SV125-050-212	4/5/2021	N	2-Hexanone	< 0.87	U	ug/m3	N	0.34
KAFB-106125-050	SV125-050-212	4/5/2021	N	Ethanol	6.4	J	ug/m3	Y	1.9
KAFB-106125-050	SV125-050-212	4/5/2021	N	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106125-050	SV125-050-212	4/5/2021	N	Acetone	8.9	J	ug/m3	Y	6.1
KAFB-106125-150	SV125-150-212	4/5/2021	N	Ethylbenzene	< 0.85	U	ug/m3	N	0.38
KAFB-106125-150	SV125-150-212	4/5/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.3
KAFB-106125-150	SV125-150-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.37
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.85	U	ug/m3	N	0.39
KAFB-106125-150	SV125-150-212	4/5/2021	N	Toluene	< 0.85	U	ug/m3	N	0.33
KAFB-106125-150	SV125-150-212	4/5/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.34
KAFB-106125-150	SV125-150-212	4/5/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106125-150	SV125-150-212	4/5/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.75
KAFB-106125-150	SV125-150-212	4/5/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.65

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.32
KAFB-106125-150	SV125-150-212	4/5/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106125-150	SV125-150-212	4/5/2021	N	Tetrachloroethene	6.3		ug/m3	Y	0.35
KAFB-106125-150	SV125-150-212	4/5/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.7
KAFB-106125-150	SV125-150-212	4/5/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106125-150	SV125-150-212	4/5/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106125-150	SV125-150-212	4/5/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.7
KAFB-106125-150	SV125-150-212	4/5/2021	N	Carbon tetrachloride	37		ug/m3	Y	0.37
KAFB-106125-150	SV125-150-212	4/5/2021	N	2-Hexanone	< 0.85	U	ug/m3	N	0.33
KAFB-106125-150	SV125-150-212	4/5/2021	N	Ethanol	4.4	J	ug/m3	Y	1.9
KAFB-106125-150	SV125-150-212	4/5/2021	N	Isopropyl alcohol	2.9	J	ug/m3	Y	1.1
KAFB-106125-150	SV125-150-212	4/5/2021	N	Acetone	12	J	ug/m3	Y	6
KAFB-106125-150	SV125-150-212	4/5/2021	N	Chloroform	77		ug/m3	Y	0.36
KAFB-106125-150	SV125-150-212	4/5/2021	N	Benzene	< 0.85	U	ug/m3	N	0.39
KAFB-106125-150	SV125-150-212	4/5/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106125-150	SV125-150-212	4/5/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106125-150	SV125-150-212	4/5/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.29
KAFB-106125-150	SV125-150-212	4/5/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106125-150	SV125-150-212	4/5/2021	N	Carbon disulfide	4.4	J	ug/m3	Y	0.8
KAFB-106125-150	SV125-150-212	4/5/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106125-150	SV125-150-212	4/5/2021	N	Bromodichloromethane	3.1		ug/m3	Y	0.39
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106125-150	SV125-150-212	4/5/2021	N	Trichlorofluoromethane	1.6	J	ug/m3	Y	0.41
KAFB-106125-150	SV125-150-212	4/5/2021	N	Dichlorodifluoromethane	1.6	J	ug/m3	Y	0.44
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.85	U	ug/m3	N	0.38
KAFB-106125-150	SV125-150-212	4/5/2021	N	2-Butanone	1.5	J	ug/m3	Y	0.55
KAFB-106125-150	SV125-150-212	4/5/2021	N	Trichloroethene	74		ug/m3	Y	0.36
KAFB-106125-150	SV125-150-212	4/5/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.65
KAFB-106125-150	SV125-150-212	4/5/2021	N	o-Xylene	< 0.85	U	ug/m3	N	0.39
KAFB-106125-150	SV125-150-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.85	U	ug/m3	N	0.37
KAFB-106125-250	SV125-250-212	4/5/2021	N	Ethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106125-250	SV125-250-212	4/5/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.29
KAFB-106125-250	SV125-250-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.82	U	ug/m3	N	0.37
KAFB-106125-250	SV125-250-212	4/5/2021	N	Toluene	1.5	J	ug/m3	Y	0.32
KAFB-106125-250	SV125-250-212	4/5/2021	N	Tetrahydrofuran	8.4		ug/m3	Y	0.32
KAFB-106125-250	SV125-250-212	4/5/2021	N	Hexane	< 1.6	U	ug/m3	N	0.53
KAFB-106125-250	SV125-250-212	4/5/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.73
KAFB-106125-250	SV125-250-212	4/5/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.63
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.63
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.31
KAFB-106125-250	SV125-250-212	4/5/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106125-250	SV125-250-212	4/5/2021	N	Tetrachloroethene	< 0.82	U	ug/m3	N	0.33
KAFB-106125-250	SV125-250-212	4/5/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.68
KAFB-106125-250	SV125-250-212	4/5/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106125-250	SV125-250-212	4/5/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.41
KAFB-106125-250	SV125-250-212	4/5/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.68
KAFB-106125-250	SV125-250-212	4/5/2021	N	Carbon tetrachloride	1.6	J	ug/m3	Y	0.36
KAFB-106125-250	SV125-250-212	4/5/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106125-250	SV125-250-212	4/5/2021	N	Ethanol	8.9	J	ug/m3	Y	1.8
KAFB-106125-250	SV125-250-212	4/5/2021	N	Isopropyl alcohol	1.6	J	ug/m3	Y	1.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106125-250	SV125-250-212	4/5/2021	N	Acetone	22	J	ug/m3	Y	5.8
KAFB-106125-250	SV125-250-212	4/5/2021	N	Chloroform	1.3	J	ug/m3	Y	0.34
KAFB-106125-250	SV125-250-212	4/5/2021	N	Benzene	< 0.82	U	ug/m3	N	0.37
KAFB-106125-250	SV125-250-212	4/5/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.42
KAFB-106125-250	SV125-250-212	4/5/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.32
KAFB-106125-250	SV125-250-212	4/5/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106125-250	SV125-250-212	4/5/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.73
KAFB-106125-250	SV125-250-212	4/5/2021	N	Carbon disulfide	3.6	J	ug/m3	Y	0.78
KAFB-106125-250	SV125-250-212	4/5/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.53
KAFB-106125-250	SV125-250-212	4/5/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106125-250	SV125-250-212	4/5/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.39
KAFB-106125-250	SV125-250-212	4/5/2021	N	Dichlorodifluoromethane	0.63	J	ug/m3	Y	0.42
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.82	U	ug/m3	N	0.37
KAFB-106125-250	SV125-250-212	4/5/2021	N	2-Butanone	4.2	J	ug/m3	Y	0.53
KAFB-106125-250	SV125-250-212	4/5/2021	N	Trichloroethene	< 0.82	U	ug/m3	N	0.35
KAFB-106125-250	SV125-250-212	4/5/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.63
KAFB-106125-250	SV125-250-212	4/5/2021	N	o-Xylene	< 0.82	U	ug/m3	N	0.37
KAFB-106125-250	SV125-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106125-350	SV125-350-212	4/5/2021	N	Ethylbenzene	< 0.97	U	ug/m3	N	0.43
KAFB-106125-350	SV125-350-212	4/5/2021	N	Styrene	< 1.8	U	ug/m3	N	0.49
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,2-Dibromoethane	< 0.97	U	ug/m3	N	0.35
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.5
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,2-Dichloroethane	< 0.97	U	ug/m3	N	0.34
KAFB-106125-350	SV125-350-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.97	U	ug/m3	N	0.42
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.97	U	ug/m3	N	0.44
KAFB-106125-350	SV125-350-212	4/5/2021	N	Toluene	0.53	J	ug/m3	Y	0.37
KAFB-106125-350	SV125-350-212	4/5/2021	N	Tetrahydrofuran	8.9		ug/m3	Y	0.38
KAFB-106125-350	SV125-350-212	4/5/2021	N	Hexane	1.3	J	ug/m3	Y	0.63
KAFB-106125-350	SV125-350-212	4/5/2021	N	Cyclohexane	4.6	J	ug/m3	Y	0.86
KAFB-106125-350	SV125-350-212	4/5/2021	N	Propylene (propene)	< 1.8	U	ug/m3	N	0.74
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.74
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,4-Dioxane	< 0.97	U	ug/m3	N	0.36
KAFB-106125-350	SV125-350-212	4/5/2021	N	Dibromochloromethane	< 0.97	U	ug/m3	N	0.4
KAFB-106125-350	SV125-350-212	4/5/2021	N	Tetrachloroethene	< 0.97	U	ug/m3	N	0.4
KAFB-106125-350	SV125-350-212	4/5/2021	N	Xylenes, total	< 1.9	U	ug/m3	N	0.8
KAFB-106125-350	SV125-350-212	4/5/2021	N	Ethyl acetate	< 3.7	U	ug/m3	N	1.6
KAFB-106125-350	SV125-350-212	4/5/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.49
KAFB-106125-350	SV125-350-212	4/5/2021	N	m- & p-Xylenes	< 1.9	U	ug/m3	N	0.8
KAFB-106125-350	SV125-350-212	4/5/2021	N	Carbon tetrachloride	< 0.97	U	ug/m3	N	0.42
KAFB-106125-350	SV125-350-212	4/5/2021	N	2-Hexanone	< 0.97	U	ug/m3	N	0.38
KAFB-106125-350	SV125-350-212	4/5/2021	N	Ethanol	16	J	ug/m3	Y	2.1
KAFB-106125-350	SV125-350-212	4/5/2021	N	Isopropyl alcohol	< 3.6	U	ug/m3	N	1.3
KAFB-106125-350	SV125-350-212	4/5/2021	N	Acetone	< 15	U	ug/m3	N	6.9
KAFB-106125-350	SV125-350-212	4/5/2021	N	Chloroform	0.62	J	ug/m3	Y	0.41
KAFB-106125-350	SV125-350-212	4/5/2021	N	Benzene	< 0.97	U	ug/m3	N	0.44
KAFB-106125-350	SV125-350-212	4/5/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.49
KAFB-106125-350	SV125-350-212	4/5/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.38
KAFB-106125-350	SV125-350-212	4/5/2021	N	Vinyl chloride	< 0.97	U	ug/m3	N	0.33
KAFB-106125-350	SV125-350-212	4/5/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.86
KAFB-106125-350	SV125-350-212	4/5/2021	N	Carbon disulfide	4.1	J	ug/m3	Y	0.92
KAFB-106125-350	SV125-350-212	4/5/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.63
KAFB-106125-350	SV125-350-212	4/5/2021	N	Bromodichloromethane	< 0.97	U	ug/m3	N	0.44
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.45
KAFB-106125-350	SV125-350-212	4/5/2021	N	Trichlorofluoromethane	< 1.8	U	ug/m3	N	0.46

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106125-350	SV125-350-212	4/5/2021	N	Dichlorodifluoromethane	< 1.8	U	ug/m3	N	0.5
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.97	U	ug/m3	N	0.44
KAFB-106125-350	SV125-350-212	4/5/2021	N	2-Butanone	1.1	J	ug/m3	Y	0.63
KAFB-106125-350	SV125-350-212	4/5/2021	N	Trichloroethene	4.2		ug/m3	Y	0.41
KAFB-106125-350	SV125-350-212	4/5/2021	N	Naphthalene	< 1.8	U	ug/m3	N	0.74
KAFB-106125-350	SV125-350-212	4/5/2021	N	o-Xylene	< 0.97	U	ug/m3	N	0.44
KAFB-106125-350	SV125-350-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.97	U	ug/m3	N	0.42
KAFB-106125-450	SV125-450-212	4/5/2021	N	Ethylbenzene	33	J	ug/m3	Y	23
KAFB-106125-450	SV125-450-212	4/5/2021	N	Styrene	< 100	U	ug/m3	N	27
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,2-Dibromoethane	< 53	U	ug/m3	N	19
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,3-Butadiene	< 100	U	ug/m3	N	27
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,2-Dichloroethane	< 53	U	ug/m3	N	18
KAFB-106125-450	SV125-450-212	4/5/2021	N	4-Methyl-2-pentanone	< 53	U	ug/m3	N	23
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 53	U	ug/m3	N	24
KAFB-106125-450	SV125-450-212	4/5/2021	N	Toluene	500		ug/m3	Y	20
KAFB-106125-450	SV125-450-212	4/5/2021	N	Tetrahydrofuran	41	J	ug/m3	Y	21
KAFB-106125-450	SV125-450-212	4/5/2021	N	Hexane	< 100	U	ug/m3	N	34
KAFB-106125-450	SV125-450-212	4/5/2021	N	Cyclohexane	< 110	U	ug/m3	N	47
KAFB-106125-450	SV125-450-212	4/5/2021	N	Propylene (propene)	< 100	U	ug/m3	N	40
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 100	U	ug/m3	N	40
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,4-Dioxane	< 53	U	ug/m3	N	20
KAFB-106125-450	SV125-450-212	4/5/2021	N	Dibromochloromethane	< 53	U	ug/m3	N	22
KAFB-106125-450	SV125-450-212	4/5/2021	N	Tetrachloroethene	< 53	U	ug/m3	N	21
KAFB-106125-450	SV125-450-212	4/5/2021	N	Xylenes, total	59	J	ug/m3	Y	44
KAFB-106125-450	SV125-450-212	4/5/2021	N	Ethyl acetate	< 200	U	ug/m3	N	87
KAFB-106125-450	SV125-450-212	4/5/2021	N	n-Heptane	< 100	U	ug/m3	N	26
KAFB-106125-450	SV125-450-212	4/5/2021	N	m- & p-Xylenes	59	J	ug/m3	Y	44
KAFB-106125-450	SV125-450-212	4/5/2021	N	Carbon tetrachloride	< 53	U	ug/m3	N	23
KAFB-106125-450	SV125-450-212	4/5/2021	N	2-Hexanone	< 53	U	ug/m3	N	21
KAFB-106125-450	SV125-450-212	4/5/2021	N	Ethanol	290	J	ug/m3	Y	120
KAFB-106125-450	SV125-450-212	4/5/2021	N	Isopropyl alcohol	< 200	U	ug/m3	N	69
KAFB-106125-450	SV125-450-212	4/5/2021	N	Acetone	< 840	U	ug/m3	N	370
KAFB-106125-450	SV125-450-212	4/5/2021	N	Chloroform	410		ug/m3	Y	22
KAFB-106125-450	SV125-450-212	4/5/2021	N	Benzene	170		ug/m3	Y	24
KAFB-106125-450	SV125-450-212	4/5/2021	N	Chloromethane	39	J	ug/m3	Y	27
KAFB-106125-450	SV125-450-212	4/5/2021	N	Chloroethane	< 100	U	ug/m3	N	21
KAFB-106125-450	SV125-450-212	4/5/2021	N	Vinyl chloride	< 53	U	ug/m3	N	18
KAFB-106125-450	SV125-450-212	4/5/2021	N	Methylene chloride	< 100	U	ug/m3	N	47
KAFB-106125-450	SV125-450-212	4/5/2021	N	Carbon disulfide	210	J	ug/m3	Y	50
KAFB-106125-450	SV125-450-212	4/5/2021	N	Bromoform	< 100	U	ug/m3	N	34
KAFB-106125-450	SV125-450-212	4/5/2021	N	Bromodichloromethane	34	J	ug/m3	Y	24
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,1-Dichloroethane	< 100	U	ug/m3	N	24
KAFB-106125-450	SV125-450-212	4/5/2021	N	Trichlorofluoromethane	< 100	U	ug/m3	N	25
KAFB-106125-450	SV125-450-212	4/5/2021	N	Dichlorodifluoromethane	< 100	U	ug/m3	N	27
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 53	U	ug/m3	N	24
KAFB-106125-450	SV125-450-212	4/5/2021	N	2-Butanone	< 100	U	ug/m3	N	34
KAFB-106125-450	SV125-450-212	4/5/2021	N	Trichloroethene	< 53	U	ug/m3	N	22
KAFB-106125-450	SV125-450-212	4/5/2021	N	Naphthalene	< 97	U	ug/m3	N	40
KAFB-106125-450	SV125-450-212	4/5/2021	N	o-Xylene	< 53	U	ug/m3	N	24
KAFB-106125-450	SV125-450-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 53	U	ug/m3	N	23
KAFB-106127-025	SV127-025-212	4/5/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.39
KAFB-106127-025	SV127-025-212	4/5/2021	N	Styrene	0.87	J	ug/m3	Y	0.45
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,2-Dibromoethane	< 0.88	U	ug/m3	N	0.32
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,2-Dichloroethane	< 0.88	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106127-025	SV127-025-212	4/5/2021	N	4-Methyl-2-pentanone	0.87	J	ug/m3	Y	0.38
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.88	U	ug/m3	N	0.4
KAFB-106127-025	SV127-025-212	4/5/2021	N	Toluene	26		ug/m3	Y	0.34
KAFB-106127-025	SV127-025-212	4/5/2021	N	Tetrahydrofuran	2.2	J	ug/m3	Y	0.35
KAFB-106127-025	SV127-025-212	4/5/2021	N	Hexane	3.5		ug/m3	Y	0.57
KAFB-106127-025	SV127-025-212	4/5/2021	N	Cyclohexane	1.1	J	ug/m3	Y	0.78
KAFB-106127-025	SV127-025-212	4/5/2021	N	Propylene (propene)	< 1.7	U	ug/m3	N	0.68
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.68
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,4-Dioxane	< 0.88	U	ug/m3	N	0.33
KAFB-106127-025	SV127-025-212	4/5/2021	N	Dibromochloromethane	0.77	J	ug/m3	Y	0.36
KAFB-106127-025	SV127-025-212	4/5/2021	N	Tetrachloroethene	3.5		ug/m3	Y	0.36
KAFB-106127-025	SV127-025-212	4/5/2021	N	Xylenes, total	5	J	ug/m3	Y	0.73
KAFB-106127-025	SV127-025-212	4/5/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.5
KAFB-106127-025	SV127-025-212	4/5/2021	N	n-Heptane	1.4	J	ug/m3	Y	0.44
KAFB-106127-025	SV127-025-212	4/5/2021	N	m- & p-Xylenes	3.7	J	ug/m3	Y	0.73
KAFB-106127-025	SV127-025-212	4/5/2021	N	Carbon tetrachloride	11		ug/m3	Y	0.38
KAFB-106127-025	SV127-025-212	4/5/2021	N	2-Hexanone	1.1	J	ug/m3	Y	0.34
KAFB-106127-025	SV127-025-212	4/5/2021	N	Ethanol	32		ug/m3	Y	1.9
KAFB-106127-025	SV127-025-212	4/5/2021	N	Isopropyl alcohol	3.8	J	ug/m3	Y	1.1
KAFB-106127-025	SV127-025-212	4/5/2021	N	Acetone	< 14	U	ug/m3	N	6.2
KAFB-106127-025	SV127-025-212	4/5/2021	N	Benzene	0.7	J	ug/m3	Y	0.4
KAFB-106127-025	SV127-025-212	4/5/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106127-025	SV127-025-212	4/5/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.34
KAFB-106127-025	SV127-025-212	4/5/2021	N	Vinyl chloride	< 0.88	U	ug/m3	N	0.3
KAFB-106127-025	SV127-025-212	4/5/2021	N	Methylene chloride	3.5		ug/m3	Y	0.78
KAFB-106127-025	SV127-025-212	4/5/2021	N	Carbon disulfide	0.93	J	ug/m3	Y	0.83
KAFB-106127-025	SV127-025-212	4/5/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.57
KAFB-106127-025	SV127-025-212	4/5/2021	N	Bromodichloromethane	59		ug/m3	Y	0.4
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.41
KAFB-106127-025	SV127-025-212	4/5/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.42
KAFB-106127-025	SV127-025-212	4/5/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.45
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	J	ug/m3	Y	0.4
KAFB-106127-025	SV127-025-212	4/5/2021	N	2-Butanone	3.9	J	ug/m3	Y	0.57
KAFB-106127-025	SV127-025-212	4/5/2021	N	Trichloroethene	4.4		ug/m3	Y	0.37
KAFB-106127-025	SV127-025-212	4/5/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.68
KAFB-106127-025	SV127-025-212	4/5/2021	N	o-Xylene	1.4	J	ug/m3	Y	0.4
KAFB-106127-025	SV127-025-212	4/5/2021	N	1,2,4-Trimethylbenzene	0.72	J	ug/m3	Y	0.38
KAFB-106127-025	SV127-025-212	4/5/2021	N	Chloroform	600		ug/m3	Y	3.7
KAFB-106127-050	SV127-050-212	4/5/2021	N	Ethylbenzene	< 0.88	U	ug/m3	N	0.39
KAFB-106127-050	SV127-050-212	4/5/2021	N	Styrene	< 1.7	U	ug/m3	N	0.45
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,2-Dibromoethane	< 0.88	U	ug/m3	N	0.32
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,2-Dichloroethane	< 0.88	U	ug/m3	N	0.31
KAFB-106127-050	SV127-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.88	U	ug/m3	N	0.38
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.88	U	ug/m3	N	0.4
KAFB-106127-050	SV127-050-212	4/5/2021	N	Toluene	0.88	J	ug/m3	Y	0.34
KAFB-106127-050	SV127-050-212	4/5/2021	N	Tetrahydrofuran	66		ug/m3	Y	0.35
KAFB-106127-050	SV127-050-212	4/5/2021	N	Hexane	< 1.7	U	ug/m3	N	0.57
KAFB-106127-050	SV127-050-212	4/5/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.78
KAFB-106127-050	SV127-050-212	4/5/2021	N	Propylene (propene)	0.89	J	ug/m3	Y	0.67
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.67
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,4-Dioxane	0.55	J	ug/m3	Y	0.33
KAFB-106127-050	SV127-050-212	4/5/2021	N	Dibromochloromethane	19		ug/m3	Y	0.36
KAFB-106127-050	SV127-050-212	4/5/2021	N	Tetrachloroethene	7		ug/m3	Y	0.36
KAFB-106127-050	SV127-050-212	4/5/2021	N	Xylenes, total	< 1.8	U	ug/m3	N	0.72

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106127-050	SV127-050-212	4/5/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.4
KAFB-106127-050	SV127-050-212	4/5/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.44
KAFB-106127-050	SV127-050-212	4/5/2021	N	m- & p-Xylenes	< 1.8	U	ug/m3	N	0.72
KAFB-106127-050	SV127-050-212	4/5/2021	N	Carbon tetrachloride	23		ug/m3	Y	0.38
KAFB-106127-050	SV127-050-212	4/5/2021	N	2-Hexanone	1.9	J	ug/m3	Y	0.34
KAFB-106127-050	SV127-050-212	4/5/2021	N	Ethanol	11	J	ug/m3	Y	1.9
KAFB-106127-050	SV127-050-212	4/5/2021	N	Isopropyl alcohol	1.4	J	ug/m3	Y	1.1
KAFB-106127-050	SV127-050-212	4/5/2021	N	Acetone	28		ug/m3	Y	6.2
KAFB-106127-050	SV127-050-212	4/5/2021	N	Benzene	< 0.88	U	ug/m3	N	0.4
KAFB-106127-050	SV127-050-212	4/5/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106127-050	SV127-050-212	4/5/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.34
KAFB-106127-050	SV127-050-212	4/5/2021	N	Vinyl chloride	< 0.88	U	ug/m3	N	0.29
KAFB-106127-050	SV127-050-212	4/5/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.78
KAFB-106127-050	SV127-050-212	4/5/2021	N	Carbon disulfide	5.1	J	ug/m3	Y	0.83
KAFB-106127-050	SV127-050-212	4/5/2021	N	Bromoform	2.3	J	ug/m3	Y	0.57
KAFB-106127-050	SV127-050-212	4/5/2021	N	Bromodichloromethane	85		ug/m3	Y	0.4
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106127-050	SV127-050-212	4/5/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.42
KAFB-106127-050	SV127-050-212	4/5/2021	N	Dichlorodifluoromethane	2.5	J	ug/m3	Y	0.45
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	J	ug/m3	Y	0.39
KAFB-106127-050	SV127-050-212	4/5/2021	N	2-Butanone	13		ug/m3	Y	0.57
KAFB-106127-050	SV127-050-212	4/5/2021	N	Trichloroethene	2.7		ug/m3	Y	0.37
KAFB-106127-050	SV127-050-212	4/5/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.67
KAFB-106127-050	SV127-050-212	4/5/2021	N	o-Xylene	< 0.88	U	ug/m3	N	0.4
KAFB-106127-050	SV127-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.88	U	ug/m3	N	0.38
KAFB-106127-050	SV127-050-212	4/5/2021	N	Chloroform	590		ug/m3	Y	3.7
KAFB-106127-150	SV127-150-212	4/5/2021	N	Ethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106127-150	SV127-150-212	4/5/2021	N	Styrene	< 1.4	U	ug/m3	N	0.39
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.4
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106127-150	SV127-150-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.77	U	ug/m3	N	0.33
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.77	U	ug/m3	N	0.35
KAFB-106127-150	SV127-150-212	4/5/2021	N	Toluene	1.9	J	ug/m3	Y	0.29
KAFB-106127-150	SV127-150-212	4/5/2021	N	Tetrahydrofuran	1.1	J	ug/m3	Y	0.3
KAFB-106127-150	SV127-150-212	4/5/2021	N	Hexane	< 1.4	U	ug/m3	N	0.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.68
KAFB-106127-150	SV127-150-212	4/5/2021	N	Propylene (propene)	0.99	J	ug/m3	Y	0.59
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.59
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.28
KAFB-106127-150	SV127-150-212	4/5/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106127-150	SV127-150-212	4/5/2021	N	Tetrachloroethene	3		ug/m3	Y	0.31
KAFB-106127-150	SV127-150-212	4/5/2021	N	Xylenes, total	1.6	J	ug/m3	Y	0.63
KAFB-106127-150	SV127-150-212	4/5/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.3
KAFB-106127-150	SV127-150-212	4/5/2021	N	n-Heptane	0.49	J	ug/m3	Y	0.38
KAFB-106127-150	SV127-150-212	4/5/2021	N	m- & p-Xylenes	1.2	J	ug/m3	Y	0.63
KAFB-106127-150	SV127-150-212	4/5/2021	N	Carbon tetrachloride	19		ug/m3	Y	0.33
KAFB-106127-150	SV127-150-212	4/5/2021	N	2-Hexanone	1.1	J	ug/m3	Y	0.3
KAFB-106127-150	SV127-150-212	4/5/2021	N	Ethanol	8.7	J	ug/m3	Y	1.7
KAFB-106127-150	SV127-150-212	4/5/2021	N	Isopropyl alcohol	< 2.8	U	ug/m3	N	0.99
KAFB-106127-150	SV127-150-212	4/5/2021	N	Acetone	17	J	ug/m3	Y	5.4
KAFB-106127-150	SV127-150-212	4/5/2021	N	Chloroform	90		ug/m3	Y	0.32
KAFB-106127-150	SV127-150-212	4/5/2021	N	Benzene	0.83	J	ug/m3	Y	0.35
KAFB-106127-150	SV127-150-212	4/5/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.39
KAFB-106127-150	SV127-150-212	4/5/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106127-150	SV127-150-212	4/5/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106127-150	SV127-150-212	4/5/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.68
KAFB-106127-150	SV127-150-212	4/5/2021	N	Carbon disulfide	0.82	J	ug/m3	Y	0.72
KAFB-106127-150	SV127-150-212	4/5/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	Bromodichloromethane	7.4		ug/m3	Y	0.35
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106127-150	SV127-150-212	4/5/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.36
KAFB-106127-150	SV127-150-212	4/5/2021	N	Dichlorodifluoromethane	1.4	J	ug/m3	Y	0.39
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.77	U	ug/m3	N	0.34
KAFB-106127-150	SV127-150-212	4/5/2021	N	2-Butanone	3.1	J	ug/m3	Y	0.5
KAFB-106127-150	SV127-150-212	4/5/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.32
KAFB-106127-150	SV127-150-212	4/5/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106127-150	SV127-150-212	4/5/2021	N	o-Xylene	0.4	J	ug/m3	Y	0.35
KAFB-106127-150	SV127-150-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.77	U	ug/m3	N	0.33
KAFB-106127-250	SV127-250-212	4/5/2021	N	Ethylbenzene	0.69	J	ug/m3	Y	0.49
KAFB-106127-250	SV127-250-212	4/5/2021	N	Styrene	< 2.1	U	ug/m3	N	0.56
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,2-Dibromoethane	< 1.1	U	ug/m3	N	0.41
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,3-Butadiene	< 2.1	U	ug/m3	N	0.58
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,2-Dichloroethane	< 1.1	U	ug/m3	N	0.39
KAFB-106127-250	SV127-250-212	4/5/2021	N	4-Methyl-2-pentanone	1	J	ug/m3	Y	0.48
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 1.1	U	ug/m3	N	0.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	Toluene	11		ug/m3	Y	0.43
KAFB-106127-250	SV127-250-212	4/5/2021	N	Tetrahydrofuran	4	J	ug/m3	Y	0.44
KAFB-106127-250	SV127-250-212	4/5/2021	N	Hexane	4.9		ug/m3	Y	0.72
KAFB-106127-250	SV127-250-212	4/5/2021	N	Cyclohexane	< 2.2	U	ug/m3	N	0.98
KAFB-106127-250	SV127-250-212	4/5/2021	N	Propylene (propene)	2.7	J	ug/m3	Y	0.85
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 2.1	U	ug/m3	N	0.85
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,4-Dioxane	< 1.1	U	ug/m3	N	0.41
KAFB-106127-250	SV127-250-212	4/5/2021	N	Dibromochloromethane	< 1.1	U	ug/m3	N	0.46
KAFB-106127-250	SV127-250-212	4/5/2021	N	Tetrachloroethene	0.55	J	ug/m3	Y	0.45
KAFB-106127-250	SV127-250-212	4/5/2021	N	Xylenes, total	3.3	J	ug/m3	Y	0.92
KAFB-106127-250	SV127-250-212	4/5/2021	N	Ethyl acetate	23		ug/m3	Y	1.8
KAFB-106127-250	SV127-250-212	4/5/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.56
KAFB-106127-250	SV127-250-212	4/5/2021	N	m- & p-Xylenes	2.4	J	ug/m3	Y	0.92
KAFB-106127-250	SV127-250-212	4/5/2021	N	Carbon tetrachloride	6.1		ug/m3	Y	0.48
KAFB-106127-250	SV127-250-212	4/5/2021	N	2-Hexanone	2.3	J	ug/m3	Y	0.43
KAFB-106127-250	SV127-250-212	4/5/2021	N	Ethanol	45		ug/m3	Y	2.4
KAFB-106127-250	SV127-250-212	4/5/2021	N	Isopropyl alcohol	5.5	J	ug/m3	Y	1.4
KAFB-106127-250	SV127-250-212	4/5/2021	N	Acetone	64		ug/m3	Y	7.9
KAFB-106127-250	SV127-250-212	4/5/2021	N	Chloroform	4.8		ug/m3	Y	0.47
KAFB-106127-250	SV127-250-212	4/5/2021	N	Benzene	0.9	J	ug/m3	Y	0.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	Chloromethane	0.58	J	ug/m3	Y	0.56
KAFB-106127-250	SV127-250-212	4/5/2021	N	Chloroethane	< 2.1	U	ug/m3	N	0.43
KAFB-106127-250	SV127-250-212	4/5/2021	N	Vinyl chloride	< 1.1	U	ug/m3	N	0.37
KAFB-106127-250	SV127-250-212	4/5/2021	N	Methylene chloride	2.5	J	ug/m3	Y	0.98
KAFB-106127-250	SV127-250-212	4/5/2021	N	Carbon disulfide	340		ug/m3	Y	1
KAFB-106127-250	SV127-250-212	4/5/2021	N	Bromoform	< 2.1	U	ug/m3	N	0.72
KAFB-106127-250	SV127-250-212	4/5/2021	N	Bromodichloromethane	< 1.1	U	ug/m3	N	0.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,1-Dichloroethane	< 2.2	U	ug/m3	N	0.51
KAFB-106127-250	SV127-250-212	4/5/2021	N	Trichlorofluoromethane	2.1	J	ug/m3	Y	0.53
KAFB-106127-250	SV127-250-212	4/5/2021	N	Dichlorodifluoromethane	3.9		ug/m3	Y	0.57
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.77	J	ug/m3	Y	0.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	2-Butanone	< 2.1	U	ug/m3	N	0.72
KAFB-106127-250	SV127-250-212	4/5/2021	N	Trichloroethene	< 1.1	U	ug/m3	N	0.47
KAFB-106127-250	SV127-250-212	4/5/2021	N	Naphthalene	< 2	U	ug/m3	N	0.85

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106127-250	SV127-250-212	4/5/2021	N	o-Xylene	0.85	J	ug/m3	Y	0.5
KAFB-106127-250	SV127-250-212	4/5/2021	N	1,2,4-Trimethylbenzene	0.85	J	ug/m3	Y	0.48
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Ethylbenzene	< 0.85	U	ug/m3	N	0.38
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.37
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,3,5-Trimethylbenzene	< 0.85	U	ug/m3	N	0.39
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Toluene	0.67	J	ug/m3	Y	0.33
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Tetrahydrofuran	2	J	ug/m3	Y	0.34
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Cyclohexane	< 1.7	U	ug/m3	N	0.75
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Propylene (propene)	< 1.6	U	ug/m3	N	0.65
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,4-Dioxane	< 0.85	U	ug/m3	N	0.32
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Tetrachloroethene	< 0.85	U	ug/m3	N	0.35
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Xylenes, total	< 1.7	U	ug/m3	N	0.7
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106127-250	SV127-250-612	4/5/2021	FD	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106127-250	SV127-250-612	4/5/2021	FD	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.7
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Carbon tetrachloride	4.1		ug/m3	Y	0.37
KAFB-106127-250	SV127-250-612	4/5/2021	FD	2-Hexanone	< 0.85	U	ug/m3	N	0.33
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Ethanol	2.4	J	ug/m3	Y	1.9
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Acetone	9.5	J	ug/m3	Y	6
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Chloroform	4		ug/m3	Y	0.36
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Benzene	0.4	J	ug/m3	Y	0.39
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Vinyl chloride	< 0.85	U	ug/m3	N	0.29
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Carbon disulfide	8.1		ug/m3	Y	0.8
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Bromodichloromethane	< 0.85	U	ug/m3	N	0.39
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.41
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Dichlorodifluoromethane	1	J	ug/m3	Y	0.44
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.85	U	ug/m3	N	0.38
KAFB-106127-250	SV127-250-612	4/5/2021	FD	2-Butanone	0.98	J	ug/m3	Y	0.55
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Trichloroethene	< 0.85	U	ug/m3	N	0.36
KAFB-106127-250	SV127-250-612	4/5/2021	FD	Naphthalene	< 1.6	U	ug/m3	N	0.65
KAFB-106127-250	SV127-250-612	4/5/2021	FD	o-Xylene	< 0.85	U	ug/m3	N	0.39
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1,2,4-Trimethylbenzene	< 0.85	U	ug/m3	N	0.37
KAFB-106127-350	SV127-350-212	4/5/2021	N	Ethylbenzene	< 0.88	U	ug/m3	N	0.39
KAFB-106127-350	SV127-350-212	4/5/2021	N	Styrene	< 1.7	U	ug/m3	N	0.45
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,2-Dibromoethane	< 0.88	U	ug/m3	N	0.32
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,2-Dichloroethane	< 0.88	U	ug/m3	N	0.31
KAFB-106127-350	SV127-350-212	4/5/2021	N	4-Methyl-2-pentanone	< 0.88	U	ug/m3	N	0.38
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 0.88	U	ug/m3	N	0.4
KAFB-106127-350	SV127-350-212	4/5/2021	N	Toluene	1.1	J	ug/m3	Y	0.34
KAFB-106127-350	SV127-350-212	4/5/2021	N	Tetrahydrofuran	< 0.88	U	ug/m3	N	0.35
KAFB-106127-350	SV127-350-212	4/5/2021	N	Hexane	2	J	ug/m3	Y	0.57

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106127-350	SV127-350-212	4/5/2021	N	Cyclohexane	5.1	J	ug/m3	Y	0.78
KAFB-106127-350	SV127-350-212	4/5/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.67
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.67
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,4-Dioxane	< 0.88	U	ug/m3	N	0.33
KAFB-106127-350	SV127-350-212	4/5/2021	N	Dibromochloromethane	< 0.88	U	ug/m3	N	0.36
KAFB-106127-350	SV127-350-212	4/5/2021	N	Tetrachloroethene	0.65	J	ug/m3	Y	0.36
KAFB-106127-350	SV127-350-212	4/5/2021	N	Xylenes, total	< 1.8	U	ug/m3	N	0.72
KAFB-106127-350	SV127-350-212	4/5/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.4
KAFB-106127-350	SV127-350-212	4/5/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.44
KAFB-106127-350	SV127-350-212	4/5/2021	N	m- & p-Xylenes	< 1.8	U	ug/m3	N	0.72
KAFB-106127-350	SV127-350-212	4/5/2021	N	Carbon tetrachloride	< 0.88	U	ug/m3	N	0.38
KAFB-106127-350	SV127-350-212	4/5/2021	N	2-Hexanone	< 0.88	U	ug/m3	N	0.34
KAFB-106127-350	SV127-350-212	4/5/2021	N	Ethanol	4.2	J	ug/m3	Y	1.9
KAFB-106127-350	SV127-350-212	4/5/2021	N	Isopropyl alcohol	1.6	J	ug/m3	Y	1.1
KAFB-106127-350	SV127-350-212	4/5/2021	N	Acetone	< 14	U	ug/m3	N	6.2
KAFB-106127-350	SV127-350-212	4/5/2021	N	Chloroform	< 0.88	U	ug/m3	N	0.37
KAFB-106127-350	SV127-350-212	4/5/2021	N	Benzene	2.5	J	ug/m3	Y	0.4
KAFB-106127-350	SV127-350-212	4/5/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106127-350	SV127-350-212	4/5/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.34
KAFB-106127-350	SV127-350-212	4/5/2021	N	Vinyl chloride	< 0.88	U	ug/m3	N	0.29
KAFB-106127-350	SV127-350-212	4/5/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.78
KAFB-106127-350	SV127-350-212	4/5/2021	N	Carbon disulfide	36		ug/m3	Y	0.83
KAFB-106127-350	SV127-350-212	4/5/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.57
KAFB-106127-350	SV127-350-212	4/5/2021	N	Bromodichloromethane	< 0.88	U	ug/m3	N	0.4
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106127-350	SV127-350-212	4/5/2021	N	Trichlorofluoromethane	< 1.7	U	ug/m3	N	0.42
KAFB-106127-350	SV127-350-212	4/5/2021	N	Dichlorodifluoromethane	0.75	J	ug/m3	Y	0.45
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.88	U	ug/m3	N	0.39
KAFB-106127-350	SV127-350-212	4/5/2021	N	2-Butanone	1.7	J	ug/m3	Y	0.57
KAFB-106127-350	SV127-350-212	4/5/2021	N	Trichloroethene	1	J	ug/m3	Y	0.37
KAFB-106127-350	SV127-350-212	4/5/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.67
KAFB-106127-350	SV127-350-212	4/5/2021	N	o-Xylene	< 0.88	U	ug/m3	N	0.4
KAFB-106127-350	SV127-350-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 0.88	U	ug/m3	N	0.38
KAFB-106127-450	SV127-450-212	4/5/2021	N	Ethylbenzene	< 1.2	U	ug/m3	N	0.55
KAFB-106127-450	SV127-450-212	4/5/2021	N	Styrene	< 2.3	U	ug/m3	N	0.62
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,2-Dibromoethane	< 1.2	U	ug/m3	N	0.45
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,3-Butadiene	< 2.3	U	ug/m3	N	0.64
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,2-Dichloroethane	< 1.2	U	ug/m3	N	0.43
KAFB-106127-450	SV127-450-212	4/5/2021	N	4-Methyl-2-pentanone	< 1.2	U	ug/m3	N	0.53
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 1.2	U	ug/m3	N	0.56
KAFB-106127-450	SV127-450-212	4/5/2021	N	Toluene	2.1	J	ug/m3	Y	0.47
KAFB-106127-450	SV127-450-212	4/5/2021	N	Tetrahydrofuran	1.9	J	ug/m3	Y	0.49
KAFB-106127-450	SV127-450-212	4/5/2021	N	Hexane	< 2.3	U	ug/m3	N	0.8
KAFB-106127-450	SV127-450-212	4/5/2021	N	Cyclohexane	< 2.5	U	ug/m3	N	1.1
KAFB-106127-450	SV127-450-212	4/5/2021	N	Propylene (propene)	< 2.3	U	ug/m3	N	0.94
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 2.3	U	ug/m3	N	0.94
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,4-Dioxane	< 1.2	U	ug/m3	N	0.46
KAFB-106127-450	SV127-450-212	4/5/2021	N	Dibromochloromethane	13		ug/m3	Y	0.51
KAFB-106127-450	SV127-450-212	4/5/2021	N	Tetrachloroethene	7		ug/m3	Y	0.5
KAFB-106127-450	SV127-450-212	4/5/2021	N	Xylenes, total	< 2.5	U	ug/m3	N	1
KAFB-106127-450	SV127-450-212	4/5/2021	N	Ethyl acetate	< 4.7	U	ug/m3	N	2
KAFB-106127-450	SV127-450-212	4/5/2021	N	n-Heptane	< 2.3	U	ug/m3	N	0.62
KAFB-106127-450	SV127-450-212	4/5/2021	N	m- & p-Xylenes	< 2.5	U	ug/m3	N	1
KAFB-106127-450	SV127-450-212	4/5/2021	N	Carbon tetrachloride	21		ug/m3	Y	0.54
KAFB-106127-450	SV127-450-212	4/5/2021	N	2-Hexanone	< 1.2	U	ug/m3	N	0.48

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106127-450	SV127-450-212	4/5/2021	N	Ethanol	6.7	J	ug/m3	Y	2.7
KAFB-106127-450	SV127-450-212	4/5/2021	N	Isopropyl alcohol	< 4.6	U	ug/m3	N	1.6
KAFB-106127-450	SV127-450-212	4/5/2021	N	Acetone	< 20	U	ug/m3	N	8.7
KAFB-106127-450	SV127-450-212	4/5/2021	N	Chloroform	570		ug/m3	Y	0.52
KAFB-106127-450	SV127-450-212	4/5/2021	N	Benzene	1.6	J	ug/m3	Y	0.56
KAFB-106127-450	SV127-450-212	4/5/2021	N	Chloromethane	1.2	J	ug/m3	Y	0.62
KAFB-106127-450	SV127-450-212	4/5/2021	N	Chloroethane	< 2.3	U	ug/m3	N	0.48
KAFB-106127-450	SV127-450-212	4/5/2021	N	Vinyl chloride	< 1.2	U	ug/m3	N	0.41
KAFB-106127-450	SV127-450-212	4/5/2021	N	Methylene chloride	< 2.3	U	ug/m3	N	1.1
KAFB-106127-450	SV127-450-212	4/5/2021	N	Carbon disulfide	6	J	ug/m3	Y	1.2
KAFB-106127-450	SV127-450-212	4/5/2021	N	Bromoform	1.3	J	ug/m3	Y	0.8
KAFB-106127-450	SV127-450-212	4/5/2021	N	Bromodichloromethane	73		ug/m3	Y	0.56
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,1-Dichloroethane	< 2.4	U	ug/m3	N	0.57
KAFB-106127-450	SV127-450-212	4/5/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.59
KAFB-106127-450	SV127-450-212	4/5/2021	N	Dichlorodifluoromethane	2.6	J	ug/m3	Y	0.63
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.2	U	ug/m3	N	0.55
KAFB-106127-450	SV127-450-212	4/5/2021	N	2-Butanone	6.8	J	ug/m3	Y	0.8
KAFB-106127-450	SV127-450-212	4/5/2021	N	Trichloroethene	2.8	J	ug/m3	Y	0.52
KAFB-106127-450	SV127-450-212	4/5/2021	N	Naphthalene	< 2.3	U	ug/m3	N	0.94
KAFB-106127-450	SV127-450-212	4/5/2021	N	o-Xylene	< 1.2	U	ug/m3	N	0.56
KAFB-106127-450	SV127-450-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 1.2	U	ug/m3	N	0.54
KAFB-106128-025	SV128-025-212	4/6/2021	N	Ethylbenzene	7.4		ug/m3	Y	0.51
KAFB-106128-025	SV128-025-212	4/6/2021	N	Styrene	< 2.2	U	ug/m3	N	0.58
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,2-Dibromoethane	< 1.2	U	ug/m3	N	0.42
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,3-Butadiene	< 2.2	U	ug/m3	N	0.6
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,2-Dichloroethane	< 1.2	U	ug/m3	N	0.4
KAFB-106128-025	SV128-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.2	U	ug/m3	N	0.49
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	9.6		ug/m3	Y	0.52
KAFB-106128-025	SV128-025-212	4/6/2021	N	Toluene	23		ug/m3	Y	0.44
KAFB-106128-025	SV128-025-212	4/6/2021	N	Tetrahydrofuran	< 1.2	U	ug/m3	N	0.45
KAFB-106128-025	SV128-025-212	4/6/2021	N	Hexane	1.7	J	ug/m3	Y	0.74
KAFB-106128-025	SV128-025-212	4/6/2021	N	Cyclohexane	2	J	ug/m3	Y	1
KAFB-106128-025	SV128-025-212	4/6/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.88
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.2	U	ug/m3	N	0.88
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,4-Dioxane	< 1.2	U	ug/m3	N	0.43
KAFB-106128-025	SV128-025-212	4/6/2021	N	Dibromochloromethane	< 1.2	U	ug/m3	N	0.47
KAFB-106128-025	SV128-025-212	4/6/2021	N	Tetrachloroethene	3.2	J	ug/m3	Y	0.47
KAFB-106128-025	SV128-025-212	4/6/2021	N	Xylenes, total	46		ug/m3	Y	0.95
KAFB-106128-025	SV128-025-212	4/6/2021	N	Ethyl acetate	< 4.4	U	ug/m3	N	1.9
KAFB-106128-025	SV128-025-212	4/6/2021	N	n-Heptane	3.3	J	ug/m3	Y	0.58
KAFB-106128-025	SV128-025-212	4/6/2021	N	m- & p-Xylenes	33		ug/m3	Y	0.95
KAFB-106128-025	SV128-025-212	4/6/2021	N	Carbon tetrachloride	140		ug/m3	Y	0.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	2-Hexanone	1.2	J	ug/m3	Y	0.45
KAFB-106128-025	SV128-025-212	4/6/2021	N	Ethanol	7.3	J	ug/m3	Y	2.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	Isopropyl alcohol	< 4.3	U	ug/m3	N	1.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	Acetone	21	J	ug/m3	Y	8.1
KAFB-106128-025	SV128-025-212	4/6/2021	N	Chloroform	5.3		ug/m3	Y	0.48
KAFB-106128-025	SV128-025-212	4/6/2021	N	Benzene	3	J	ug/m3	Y	0.52
KAFB-106128-025	SV128-025-212	4/6/2021	N	Chloromethane	< 2.2	U	ug/m3	N	0.58
KAFB-106128-025	SV128-025-212	4/6/2021	N	Chloroethane	< 2.2	U	ug/m3	N	0.45
KAFB-106128-025	SV128-025-212	4/6/2021	N	Vinyl chloride	< 1.2	U	ug/m3	N	0.39
KAFB-106128-025	SV128-025-212	4/6/2021	N	Methylene chloride	< 2.2	U	ug/m3	N	1
KAFB-106128-025	SV128-025-212	4/6/2021	N	Carbon disulfide	6.1	J	ug/m3	Y	1.1
KAFB-106128-025	SV128-025-212	4/6/2021	N	Bromoform	< 2.2	U	ug/m3	N	0.74
KAFB-106128-025	SV128-025-212	4/6/2021	N	Bromodichloromethane	< 1.2	U	ug/m3	N	0.52

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,1-Dichloroethane	< 2.2	U	ug/m3	N	0.53
KAFB-106128-025	SV128-025-212	4/6/2021	N	Trichlorofluoromethane	97		ug/m3	Y	0.55
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	170		ug/m3	Y	0.51
KAFB-106128-025	SV128-025-212	4/6/2021	N	2-Butanone	4.5	J	ug/m3	Y	0.74
KAFB-106128-025	SV128-025-212	4/6/2021	N	Trichloroethene	1	J	ug/m3	Y	0.49
KAFB-106128-025	SV128-025-212	4/6/2021	N	Naphthalene	13		ug/m3	Y	0.88
KAFB-106128-025	SV128-025-212	4/6/2021	N	o-Xylene	12		ug/m3	Y	0.52
KAFB-106128-025	SV128-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	42		ug/m3	Y	0.5
KAFB-106128-025	SV128-025-212	4/6/2021	N	Dichlorodifluoromethane	720		ug/m3	Y	2.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	Ethylbenzene	9.2		ug/m3	Y	0.71
KAFB-106128-050	SV128-050-212	4/6/2021	N	Styrene	< 3	U	ug/m3	N	0.81
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,2-Dibromoethane	< 1.6	U	ug/m3	N	0.58
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,3-Butadiene	< 3	U	ug/m3	N	0.83
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,2-Dichloroethane	< 1.6	U	ug/m3	N	0.55
KAFB-106128-050	SV128-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.6	U	ug/m3	N	0.69
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	16		ug/m3	Y	0.72
KAFB-106128-050	SV128-050-212	4/6/2021	N	Toluene	28		ug/m3	Y	0.61
KAFB-106128-050	SV128-050-212	4/6/2021	N	Tetrahydrofuran	< 1.6	U	ug/m3	N	0.63
KAFB-106128-050	SV128-050-212	4/6/2021	N	Hexane	2	J	ug/m3	Y	1
KAFB-106128-050	SV128-050-212	4/6/2021	N	Cyclohexane	2.4	J	ug/m3	Y	1.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	Propylene (propene)	2.1	J	ug/m3	Y	1.2
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 3	U	ug/m3	N	1.2
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,4-Dioxane	< 1.6	U	ug/m3	N	0.59
KAFB-106128-050	SV128-050-212	4/6/2021	N	Dibromochloromethane	< 1.6	U	ug/m3	N	0.66
KAFB-106128-050	SV128-050-212	4/6/2021	N	Tetrachloroethene	5.3		ug/m3	Y	0.65
KAFB-106128-050	SV128-050-212	4/6/2021	N	Xylenes, total	56		ug/m3	Y	1.3
KAFB-106128-050	SV128-050-212	4/6/2021	N	Ethyl acetate	< 6.1	U	ug/m3	N	2.6
KAFB-106128-050	SV128-050-212	4/6/2021	N	n-Heptane	4.4	J	ug/m3	Y	0.8
KAFB-106128-050	SV128-050-212	4/6/2021	N	m- & p-Xylenes	41		ug/m3	Y	1.3
KAFB-106128-050	SV128-050-212	4/6/2021	N	Carbon tetrachloride	150		ug/m3	Y	0.7
KAFB-106128-050	SV128-050-212	4/6/2021	N	2-Hexanone	< 1.6	U	ug/m3	N	0.62
KAFB-106128-050	SV128-050-212	4/6/2021	N	Ethanol	7.6	J	ug/m3	Y	3.5
KAFB-106128-050	SV128-050-212	4/6/2021	N	Isopropyl alcohol	2.3	J	ug/m3	Y	2.1
KAFB-106128-050	SV128-050-212	4/6/2021	N	Acetone	30	J	ug/m3	Y	11
KAFB-106128-050	SV128-050-212	4/6/2021	N	Chloroform	2.8	J	ug/m3	Y	0.67
KAFB-106128-050	SV128-050-212	4/6/2021	N	Benzene	4.7	J	ug/m3	Y	0.72
KAFB-106128-050	SV128-050-212	4/6/2021	N	Chloromethane	< 3	U	ug/m3	N	0.81
KAFB-106128-050	SV128-050-212	4/6/2021	N	Chloroethane	< 3	U	ug/m3	N	0.62
KAFB-106128-050	SV128-050-212	4/6/2021	N	Vinyl chloride	< 1.6	U	ug/m3	N	0.54
KAFB-106128-050	SV128-050-212	4/6/2021	N	Methylene chloride	< 3	U	ug/m3	N	1.4
KAFB-106128-050	SV128-050-212	4/6/2021	N	Carbon disulfide	9.3	J	ug/m3	Y	1.5
KAFB-106128-050	SV128-050-212	4/6/2021	N	Bromoform	< 3	U	ug/m3	N	1
KAFB-106128-050	SV128-050-212	4/6/2021	N	Bromodichloromethane	< 1.6	U	ug/m3	N	0.72
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,1-Dichloroethane	< 3.1	U	ug/m3	N	0.73
KAFB-106128-050	SV128-050-212	4/6/2021	N	Trichlorofluoromethane	100		ug/m3	Y	0.76
KAFB-106128-050	SV128-050-212	4/6/2021	N	Dichlorodifluoromethane	760		ug/m3	Y	0.82
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	180		ug/m3	Y	0.71
KAFB-106128-050	SV128-050-212	4/6/2021	N	2-Butanone	6.7	J	ug/m3	Y	1
KAFB-106128-050	SV128-050-212	4/6/2021	N	Trichloroethene	3.4	J	ug/m3	Y	0.68
KAFB-106128-050	SV128-050-212	4/6/2021	N	Naphthalene	6		ug/m3	Y	1.2
KAFB-106128-050	SV128-050-212	4/6/2021	N	o-Xylene	15		ug/m3	Y	0.72
KAFB-106128-050	SV128-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	68		ug/m3	Y	0.7
KAFB-106128-150	SV128-150-212	4/6/2021	N	Ethylbenzene	4.1		ug/m3	Y	0.37
KAFB-106128-150	SV128-150-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106128-150	SV128-150-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	6.2		ug/m3	Y	0.38
KAFB-106128-150	SV128-150-212	4/6/2021	N	Toluene	12		ug/m3	Y	0.32
KAFB-106128-150	SV128-150-212	4/6/2021	N	Tetrahydrofuran	11		ug/m3	Y	0.33
KAFB-106128-150	SV128-150-212	4/6/2021	N	Hexane	0.96	J	ug/m3	Y	0.54
KAFB-106128-150	SV128-150-212	4/6/2021	N	Cyclohexane	0.92	J	ug/m3	Y	0.74
KAFB-106128-150	SV128-150-212	4/6/2021	N	Propylene (propene)	0.85	J	ug/m3	Y	0.64
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106128-150	SV128-150-212	4/6/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.35
KAFB-106128-150	SV128-150-212	4/6/2021	N	Tetrachloroethene	3.5		ug/m3	Y	0.34
KAFB-106128-150	SV128-150-212	4/6/2021	N	Xylenes, total	26		ug/m3	Y	0.69
KAFB-106128-150	SV128-150-212	4/6/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106128-150	SV128-150-212	4/6/2021	N	n-Heptane	2.2	J	ug/m3	Y	0.42
KAFB-106128-150	SV128-150-212	4/6/2021	N	m- & p-Xylenes	19		ug/m3	Y	0.69
KAFB-106128-150	SV128-150-212	4/6/2021	N	Carbon tetrachloride	270		ug/m3	Y	0.37
KAFB-106128-150	SV128-150-212	4/6/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
KAFB-106128-150	SV128-150-212	4/6/2021	N	Ethanol	2.8	J	ug/m3	Y	1.8
KAFB-106128-150	SV128-150-212	4/6/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106128-150	SV128-150-212	4/6/2021	N	Acetone	< 13	U	ug/m3	N	5.9
KAFB-106128-150	SV128-150-212	4/6/2021	N	Chloroform	94		ug/m3	Y	0.35
KAFB-106128-150	SV128-150-212	4/6/2021	N	Benzene	2	J	ug/m3	Y	0.38
KAFB-106128-150	SV128-150-212	4/6/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106128-150	SV128-150-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106128-150	SV128-150-212	4/6/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106128-150	SV128-150-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106128-150	SV128-150-212	4/6/2021	N	Carbon disulfide	10		ug/m3	Y	0.79
KAFB-106128-150	SV128-150-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106128-150	SV128-150-212	4/6/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106128-150	SV128-150-212	4/6/2021	N	Trichlorofluoromethane	79		ug/m3	Y	0.4
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	180		ug/m3	Y	0.38
KAFB-106128-150	SV128-150-212	4/6/2021	N	2-Butanone	1.3	J	ug/m3	Y	0.54
KAFB-106128-150	SV128-150-212	4/6/2021	N	Trichloroethene	43		ug/m3	Y	0.36
KAFB-106128-150	SV128-150-212	4/6/2021	N	Naphthalene	10		ug/m3	Y	0.64
KAFB-106128-150	SV128-150-212	4/6/2021	N	o-Xylene	6.5		ug/m3	Y	0.38
KAFB-106128-150	SV128-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	26		ug/m3	Y	0.37
KAFB-106128-150	SV128-150-212	4/6/2021	N	Dichlorodifluoromethane	750		ug/m3	Y	4.3
KAFB-106128-250	SV128-250-212	4/6/2021	N	Ethylbenzene	4700		ug/m3	Y	230
KAFB-106128-250	SV128-250-212	4/6/2021	N	Styrene	< 970	U	ug/m3	N	260
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,2-Dibromoethane	< 510	U	ug/m3	N	190
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,3-Butadiene	< 970	U	ug/m3	N	270
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,2-Dichloroethane	< 510	U	ug/m3	N	180
KAFB-106128-250	SV128-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 510	U	ug/m3	N	220
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	1700		ug/m3	Y	230
KAFB-106128-250	SV128-250-212	4/6/2021	N	Toluene	370	J	ug/m3	Y	200
KAFB-106128-250	SV128-250-212	4/6/2021	N	Tetrahydrofuran	< 510	U	ug/m3	N	200
KAFB-106128-250	SV128-250-212	4/6/2021	N	Hexane	140000		ug/m3	Y	330
KAFB-106128-250	SV128-250-212	4/6/2021	N	Cyclohexane	300000		ug/m3	Y	450
KAFB-106128-250	SV128-250-212	4/6/2021	N	Propylene (propene)	2800		ug/m3	Y	390
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 970	U	ug/m3	N	390
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,4-Dioxane	< 510	U	ug/m3	N	190
KAFB-106128-250	SV128-250-212	4/6/2021	N	Dibromochloromethane	< 510	U	ug/m3	N	210

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106128-250	SV128-250-212	4/6/2021	N	Tetrachloroethene	< 510	U	ug/m3	N	210
KAFB-106128-250	SV128-250-212	4/6/2021	N	Xylenes, total	9000		ug/m3	Y	420
KAFB-106128-250	SV128-250-212	4/6/2021	N	Ethyl acetate	< 2000	U	ug/m3	N	850
KAFB-106128-250	SV128-250-212	4/6/2021	N	n-Heptane	220000		ug/m3	Y	260
KAFB-106128-250	SV128-250-212	4/6/2021	N	m- & p-Xylenes	9000		ug/m3	Y	420
KAFB-106128-250	SV128-250-212	4/6/2021	N	Carbon tetrachloride	< 510	U	ug/m3	N	220
KAFB-106128-250	SV128-250-212	4/6/2021	N	2-Hexanone	< 510	U	ug/m3	N	200
KAFB-106128-250	SV128-250-212	4/6/2021	N	Ethanol	5900	J	ug/m3	Y	1100
KAFB-106128-250	SV128-250-212	4/6/2021	N	Isopropyl alcohol	< 1900	U	ug/m3	N	670
KAFB-106128-250	SV128-250-212	4/6/2021	N	Acetone	< 8200	U	ug/m3	N	3600
KAFB-106128-250	SV128-250-212	4/6/2021	N	Chloroform	< 510	U	ug/m3	N	220
KAFB-106128-250	SV128-250-212	4/6/2021	N	Benzene	4100		ug/m3	Y	230
KAFB-106128-250	SV128-250-212	4/6/2021	N	Chloromethane	< 970	U	ug/m3	N	260
KAFB-106128-250	SV128-250-212	4/6/2021	N	Chloroethane	< 970	U	ug/m3	N	200
KAFB-106128-250	SV128-250-212	4/6/2021	N	Vinyl chloride	< 510	U	ug/m3	N	170
KAFB-106128-250	SV128-250-212	4/6/2021	N	Methylene chloride	< 970	U	ug/m3	N	450
KAFB-106128-250	SV128-250-212	4/6/2021	N	Carbon disulfide	< 1600	U	ug/m3	N	480
KAFB-106128-250	SV128-250-212	4/6/2021	N	Bromoform	< 970	U	ug/m3	N	330
KAFB-106128-250	SV128-250-212	4/6/2021	N	Bromodichloromethane	< 510	U	ug/m3	N	230
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,1-Dichloroethane	< 1000	U	ug/m3	N	240
KAFB-106128-250	SV128-250-212	4/6/2021	N	Trichlorofluoromethane	< 970	U	ug/m3	N	250
KAFB-106128-250	SV128-250-212	4/6/2021	N	Dichlorodifluoromethane	550	J	ug/m3	Y	260
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	280	J	ug/m3	Y	230
KAFB-106128-250	SV128-250-212	4/6/2021	N	2-Butanone	< 970	U	ug/m3	N	330
KAFB-106128-250	SV128-250-212	4/6/2021	N	Trichloroethene	< 510	U	ug/m3	N	220
KAFB-106128-250	SV128-250-212	4/6/2021	N	Naphthalene	< 940	U	ug/m3	N	390
KAFB-106128-250	SV128-250-212	4/6/2021	N	o-Xylene	< 510	U	ug/m3	N	230
KAFB-106128-250	SV128-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	2000		ug/m3	Y	220
KAFB-106128-350	SV128-350-212	4/6/2021	N	Ethylbenzene	14000		ug/m3	Y	450
KAFB-106128-350	SV128-350-212	4/6/2021	N	Styrene	< 1900	U	ug/m3	N	510
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,2-Dibromoethane	1300	J	ug/m3	Y	370
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,3-Butadiene	< 1900	U	ug/m3	N	520
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,2-Dichloroethane	< 1000	U	ug/m3	N	350
KAFB-106128-350	SV128-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 1000	U	ug/m3	N	430
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	4100		ug/m3	Y	460
KAFB-106128-350	SV128-350-212	4/6/2021	N	Toluene	290000		ug/m3	Y	390
KAFB-106128-350	SV128-350-212	4/6/2021	N	Tetrahydrofuran	< 1000	U	ug/m3	N	400
KAFB-106128-350	SV128-350-212	4/6/2021	N	Hexane	440000		ug/m3	Y	650
KAFB-106128-350	SV128-350-212	4/6/2021	N	Cyclohexane	410000		ug/m3	Y	890
KAFB-106128-350	SV128-350-212	4/6/2021	N	Propylene (propene)	11000		ug/m3	Y	770
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1900	U	ug/m3	N	770
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,4-Dioxane	< 1000	U	ug/m3	N	370
KAFB-106128-350	SV128-350-212	4/6/2021	N	Dibromochloromethane	< 1000	U	ug/m3	N	420
KAFB-106128-350	SV128-350-212	4/6/2021	N	Tetrachloroethene	< 1000	U	ug/m3	N	410
KAFB-106128-350	SV128-350-212	4/6/2021	N	Xylenes, total	190000		ug/m3	Y	830
KAFB-106128-350	SV128-350-212	4/6/2021	N	Ethyl acetate	< 3900	U	ug/m3	N	1700
KAFB-106128-350	SV128-350-212	4/6/2021	N	n-Heptane	390000		ug/m3	Y	510
KAFB-106128-350	SV128-350-212	4/6/2021	N	m- & p-Xylenes	140000		ug/m3	Y	830
KAFB-106128-350	SV128-350-212	4/6/2021	N	Carbon tetrachloride	< 1000	U	ug/m3	N	440
KAFB-106128-350	SV128-350-212	4/6/2021	N	2-Hexanone	< 1000	U	ug/m3	N	390
KAFB-106128-350	SV128-350-212	4/6/2021	N	Ethanol	< 4900	U	ug/m3	N	2200
KAFB-106128-350	SV128-350-212	4/6/2021	N	Isopropyl alcohol	< 3700	U	ug/m3	N	1300
KAFB-106128-350	SV128-350-212	4/6/2021	N	Acetone	< 16000	U	ug/m3	N	7100
KAFB-106128-350	SV128-350-212	4/6/2021	N	Chloroform	< 1000	U	ug/m3	N	420
KAFB-106128-350	SV128-350-212	4/6/2021	N	Benzene	60000		ug/m3	Y	460

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106128-350	SV128-350-212	4/6/2021	N	Chloromethane	< 1900	U	ug/m3	N	510
KAFB-106128-350	SV128-350-212	4/6/2021	N	Chloroethane	< 1900	U	ug/m3	N	390
KAFB-106128-350	SV128-350-212	4/6/2021	N	Vinyl chloride	< 1000	U	ug/m3	N	340
KAFB-106128-350	SV128-350-212	4/6/2021	N	Methylene chloride	< 1900	U	ug/m3	N	890
KAFB-106128-350	SV128-350-212	4/6/2021	N	Carbon disulfide	< 3200	U	ug/m3	N	950
KAFB-106128-350	SV128-350-212	4/6/2021	N	Bromoform	< 1900	U	ug/m3	N	650
KAFB-106128-350	SV128-350-212	4/6/2021	N	Bromodichloromethane	< 1000	U	ug/m3	N	460
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,1-Dichloroethane	< 2000	U	ug/m3	N	460
KAFB-106128-350	SV128-350-212	4/6/2021	N	Trichlorofluoromethane	< 1900	U	ug/m3	N	480
KAFB-106128-350	SV128-350-212	4/6/2021	N	Dichlorodifluoromethane	1800	J	ug/m3	Y	520
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1000	U	ug/m3	N	450
KAFB-106128-350	SV128-350-212	4/6/2021	N	2-Butanone	< 1900	U	ug/m3	N	650
KAFB-106128-350	SV128-350-212	4/6/2021	N	Trichloroethene	< 1000	U	ug/m3	N	430
KAFB-106128-350	SV128-350-212	4/6/2021	N	Naphthalene	< 1800	U	ug/m3	N	770
KAFB-106128-350	SV128-350-212	4/6/2021	N	o-Xylene	49000		ug/m3	Y	460
KAFB-106128-350	SV128-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	3400		ug/m3	Y	440
KAFB-106128-450	SV128-450-212	4/6/2021	N	Ethylbenzene	17000		ug/m3	Y	570
KAFB-106128-450	SV128-450-212	4/6/2021	N	Styrene	< 2400	U	ug/m3	N	660
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,2-Dibromoethane	4800		ug/m3	Y	470
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,3-Butadiene	< 2400	U	ug/m3	N	670
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,2-Dichloroethane	< 1300	U	ug/m3	N	450
KAFB-106128-450	SV128-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 1300	U	ug/m3	N	560
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	5000		ug/m3	Y	590
KAFB-106128-450	SV128-450-212	4/6/2021	N	Toluene	200000		ug/m3	Y	500
KAFB-106128-450	SV128-450-212	4/6/2021	N	Tetrahydrofuran	< 1300	U	ug/m3	N	510
KAFB-106128-450	SV128-450-212	4/6/2021	N	Hexane	760000		ug/m3	Y	840
KAFB-106128-450	SV128-450-212	4/6/2021	N	Cyclohexane	1000000		ug/m3	Y	1100
KAFB-106128-450	SV128-450-212	4/6/2021	N	Propylene (propene)	29000		ug/m3	Y	990
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2400	U	ug/m3	N	990
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,4-Dioxane	< 1300	U	ug/m3	N	480
KAFB-106128-450	SV128-450-212	4/6/2021	N	Dibromochloromethane	< 1300	U	ug/m3	N	530
KAFB-106128-450	SV128-450-212	4/6/2021	N	Tetrachloroethene	< 1300	U	ug/m3	N	530
KAFB-106128-450	SV128-450-212	4/6/2021	N	Xylenes, total	400000		ug/m3	Y	1100
KAFB-106128-450	SV128-450-212	4/6/2021	N	Ethyl acetate	< 5000	U	ug/m3	N	2100
KAFB-106128-450	SV128-450-212	4/6/2021	N	m- & p-Xylenes	310000		ug/m3	Y	1100
KAFB-106128-450	SV128-450-212	4/6/2021	N	Carbon tetrachloride	< 1300	U	ug/m3	N	570
KAFB-106128-450	SV128-450-212	4/6/2021	N	2-Hexanone	< 1300	U	ug/m3	N	500
KAFB-106128-450	SV128-450-212	4/6/2021	N	Ethanol	16000	J	ug/m3	Y	2800
KAFB-106128-450	SV128-450-212	4/6/2021	N	Isopropyl alcohol	3000	J	ug/m3	Y	1700
KAFB-106128-450	SV128-450-212	4/6/2021	N	Acetone	< 21000	U	ug/m3	N	9200
KAFB-106128-450	SV128-450-212	4/6/2021	N	Chloroform	< 1300	U	ug/m3	N	540
KAFB-106128-450	SV128-450-212	4/6/2021	N	Benzene	33000		ug/m3	Y	590
KAFB-106128-450	SV128-450-212	4/6/2021	N	Chloromethane	< 2400	U	ug/m3	N	660
KAFB-106128-450	SV128-450-212	4/6/2021	N	Chloroethane	< 2400	U	ug/m3	N	500
KAFB-106128-450	SV128-450-212	4/6/2021	N	Vinyl chloride	< 1300	U	ug/m3	N	440
KAFB-106128-450	SV128-450-212	4/6/2021	N	Methylene chloride	< 2400	U	ug/m3	N	1100
KAFB-106128-450	SV128-450-212	4/6/2021	N	Carbon disulfide	1400	J	ug/m3	Y	1200
KAFB-106128-450	SV128-450-212	4/6/2021	N	Bromoform	< 2400	U	ug/m3	N	840
KAFB-106128-450	SV128-450-212	4/6/2021	N	Bromodichloromethane	< 1300	U	ug/m3	N	590
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,1-Dichloroethane	< 2500	U	ug/m3	N	600
KAFB-106128-450	SV128-450-212	4/6/2021	N	Trichlorofluoromethane	< 2400	U	ug/m3	N	620
KAFB-106128-450	SV128-450-212	4/6/2021	N	Dichlorodifluoromethane	2800	J	ug/m3	Y	660
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1300	U	ug/m3	N	580
KAFB-106128-450	SV128-450-212	4/6/2021	N	2-Butanone	< 2400	U	ug/m3	N	840
KAFB-106128-450	SV128-450-212	4/6/2021	N	Trichloroethene	1000	J	ug/m3	Y	550

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106128-450	SV128-450-212	4/6/2021	N	Naphthalene	< 2400	U	ug/m3	N	990
KAFB-106128-450	SV128-450-212	4/6/2021	N	o-Xylene	83000		ug/m3	Y	590
KAFB-106128-450	SV128-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	5600		ug/m3	Y	570
KAFB-106128-450	SV128-450-212	4/6/2021	N	n-Heptane	1900000		ug/m3	Y	2200
KAFB-106133-025	SV133-025-212	4/6/2021	N	Ethylbenzene	< 0.98	U	ug/m3	N	0.43
KAFB-106133-025	SV133-025-212	4/6/2021	N	Styrene	< 1.8	U	ug/m3	N	0.5
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,2-Dibromoethane	< 0.98	U	ug/m3	N	0.36
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.51
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,2-Dichloroethane	< 0.98	U	ug/m3	N	0.34
KAFB-106133-025	SV133-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.98	U	ug/m3	N	0.42
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.98	U	ug/m3	N	0.44
KAFB-106133-025	SV133-025-212	4/6/2021	N	Toluene	1.6	J	ug/m3	Y	0.38
KAFB-106133-025	SV133-025-212	4/6/2021	N	Tetrahydrofuran	4.6	J	ug/m3	Y	0.39
KAFB-106133-025	SV133-025-212	4/6/2021	N	Hexane	< 1.8	U	ug/m3	N	0.64
KAFB-106133-025	SV133-025-212	4/6/2021	N	Cyclohexane	< 2	U	ug/m3	N	0.87
KAFB-106133-025	SV133-025-212	4/6/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.75
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.75
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,4-Dioxane	< 0.98	U	ug/m3	N	0.36
KAFB-106133-025	SV133-025-212	4/6/2021	N	Dibromochloromethane	< 0.98	U	ug/m3	N	0.4
KAFB-106133-025	SV133-025-212	4/6/2021	N	Tetrachloroethene	9.1		ug/m3	Y	0.4
KAFB-106133-025	SV133-025-212	4/6/2021	N	Xylenes, total	1.7	J	ug/m3	Y	0.81
KAFB-106133-025	SV133-025-212	4/6/2021	N	Ethyl acetate	< 3.8	U	ug/m3	N	1.6
KAFB-106133-025	SV133-025-212	4/6/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.49
KAFB-106133-025	SV133-025-212	4/6/2021	N	m- & p-Xylenes	1.2	J	ug/m3	Y	0.81
KAFB-106133-025	SV133-025-212	4/6/2021	N	Carbon tetrachloride	1.5	J	ug/m3	Y	0.43
KAFB-106133-025	SV133-025-212	4/6/2021	N	2-Hexanone	1.5	J	ug/m3	Y	0.38
KAFB-106133-025	SV133-025-212	4/6/2021	N	Ethanol	16	J	ug/m3	Y	2.1
KAFB-106133-025	SV133-025-212	4/6/2021	N	Isopropyl alcohol	2	J	ug/m3	Y	1.3
KAFB-106133-025	SV133-025-212	4/6/2021	N	Acetone	31		ug/m3	Y	6.9
KAFB-106133-025	SV133-025-212	4/6/2021	N	Chloroform	1.1	J	ug/m3	Y	0.41
KAFB-106133-025	SV133-025-212	4/6/2021	N	Benzene	0.79	J	ug/m3	Y	0.44
KAFB-106133-025	SV133-025-212	4/6/2021	N	Chloromethane	2.9	J	ug/m3	Y	0.5
KAFB-106133-025	SV133-025-212	4/6/2021	N	Chloroethane	0.56	J	ug/m3	Y	0.38
KAFB-106133-025	SV133-025-212	4/6/2021	N	Vinyl chloride	< 0.98	U	ug/m3	N	0.33
KAFB-106133-025	SV133-025-212	4/6/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.87
KAFB-106133-025	SV133-025-212	4/6/2021	N	Carbon disulfide	2.2	J	ug/m3	Y	0.92
KAFB-106133-025	SV133-025-212	4/6/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.64
KAFB-106133-025	SV133-025-212	4/6/2021	N	Bromodichloromethane	< 0.98	U	ug/m3	N	0.44
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.45
KAFB-106133-025	SV133-025-212	4/6/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.47
KAFB-106133-025	SV133-025-212	4/6/2021	N	Dichlorodifluoromethane	3.2		ug/m3	Y	0.5
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	7.8		ug/m3	Y	0.44
KAFB-106133-025	SV133-025-212	4/6/2021	N	2-Butanone	11		ug/m3	Y	0.64
KAFB-106133-025	SV133-025-212	4/6/2021	N	Trichloroethene	180		ug/m3	Y	0.42
KAFB-106133-025	SV133-025-212	4/6/2021	N	Naphthalene	< 1.8	U	ug/m3	N	0.75
KAFB-106133-025	SV133-025-212	4/6/2021	N	o-Xylene	0.49	J	ug/m3	Y	0.44
KAFB-106133-025	SV133-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	0.43	J	ug/m3	Y	0.43
KAFB-106133-050	SV133-050-212	4/6/2021	N	Ethylbenzene	< 0.83	U	ug/m3	N	0.37
KAFB-106133-050	SV133-050-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,2-Dibromoethane	< 0.83	U	ug/m3	N	0.3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,2-Dichloroethane	< 0.83	U	ug/m3	N	0.29
KAFB-106133-050	SV133-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.83	U	ug/m3	N	0.36
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.83	U	ug/m3	N	0.38
KAFB-106133-050	SV133-050-212	4/6/2021	N	Toluene	0.85	J	ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106133-050	SV133-050-212	4/6/2021	N	Tetrahydrofuran	1.7	J	ug/m3	Y	0.33
KAFB-106133-050	SV133-050-212	4/6/2021	N	Hexane	< 1.6	U	ug/m3	N	0.54
KAFB-106133-050	SV133-050-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106133-050	SV133-050-212	4/6/2021	N	Propylene (propene)	0.76	J	ug/m3	Y	0.64
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,4-Dioxane	< 0.83	U	ug/m3	N	0.31
KAFB-106133-050	SV133-050-212	4/6/2021	N	Dibromochloromethane	< 0.83	U	ug/m3	N	0.34
KAFB-106133-050	SV133-050-212	4/6/2021	N	Tetrachloroethene	11		ug/m3	Y	0.34
KAFB-106133-050	SV133-050-212	4/6/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.69
KAFB-106133-050	SV133-050-212	4/6/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106133-050	SV133-050-212	4/6/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106133-050	SV133-050-212	4/6/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.69
KAFB-106133-050	SV133-050-212	4/6/2021	N	Carbon tetrachloride	1.9	J	ug/m3	Y	0.36
KAFB-106133-050	SV133-050-212	4/6/2021	N	2-Hexanone	< 0.83	U	ug/m3	N	0.32
KAFB-106133-050	SV133-050-212	4/6/2021	N	Ethanol	5.5	J	ug/m3	Y	1.8
KAFB-106133-050	SV133-050-212	4/6/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106133-050	SV133-050-212	4/6/2021	N	Acetone	20	J	ug/m3	Y	5.9
KAFB-106133-050	SV133-050-212	4/6/2021	N	Chloroform	1	J	ug/m3	Y	0.35
KAFB-106133-050	SV133-050-212	4/6/2021	N	Benzene	< 0.83	U	ug/m3	N	0.38
KAFB-106133-050	SV133-050-212	4/6/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.42
KAFB-106133-050	SV133-050-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.32
KAFB-106133-050	SV133-050-212	4/6/2021	N	Vinyl chloride	< 0.83	U	ug/m3	N	0.28
KAFB-106133-050	SV133-050-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106133-050	SV133-050-212	4/6/2021	N	Carbon disulfide	10		ug/m3	Y	0.78
KAFB-106133-050	SV133-050-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106133-050	SV133-050-212	4/6/2021	N	Bromodichloromethane	< 0.83	U	ug/m3	N	0.38
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106133-050	SV133-050-212	4/6/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.4
KAFB-106133-050	SV133-050-212	4/6/2021	N	Dichlorodifluoromethane	3.3		ug/m3	Y	0.43
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	8.8		ug/m3	Y	0.37
KAFB-106133-050	SV133-050-212	4/6/2021	N	2-Butanone	3.5	J	ug/m3	Y	0.54
KAFB-106133-050	SV133-050-212	4/6/2021	N	Trichloroethene	230		ug/m3	Y	0.35
KAFB-106133-050	SV133-050-212	4/6/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106133-050	SV133-050-212	4/6/2021	N	o-Xylene	< 0.83	U	ug/m3	N	0.38
KAFB-106133-050	SV133-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 0.83	U	ug/m3	N	0.36
KAFB-106133-170	SV133-170-212	4/6/2021	N	Ethylbenzene	< 1.4	U	ug/m3	N	0.64
KAFB-106133-170	SV133-170-212	4/6/2021	N	Styrene	< 2.7	U	ug/m3	N	0.73
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,2-Dibromoethane	< 1.4	U	ug/m3	N	0.53
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,3-Butadiene	< 2.7	U	ug/m3	N	0.75
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,2-Dichloroethane	< 1.4	U	ug/m3	N	0.5
KAFB-106133-170	SV133-170-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.4	U	ug/m3	N	0.62
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.4	U	ug/m3	N	0.65
KAFB-106133-170	SV133-170-212	4/6/2021	N	Toluene	2.7	J	ug/m3	Y	0.55
KAFB-106133-170	SV133-170-212	4/6/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.57
KAFB-106133-170	SV133-170-212	4/6/2021	N	Hexane	< 2.7	U	ug/m3	N	0.93
KAFB-106133-170	SV133-170-212	4/6/2021	N	Cyclohexane	< 2.9	U	ug/m3	N	1.3
KAFB-106133-170	SV133-170-212	4/6/2021	N	Propylene (propene)	< 2.7	U	ug/m3	N	1.1
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.7	U	ug/m3	N	1.1
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,4-Dioxane	< 1.4	U	ug/m3	N	0.53
KAFB-106133-170	SV133-170-212	4/6/2021	N	Dibromochloromethane	< 1.4	U	ug/m3	N	0.59
KAFB-106133-170	SV133-170-212	4/6/2021	N	Tetrachloroethene	26		ug/m3	Y	0.59
KAFB-106133-170	SV133-170-212	4/6/2021	N	Xylenes, total	3.5	J	ug/m3	Y	1.2
KAFB-106133-170	SV133-170-212	4/6/2021	N	Ethyl acetate	< 5.5	U	ug/m3	N	2.4
KAFB-106133-170	SV133-170-212	4/6/2021	N	n-Heptane	1.3	J	ug/m3	Y	0.72
KAFB-106133-170	SV133-170-212	4/6/2021	N	m- & p-Xylenes	2.2	J	ug/m3	Y	1.2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106133-170	SV133-170-212	4/6/2021	N	Carbon tetrachloride	4.6		ug/m3	Y	0.63
KAFB-106133-170	SV133-170-212	4/6/2021	N	2-Hexanone	< 1.4	U	ug/m3	N	0.56
KAFB-106133-170	SV133-170-212	4/6/2021	N	Ethanol	3.2	J	ug/m3	Y	3.1
KAFB-106133-170	SV133-170-212	4/6/2021	N	Isopropyl alcohol	< 5.3	U	ug/m3	N	1.9
KAFB-106133-170	SV133-170-212	4/6/2021	N	Acetone	< 23	U	ug/m3	N	10
KAFB-106133-170	SV133-170-212	4/6/2021	N	Chloroform	1.4	J	ug/m3	Y	0.6
KAFB-106133-170	SV133-170-212	4/6/2021	N	Benzene	0.85	J	ug/m3	Y	0.65
KAFB-106133-170	SV133-170-212	4/6/2021	N	Chloromethane	< 2.7	U	ug/m3	N	0.73
KAFB-106133-170	SV133-170-212	4/6/2021	N	Chloroethane	< 2.7	U	ug/m3	N	0.56
KAFB-106133-170	SV133-170-212	4/6/2021	N	Vinyl chloride	< 1.4	U	ug/m3	N	0.48
KAFB-106133-170	SV133-170-212	4/6/2021	N	Methylene chloride	< 2.7	U	ug/m3	N	1.3
KAFB-106133-170	SV133-170-212	4/6/2021	N	Carbon disulfide	11		ug/m3	Y	1.4
KAFB-106133-170	SV133-170-212	4/6/2021	N	Bromoform	< 2.7	U	ug/m3	N	0.93
KAFB-106133-170	SV133-170-212	4/6/2021	N	Bromodichloromethane	< 1.4	U	ug/m3	N	0.65
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,1-Dichloroethane	< 2.8	U	ug/m3	N	0.66
KAFB-106133-170	SV133-170-212	4/6/2021	N	Trichlorofluoromethane	1.5	J	ug/m3	Y	0.69
KAFB-106133-170	SV133-170-212	4/6/2021	N	Dichlorodifluoromethane	3.7	J	ug/m3	Y	0.74
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	16		ug/m3	Y	0.64
KAFB-106133-170	SV133-170-212	4/6/2021	N	2-Butanone	< 2.7	U	ug/m3	N	0.93
KAFB-106133-170	SV133-170-212	4/6/2021	N	Trichloroethene	750		ug/m3	Y	0.61
KAFB-106133-170	SV133-170-212	4/6/2021	N	Naphthalene	< 2.6	U	ug/m3	N	1.1
KAFB-106133-170	SV133-170-212	4/6/2021	N	o-Xylene	1.3	J	ug/m3	Y	0.65
KAFB-106133-170	SV133-170-212	4/6/2021	N	1,2,4-Trimethylbenzene	0.74	J	ug/m3	Y	0.63
KAFB-106133-250	SV133-250-212	4/6/2021	N	Ethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106133-250	SV133-250-212	4/6/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106133-250	SV133-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.82	U	ug/m3	N	0.37
KAFB-106133-250	SV133-250-212	4/6/2021	N	Toluene	1.6	J	ug/m3	Y	0.31
KAFB-106133-250	SV133-250-212	4/6/2021	N	Tetrahydrofuran	4.6	J	ug/m3	Y	0.32
KAFB-106133-250	SV133-250-212	4/6/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106133-250	SV133-250-212	4/6/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106133-250	SV133-250-212	4/6/2021	N	Propylene (propene)	1.6	J	ug/m3	Y	0.63
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106133-250	SV133-250-212	4/6/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106133-250	SV133-250-212	4/6/2021	N	Tetrachloroethene	18		ug/m3	Y	0.33
KAFB-106133-250	SV133-250-212	4/6/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.68
KAFB-106133-250	SV133-250-212	4/6/2021	N	Ethyl acetate	11		ug/m3	Y	1.4
KAFB-106133-250	SV133-250-212	4/6/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.41
KAFB-106133-250	SV133-250-212	4/6/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.68
KAFB-106133-250	SV133-250-212	4/6/2021	N	Carbon tetrachloride	8		ug/m3	Y	0.36
KAFB-106133-250	SV133-250-212	4/6/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106133-250	SV133-250-212	4/6/2021	N	Ethanol	7.2	J	ug/m3	Y	1.8
KAFB-106133-250	SV133-250-212	4/6/2021	N	Isopropyl alcohol	5.7		ug/m3	Y	1.1
KAFB-106133-250	SV133-250-212	4/6/2021	N	Acetone	19	J	ug/m3	Y	5.8
KAFB-106133-250	SV133-250-212	4/6/2021	N	Chloroform	3.4		ug/m3	Y	0.34
KAFB-106133-250	SV133-250-212	4/6/2021	N	Benzene	3.5		ug/m3	Y	0.37
KAFB-106133-250	SV133-250-212	4/6/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106133-250	SV133-250-212	4/6/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106133-250	SV133-250-212	4/6/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106133-250	SV133-250-212	4/6/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106133-250	SV133-250-212	4/6/2021	N	Carbon disulfide	9.7		ug/m3	Y	0.77

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106133-250	SV133-250-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106133-250	SV133-250-212	4/6/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106133-250	SV133-250-212	4/6/2021	N	Trichlorofluoromethane	0.99	J	ug/m3	Y	0.39
KAFB-106133-250	SV133-250-212	4/6/2021	N	Dichlorodifluoromethane	2.2	J	ug/m3	Y	0.42
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	13		ug/m3	Y	0.37
KAFB-106133-250	SV133-250-212	4/6/2021	N	2-Butanone	0.87	J	ug/m3	Y	0.53
KAFB-106133-250	SV133-250-212	4/6/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.63
KAFB-106133-250	SV133-250-212	4/6/2021	N	o-Xylene	< 0.82	U	ug/m3	N	0.37
KAFB-106133-250	SV133-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106133-250	SV133-250-212	4/6/2021	N	Trichloroethene	1600		ug/m3	Y	3.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	Ethylbenzene	< 0.92	U	ug/m3	N	0.41
KAFB-106133-350	SV133-350-212	4/6/2021	N	Styrene	< 1.7	U	ug/m3	N	0.47
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,2-Dibromoethane	< 0.92	U	ug/m3	N	0.34
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,2-Dichloroethane	< 0.92	U	ug/m3	N	0.32
KAFB-106133-350	SV133-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.92	U	ug/m3	N	0.4
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.92	U	ug/m3	N	0.42
KAFB-106133-350	SV133-350-212	4/6/2021	N	Toluene	0.93	J	ug/m3	Y	0.35
KAFB-106133-350	SV133-350-212	4/6/2021	N	Tetrahydrofuran	5.9		ug/m3	Y	0.36
KAFB-106133-350	SV133-350-212	4/6/2021	N	Hexane	< 1.7	U	ug/m3	N	0.6
KAFB-106133-350	SV133-350-212	4/6/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.81
KAFB-106133-350	SV133-350-212	4/6/2021	N	Propylene (propene)	2.3	J	ug/m3	Y	0.71
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.71
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,4-Dioxane	< 0.92	U	ug/m3	N	0.34
KAFB-106133-350	SV133-350-212	4/6/2021	N	Dibromochloromethane	< 0.92	U	ug/m3	N	0.38
KAFB-106133-350	SV133-350-212	4/6/2021	N	Tetrachloroethene	2.2	J	ug/m3	Y	0.37
KAFB-106133-350	SV133-350-212	4/6/2021	N	Xylenes, total	< 1.8	U	ug/m3	N	0.76
KAFB-106133-350	SV133-350-212	4/6/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.46
KAFB-106133-350	SV133-350-212	4/6/2021	N	m- & p-Xylenes	< 1.8	U	ug/m3	N	0.76
KAFB-106133-350	SV133-350-212	4/6/2021	N	Carbon tetrachloride	2	J	ug/m3	Y	0.4
KAFB-106133-350	SV133-350-212	4/6/2021	N	2-Hexanone	2.4	J	ug/m3	Y	0.36
KAFB-106133-350	SV133-350-212	4/6/2021	N	Ethanol	52		ug/m3	Y	2
KAFB-106133-350	SV133-350-212	4/6/2021	N	Isopropyl alcohol	2.9	J	ug/m3	Y	1.2
KAFB-106133-350	SV133-350-212	4/6/2021	N	Acetone	< 15	U	ug/m3	N	6.5
KAFB-106133-350	SV133-350-212	4/6/2021	N	Chloroform	4.8		ug/m3	Y	0.39
KAFB-106133-350	SV133-350-212	4/6/2021	N	Benzene	5.5		ug/m3	Y	0.42
KAFB-106133-350	SV133-350-212	4/6/2021	N	Chloromethane	1.4	J	ug/m3	Y	0.47
KAFB-106133-350	SV133-350-212	4/6/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.36
KAFB-106133-350	SV133-350-212	4/6/2021	N	Vinyl chloride	< 0.92	U	ug/m3	N	0.31
KAFB-106133-350	SV133-350-212	4/6/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.81
KAFB-106133-350	SV133-350-212	4/6/2021	N	Carbon disulfide	12		ug/m3	Y	0.87
KAFB-106133-350	SV133-350-212	4/6/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.6
KAFB-106133-350	SV133-350-212	4/6/2021	N	Bromodichloromethane	< 0.92	U	ug/m3	N	0.42
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106133-350	SV133-350-212	4/6/2021	N	Trichlorofluoromethane	< 1.7	U	ug/m3	N	0.44
KAFB-106133-350	SV133-350-212	4/6/2021	N	Dichlorodifluoromethane	0.73	J	ug/m3	Y	0.47
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	J	ug/m3	Y	0.41
KAFB-106133-350	SV133-350-212	4/6/2021	N	2-Butanone	18		ug/m3	Y	0.6
KAFB-106133-350	SV133-350-212	4/6/2021	N	Trichloroethene	510		ug/m3	Y	0.39
KAFB-106133-350	SV133-350-212	4/6/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.71
KAFB-106133-350	SV133-350-212	4/6/2021	N	o-Xylene	< 0.92	U	ug/m3	N	0.42
KAFB-106133-350	SV133-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	< 0.92	U	ug/m3	N	0.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Ethylbenzene	52		ug/m3	Y	5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106133-450	SV133-450-212	4/6/2021	N	Styrene	< 21	U	ug/m3	N	5.8
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,2-Dibromoethane	< 11	U	ug/m3	N	4.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,3-Butadiene	< 21	U	ug/m3	N	5.9
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,2-Dichloroethane	< 11	U	ug/m3	N	4
KAFB-106133-450	SV133-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 11	U	ug/m3	N	4.9
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	22	J	ug/m3	Y	5.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	Toluene	820		ug/m3	Y	4.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Tetrahydrofuran	32	J	ug/m3	Y	4.5
KAFB-106133-450	SV133-450-212	4/6/2021	N	Hexane	1500		ug/m3	Y	7.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Cyclohexane	2700		ug/m3	Y	10
KAFB-106133-450	SV133-450-212	4/6/2021	N	Propylene (propene)	310		ug/m3	Y	8.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 21	U	ug/m3	N	8.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,4-Dioxane	< 11	U	ug/m3	N	4.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	Dibromochloromethane	< 11	U	ug/m3	N	4.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	Tetrachloroethene	8	J	ug/m3	Y	4.6
KAFB-106133-450	SV133-450-212	4/6/2021	N	Xylenes, total	200		ug/m3	Y	9.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Ethyl acetate	250		ug/m3	Y	19
KAFB-106133-450	SV133-450-212	4/6/2021	N	n-Heptane	810		ug/m3	Y	5.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	m- & p-Xylenes	110		ug/m3	Y	9.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Carbon tetrachloride	< 11	U	ug/m3	N	5
KAFB-106133-450	SV133-450-212	4/6/2021	N	2-Hexanone	< 11	U	ug/m3	N	4.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Ethanol	2300		ug/m3	Y	25
KAFB-106133-450	SV133-450-212	4/6/2021	N	Isopropyl alcohol	41	J	ug/m3	Y	15
KAFB-106133-450	SV133-450-212	4/6/2021	N	Acetone	< 180	U	ug/m3	N	80
KAFB-106133-450	SV133-450-212	4/6/2021	N	Chloroform	< 11	U	ug/m3	N	4.8
KAFB-106133-450	SV133-450-212	4/6/2021	N	Benzene	2100		ug/m3	Y	5.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	Chloromethane	17	J	ug/m3	Y	5.8
KAFB-106133-450	SV133-450-212	4/6/2021	N	Chloroethane	< 21	U	ug/m3	N	4.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Vinyl chloride	< 11	U	ug/m3	N	3.8
KAFB-106133-450	SV133-450-212	4/6/2021	N	Methylene chloride	130		ug/m3	Y	10
KAFB-106133-450	SV133-450-212	4/6/2021	N	Carbon disulfide	94		ug/m3	Y	11
KAFB-106133-450	SV133-450-212	4/6/2021	N	Bromoform	< 21	U	ug/m3	N	7.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Bromodichloromethane	< 11	U	ug/m3	N	5.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,1-Dichloroethane	< 22	U	ug/m3	N	5.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	Trichlorofluoromethane	10	J	ug/m3	Y	5.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Dichlorodifluoromethane	20	J	ug/m3	Y	5.8
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 11	U	ug/m3	N	5.1
KAFB-106133-450	SV133-450-212	4/6/2021	N	2-Butanone	150		ug/m3	Y	7.4
KAFB-106133-450	SV133-450-212	4/6/2021	N	Trichloroethene	200		ug/m3	Y	4.8
KAFB-106133-450	SV133-450-212	4/6/2021	N	Naphthalene	< 21	U	ug/m3	N	8.7
KAFB-106133-450	SV133-450-212	4/6/2021	N	o-Xylene	81		ug/m3	Y	5.2
KAFB-106133-450	SV133-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	13	J	ug/m3	Y	5
KAFB-106136-025	SV136-025-212	4/6/2021	N	Ethylbenzene	< 1.3	U	ug/m3	N	0.57
KAFB-106136-025	SV136-025-212	4/6/2021	N	Styrene	< 2.4	U	ug/m3	N	0.66
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,2-Dibromoethane	< 1.3	U	ug/m3	N	0.47
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,3-Butadiene	< 2.4	U	ug/m3	N	0.67
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,2-Dichloroethane	< 1.3	U	ug/m3	N	0.45
KAFB-106136-025	SV136-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.3	U	ug/m3	N	0.56
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.3	U	ug/m3	N	0.59
KAFB-106136-025	SV136-025-212	4/6/2021	N	Toluene	1.4	J	ug/m3	Y	0.5
KAFB-106136-025	SV136-025-212	4/6/2021	N	Tetrahydrofuran	< 1.3	U	ug/m3	N	0.51
KAFB-106136-025	SV136-025-212	4/6/2021	N	Hexane	< 2.4	U	ug/m3	N	0.84
KAFB-106136-025	SV136-025-212	4/6/2021	N	Cyclohexane	< 2.6	U	ug/m3	N	1.1
KAFB-106136-025	SV136-025-212	4/6/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.99
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.4	U	ug/m3	N	0.99

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,4-Dioxane	< 1.3	U	ug/m3	N	0.48
KAFB-106136-025	SV136-025-212	4/6/2021	N	Dibromochloromethane	< 1.3	U	ug/m3	N	0.53
KAFB-106136-025	SV136-025-212	4/6/2021	N	Tetrachloroethene	< 1.3	U	ug/m3	N	0.53
KAFB-106136-025	SV136-025-212	4/6/2021	N	Xylenes, total	1.2	J	ug/m3	Y	1.1
KAFB-106136-025	SV136-025-212	4/6/2021	N	Ethyl acetate	< 5	U	ug/m3	N	2.1
KAFB-106136-025	SV136-025-212	4/6/2021	N	n-Heptane	< 2.4	U	ug/m3	N	0.65
KAFB-106136-025	SV136-025-212	4/6/2021	N	m- & p-Xylenes	1.2	J	ug/m3	Y	1.1
KAFB-106136-025	SV136-025-212	4/6/2021	N	Carbon tetrachloride	< 1.3	U	ug/m3	N	0.56
KAFB-106136-025	SV136-025-212	4/6/2021	N	2-Hexanone	2.7	J	ug/m3	Y	0.5
KAFB-106136-025	SV136-025-212	4/6/2021	N	Ethanol	17	J	ug/m3	Y	2.8
KAFB-106136-025	SV136-025-212	4/6/2021	N	Isopropyl alcohol	2.3	J	ug/m3	Y	1.7
KAFB-106136-025	SV136-025-212	4/6/2021	N	Acetone	37	J	ug/m3	Y	9.2
KAFB-106136-025	SV136-025-212	4/6/2021	N	Chloroform	5.8		ug/m3	Y	0.54
KAFB-106136-025	SV136-025-212	4/6/2021	N	Benzene	0.79	J	ug/m3	Y	0.59
KAFB-106136-025	SV136-025-212	4/6/2021	N	Chloromethane	< 2.4	U	ug/m3	N	0.66
KAFB-106136-025	SV136-025-212	4/6/2021	N	Chloroethane	< 2.4	U	ug/m3	N	0.5
KAFB-106136-025	SV136-025-212	4/6/2021	N	Vinyl chloride	< 1.3	U	ug/m3	N	0.43
KAFB-106136-025	SV136-025-212	4/6/2021	N	Methylene chloride	< 2.4	U	ug/m3	N	1.1
KAFB-106136-025	SV136-025-212	4/6/2021	N	Carbon disulfide	< 4.1	U	ug/m3	N	1.2
KAFB-106136-025	SV136-025-212	4/6/2021	N	Bromoform	< 2.4	U	ug/m3	N	0.84
KAFB-106136-025	SV136-025-212	4/6/2021	N	Bromodichloromethane	1.4	J	ug/m3	Y	0.59
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,1-Dichloroethane	< 2.5	U	ug/m3	N	0.59
KAFB-106136-025	SV136-025-212	4/6/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.62
KAFB-106136-025	SV136-025-212	4/6/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.66
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.3	U	ug/m3	N	0.58
KAFB-106136-025	SV136-025-212	4/6/2021	N	2-Butanone	9.6		ug/m3	Y	0.84
KAFB-106136-025	SV136-025-212	4/6/2021	N	Trichloroethene	< 1.3	U	ug/m3	N	0.55
KAFB-106136-025	SV136-025-212	4/6/2021	N	Naphthalene	1.4	J	ug/m3	Y	0.99
KAFB-106136-025	SV136-025-212	4/6/2021	N	o-Xylene	< 1.3	U	ug/m3	N	0.59
KAFB-106136-025	SV136-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.5	J	ug/m3	Y	0.56
KAFB-106136-050	SV136-050-212	4/6/2021	N	Ethylbenzene	< 1.7	U	ug/m3	N	0.74
KAFB-106136-050	SV136-050-212	4/6/2021	N	Styrene	< 3.2	U	ug/m3	N	0.85
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,2-Dibromoethane	< 1.7	U	ug/m3	N	0.61
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,3-Butadiene	< 3.2	U	ug/m3	N	0.87
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,2-Dichloroethane	< 1.7	U	ug/m3	N	0.58
KAFB-106136-050	SV136-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.7	U	ug/m3	N	0.72
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.7	U	ug/m3	N	0.76
KAFB-106136-050	SV136-050-212	4/6/2021	N	Toluene	1.5	J	ug/m3	Y	0.64
KAFB-106136-050	SV136-050-212	4/6/2021	N	Tetrahydrofuran	< 1.7	U	ug/m3	N	0.66
KAFB-106136-050	SV136-050-212	4/6/2021	N	Hexane	< 3.2	U	ug/m3	N	1.1
KAFB-106136-050	SV136-050-212	4/6/2021	N	Cyclohexane	< 3.4	U	ug/m3	N	1.5
KAFB-106136-050	SV136-050-212	4/6/2021	N	Propylene (propene)	< 3.2	U	ug/m3	N	1.3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 3.2	U	ug/m3	N	1.3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,4-Dioxane	< 1.7	U	ug/m3	N	0.62
KAFB-106136-050	SV136-050-212	4/6/2021	N	Dibromochloromethane	< 1.7	U	ug/m3	N	0.69
KAFB-106136-050	SV136-050-212	4/6/2021	N	Tetrachloroethene	< 1.7	U	ug/m3	N	0.68
KAFB-106136-050	SV136-050-212	4/6/2021	N	Xylenes, total	1.5	J	ug/m3	Y	1.4
KAFB-106136-050	SV136-050-212	4/6/2021	N	Ethyl acetate	< 6.4	U	ug/m3	N	2.8
KAFB-106136-050	SV136-050-212	4/6/2021	N	n-Heptane	< 3.2	U	ug/m3	N	0.84
KAFB-106136-050	SV136-050-212	4/6/2021	N	m- & p-Xylenes	1.5	J	ug/m3	Y	1.4
KAFB-106136-050	SV136-050-212	4/6/2021	N	Carbon tetrachloride	< 1.7	U	ug/m3	N	0.73
KAFB-106136-050	SV136-050-212	4/6/2021	N	2-Hexanone	< 1.7	U	ug/m3	N	0.65
KAFB-106136-050	SV136-050-212	4/6/2021	N	Ethanol	15	J	ug/m3	Y	3.7
KAFB-106136-050	SV136-050-212	4/6/2021	N	Isopropyl alcohol	< 6.2	U	ug/m3	N	2.2
KAFB-106136-050	SV136-050-212	4/6/2021	N	Acetone	15	J	ug/m3	Y	12

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106136-050	SV136-050-212	4/6/2021	N	Chloroform	7.1		ug/m3	Y	0.7
KAFB-106136-050	SV136-050-212	4/6/2021	N	Benzene	< 1.7	U	ug/m3	N	0.76
KAFB-106136-050	SV136-050-212	4/6/2021	N	Chloromethane	< 3.2	U	ug/m3	N	0.85
KAFB-106136-050	SV136-050-212	4/6/2021	N	Chloroethane	< 3.2	U	ug/m3	N	0.65
KAFB-106136-050	SV136-050-212	4/6/2021	N	Vinyl chloride	< 1.7	U	ug/m3	N	0.56
KAFB-106136-050	SV136-050-212	4/6/2021	N	Methylene chloride	< 3.2	U	ug/m3	N	1.5
KAFB-106136-050	SV136-050-212	4/6/2021	N	Carbon disulfide	< 5.3	U	ug/m3	N	1.6
KAFB-106136-050	SV136-050-212	4/6/2021	N	Bromoform	< 3.2	U	ug/m3	N	1.1
KAFB-106136-050	SV136-050-212	4/6/2021	N	Bromodichloromethane	1.9	J	ug/m3	Y	0.76
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,1-Dichloroethane	< 3.3	U	ug/m3	N	0.77
KAFB-106136-050	SV136-050-212	4/6/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.8
KAFB-106136-050	SV136-050-212	4/6/2021	N	Dichlorodifluoromethane	2.6	J	ug/m3	Y	0.86
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.7	U	ug/m3	N	0.75
KAFB-106136-050	SV136-050-212	4/6/2021	N	2-Butanone	1.8	J	ug/m3	Y	1.1
KAFB-106136-050	SV136-050-212	4/6/2021	N	Trichloroethene	< 1.7	U	ug/m3	N	0.71
KAFB-106136-050	SV136-050-212	4/6/2021	N	Naphthalene	3.2	J	ug/m3	Y	1.3
KAFB-106136-050	SV136-050-212	4/6/2021	N	o-Xylene	< 1.7	U	ug/m3	N	0.76
KAFB-106136-050	SV136-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	2	J	ug/m3	Y	0.73
KAFB-106136-150	SV136-150-212	4/6/2021	N	Ethylbenzene	< 1.1	U	ug/m3	N	0.48
KAFB-106136-150	SV136-150-212	4/6/2021	N	Styrene	< 2.1	U	ug/m3	N	0.55
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,2-Dibromoethane	< 1.1	U	ug/m3	N	0.4
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,3-Butadiene	< 2.1	U	ug/m3	N	0.57
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,2-Dichloroethane	< 1.1	U	ug/m3	N	0.38
KAFB-106136-150	SV136-150-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.1	U	ug/m3	N	0.47
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.1	U	ug/m3	N	0.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	Toluene	1	J	ug/m3	Y	0.42
KAFB-106136-150	SV136-150-212	4/6/2021	N	Tetrahydrofuran	1.6	J	ug/m3	Y	0.43
KAFB-106136-150	SV136-150-212	4/6/2021	N	Hexane	< 2.1	U	ug/m3	N	0.71
KAFB-106136-150	SV136-150-212	4/6/2021	N	Cyclohexane	< 2.2	U	ug/m3	N	0.97
KAFB-106136-150	SV136-150-212	4/6/2021	N	Propylene (propene)	1.1	J	ug/m3	Y	0.84
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.1	U	ug/m3	N	0.84
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,4-Dioxane	< 1.1	U	ug/m3	N	0.41
KAFB-106136-150	SV136-150-212	4/6/2021	N	Dibromochloromethane	< 1.1	U	ug/m3	N	0.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	Tetrachloroethene	0.7	J	ug/m3	Y	0.45
KAFB-106136-150	SV136-150-212	4/6/2021	N	Xylenes, total	1.2	J	ug/m3	Y	0.9
KAFB-106136-150	SV136-150-212	4/6/2021	N	Ethyl acetate	< 4.2	U	ug/m3	N	1.8
KAFB-106136-150	SV136-150-212	4/6/2021	N	n-Heptane	< 2.1	U	ug/m3	N	0.55
KAFB-106136-150	SV136-150-212	4/6/2021	N	m- & p-Xylenes	1.2	J	ug/m3	Y	0.9
KAFB-106136-150	SV136-150-212	4/6/2021	N	Carbon tetrachloride	2	J	ug/m3	Y	0.48
KAFB-106136-150	SV136-150-212	4/6/2021	N	2-Hexanone	1.1	J	ug/m3	Y	0.43
KAFB-106136-150	SV136-150-212	4/6/2021	N	Ethanol	7.3	J	ug/m3	Y	2.4
KAFB-106136-150	SV136-150-212	4/6/2021	N	Isopropyl alcohol	< 4.1	U	ug/m3	N	1.4
KAFB-106136-150	SV136-150-212	4/6/2021	N	Acetone	31	J	ug/m3	Y	7.7
KAFB-106136-150	SV136-150-212	4/6/2021	N	Chloroform	1.2	J	ug/m3	Y	0.46
KAFB-106136-150	SV136-150-212	4/6/2021	N	Benzene	< 1.1	U	ug/m3	N	0.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	Chloromethane	< 2.1	U	ug/m3	N	0.55
KAFB-106136-150	SV136-150-212	4/6/2021	N	Chloroethane	< 2.1	U	ug/m3	N	0.43
KAFB-106136-150	SV136-150-212	4/6/2021	N	Vinyl chloride	< 1.1	U	ug/m3	N	0.37
KAFB-106136-150	SV136-150-212	4/6/2021	N	Methylene chloride	< 2.1	U	ug/m3	N	0.97
KAFB-106136-150	SV136-150-212	4/6/2021	N	Carbon disulfide	5.8	J	ug/m3	Y	1
KAFB-106136-150	SV136-150-212	4/6/2021	N	Bromoform	< 2.1	U	ug/m3	N	0.71
KAFB-106136-150	SV136-150-212	4/6/2021	N	Bromodichloromethane	< 1.1	U	ug/m3	N	0.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,1-Dichloroethane	< 2.1	U	ug/m3	N	0.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	Trichlorofluoromethane	2.5	J	ug/m3	Y	0.52
KAFB-106136-150	SV136-150-212	4/6/2021	N	Dichlorodifluoromethane	3	J	ug/m3	Y	0.56

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.94	J	ug/m3	Y	0.49
KAFB-106136-150	SV136-150-212	4/6/2021	N	2-Butanone	5.7	J	ug/m3	Y	0.71
KAFB-106136-150	SV136-150-212	4/6/2021	N	Trichloroethene	< 1.1	U	ug/m3	N	0.46
KAFB-106136-150	SV136-150-212	4/6/2021	N	Naphthalene	1.5	J	ug/m3	Y	0.84
KAFB-106136-150	SV136-150-212	4/6/2021	N	o-Xylene	< 1.1	U	ug/m3	N	0.5
KAFB-106136-150	SV136-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.8	J	ug/m3	Y	0.48
KAFB-106136-250	SV136-250-212	4/6/2021	N	Ethylbenzene	< 1	U	ug/m3	N	0.46
KAFB-106136-250	SV136-250-212	4/6/2021	N	Styrene	< 2	U	ug/m3	N	0.53
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,2-Dibromoethane	< 1	U	ug/m3	N	0.38
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,3-Butadiene	< 2	U	ug/m3	N	0.54
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,2-Dichloroethane	< 1	U	ug/m3	N	0.36
KAFB-106136-250	SV136-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 1	U	ug/m3	N	0.45
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1	U	ug/m3	N	0.48
KAFB-106136-250	SV136-250-212	4/6/2021	N	Toluene	0.95	J	ug/m3	Y	0.4
KAFB-106136-250	SV136-250-212	4/6/2021	N	Tetrahydrofuran	1.9	J	ug/m3	Y	0.41
KAFB-106136-250	SV136-250-212	4/6/2021	N	Hexane	< 2	U	ug/m3	N	0.68
KAFB-106136-250	SV136-250-212	4/6/2021	N	Cyclohexane	< 2.1	U	ug/m3	N	0.93
KAFB-106136-250	SV136-250-212	4/6/2021	N	Propylene (propene)	< 2	U	ug/m3	N	0.8
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2	U	ug/m3	N	0.8
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,4-Dioxane	< 1	U	ug/m3	N	0.39
KAFB-106136-250	SV136-250-212	4/6/2021	N	Dibromochloromethane	< 1	U	ug/m3	N	0.43
KAFB-106136-250	SV136-250-212	4/6/2021	N	Tetrachloroethene	0.85	J	ug/m3	Y	0.43
KAFB-106136-250	SV136-250-212	4/6/2021	N	Xylenes, total	1.2	J	ug/m3	Y	0.86
KAFB-106136-250	SV136-250-212	4/6/2021	N	Ethyl acetate	< 4	U	ug/m3	N	1.7
KAFB-106136-250	SV136-250-212	4/6/2021	N	n-Heptane	< 2	U	ug/m3	N	0.52
KAFB-106136-250	SV136-250-212	4/6/2021	N	m- & p-Xylenes	1.2	J	ug/m3	Y	0.86
KAFB-106136-250	SV136-250-212	4/6/2021	N	Carbon tetrachloride	3.1	J	ug/m3	Y	0.46
KAFB-106136-250	SV136-250-212	4/6/2021	N	2-Hexanone	< 1	U	ug/m3	N	0.41
KAFB-106136-250	SV136-250-212	4/6/2021	N	Ethanol	5.5	J	ug/m3	Y	2.3
KAFB-106136-250	SV136-250-212	4/6/2021	N	Isopropyl alcohol	< 3.9	U	ug/m3	N	1.4
KAFB-106136-250	SV136-250-212	4/6/2021	N	Acetone	8.2	J	ug/m3	Y	7.4
KAFB-106136-250	SV136-250-212	4/6/2021	N	Chloroform	< 1	U	ug/m3	N	0.44
KAFB-106136-250	SV136-250-212	4/6/2021	N	Benzene	< 1	U	ug/m3	N	0.48
KAFB-106136-250	SV136-250-212	4/6/2021	N	Chloromethane	< 2	U	ug/m3	N	0.53
KAFB-106136-250	SV136-250-212	4/6/2021	N	Chloroethane	< 2	U	ug/m3	N	0.41
KAFB-106136-250	SV136-250-212	4/6/2021	N	Vinyl chloride	< 1	U	ug/m3	N	0.35
KAFB-106136-250	SV136-250-212	4/6/2021	N	Methylene chloride	< 2	U	ug/m3	N	0.93
KAFB-106136-250	SV136-250-212	4/6/2021	N	Carbon disulfide	4.6	J	ug/m3	Y	0.99
KAFB-106136-250	SV136-250-212	4/6/2021	N	Bromoform	< 2	U	ug/m3	N	0.68
KAFB-106136-250	SV136-250-212	4/6/2021	N	Bromodichloromethane	< 1	U	ug/m3	N	0.48
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,1-Dichloroethane	< 2	U	ug/m3	N	0.48
KAFB-106136-250	SV136-250-212	4/6/2021	N	Trichlorofluoromethane	2.7	J	ug/m3	Y	0.5
KAFB-106136-250	SV136-250-212	4/6/2021	N	Dichlorodifluoromethane	2.5	J	ug/m3	Y	0.54
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	J	ug/m3	Y	0.47
KAFB-106136-250	SV136-250-212	4/6/2021	N	2-Butanone	1.6	J	ug/m3	Y	0.68
KAFB-106136-250	SV136-250-212	4/6/2021	N	Trichloroethene	< 1	U	ug/m3	N	0.44
KAFB-106136-250	SV136-250-212	4/6/2021	N	Naphthalene	2.5	J	ug/m3	Y	0.8
KAFB-106136-250	SV136-250-212	4/6/2021	N	o-Xylene	< 1	U	ug/m3	N	0.48
KAFB-106136-250	SV136-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.8	J	ug/m3	Y	0.46
KAFB-106136-350	SV136-350-212	4/6/2021	N	Ethylbenzene	< 1.1	U	ug/m3	N	0.49
KAFB-106136-350	SV136-350-212	4/6/2021	N	Styrene	< 2.1	U	ug/m3	N	0.57
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,2-Dibromoethane	< 1.1	U	ug/m3	N	0.41
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,3-Butadiene	< 2.1	U	ug/m3	N	0.58
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,2-Dichloroethane	< 1.1	U	ug/m3	N	0.39
KAFB-106136-350	SV136-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.1	U	ug/m3	N	0.48

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.1	U	ug/m3	N	0.51
KAFB-106136-350	SV136-350-212	4/6/2021	N	Toluene	0.83	J	ug/m3	Y	0.43
KAFB-106136-350	SV136-350-212	4/6/2021	N	Tetrahydrofuran	8.2		ug/m3	Y	0.44
KAFB-106136-350	SV136-350-212	4/6/2021	N	Hexane	< 2.1	U	ug/m3	N	0.72
KAFB-106136-350	SV136-350-212	4/6/2021	N	Cyclohexane	< 2.2	U	ug/m3	N	0.99
KAFB-106136-350	SV136-350-212	4/6/2021	N	Propylene (propene)	< 2.1	U	ug/m3	N	0.85
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.1	U	ug/m3	N	0.85
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,4-Dioxane	< 1.1	U	ug/m3	N	0.41
KAFB-106136-350	SV136-350-212	4/6/2021	N	Dibromochloromethane	< 1.1	U	ug/m3	N	0.46
KAFB-106136-350	SV136-350-212	4/6/2021	N	Tetrachloroethene	< 1.1	U	ug/m3	N	0.45
KAFB-106136-350	SV136-350-212	4/6/2021	N	Xylenes, total	< 2.2	U	ug/m3	N	0.92
KAFB-106136-350	SV136-350-212	4/6/2021	N	Ethyl acetate	< 4.3	U	ug/m3	N	1.8
KAFB-106136-350	SV136-350-212	4/6/2021	N	n-Heptane	< 2.1	U	ug/m3	N	0.56
KAFB-106136-350	SV136-350-212	4/6/2021	N	m- & p-Xylenes	< 2.2	U	ug/m3	N	0.92
KAFB-106136-350	SV136-350-212	4/6/2021	N	Carbon tetrachloride	1.6	J	ug/m3	Y	0.49
KAFB-106136-350	SV136-350-212	4/6/2021	N	2-Hexanone	0.76	J	ug/m3	Y	0.43
KAFB-106136-350	SV136-350-212	4/6/2021	N	Ethanol	11	J	ug/m3	Y	2.4
KAFB-106136-350	SV136-350-212	4/6/2021	N	Isopropyl alcohol	< 4.1	U	ug/m3	N	1.4
KAFB-106136-350	SV136-350-212	4/6/2021	N	Acetone	29	J	ug/m3	Y	7.9
KAFB-106136-350	SV136-350-212	4/6/2021	N	Chloroform	< 1.1	U	ug/m3	N	0.47
KAFB-106136-350	SV136-350-212	4/6/2021	N	Benzene	< 1.1	U	ug/m3	N	0.51
KAFB-106136-350	SV136-350-212	4/6/2021	N	Chloromethane	< 2.1	U	ug/m3	N	0.57
KAFB-106136-350	SV136-350-212	4/6/2021	N	Chloroethane	< 2.1	U	ug/m3	N	0.43
KAFB-106136-350	SV136-350-212	4/6/2021	N	Vinyl chloride	< 1.1	U	ug/m3	N	0.37
KAFB-106136-350	SV136-350-212	4/6/2021	N	Methylene chloride	< 2.1	U	ug/m3	N	0.99
KAFB-106136-350	SV136-350-212	4/6/2021	N	Carbon disulfide	6.3	J	ug/m3	Y	1.1
KAFB-106136-350	SV136-350-212	4/6/2021	N	Bromoform	< 2.1	U	ug/m3	N	0.72
KAFB-106136-350	SV136-350-212	4/6/2021	N	Bromodichloromethane	< 1.1	U	ug/m3	N	0.51
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,1-Dichloroethane	< 2.2	U	ug/m3	N	0.51
KAFB-106136-350	SV136-350-212	4/6/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.53
KAFB-106136-350	SV136-350-212	4/6/2021	N	Dichlorodifluoromethane	1.3	J	ug/m3	Y	0.57
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.1	U	ug/m3	N	0.5
KAFB-106136-350	SV136-350-212	4/6/2021	N	2-Butanone	4	J	ug/m3	Y	0.72
KAFB-106136-350	SV136-350-212	4/6/2021	N	Trichloroethene	0.75	J	ug/m3	Y	0.47
KAFB-106136-350	SV136-350-212	4/6/2021	N	Naphthalene	2.1	J	ug/m3	Y	0.85
KAFB-106136-350	SV136-350-212	4/6/2021	N	o-Xylene	< 1.1	U	ug/m3	N	0.51
KAFB-106136-350	SV136-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.4	J	ug/m3	Y	0.49
KAFB-106136-450	SV136-450-212	4/6/2021	N	Ethylbenzene	0.83	J	ug/m3	Y	0.61
KAFB-106136-450	SV136-450-212	4/6/2021	N	Styrene	< 2.6	U	ug/m3	N	0.7
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,2-Dibromoethane	< 1.4	U	ug/m3	N	0.51
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,3-Butadiene	0.84	J	ug/m3	Y	0.72
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,2-Dichloroethane	1.1	J	ug/m3	Y	0.48
KAFB-106136-450	SV136-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.4	U	ug/m3	N	0.59
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.4	U	ug/m3	N	0.63
KAFB-106136-450	SV136-450-212	4/6/2021	N	Toluene	8.7		ug/m3	Y	0.53
KAFB-106136-450	SV136-450-212	4/6/2021	N	Tetrahydrofuran	44		ug/m3	Y	0.55
KAFB-106136-450	SV136-450-212	4/6/2021	N	Hexane	3.1	J	ug/m3	Y	0.9
KAFB-106136-450	SV136-450-212	4/6/2021	N	Cyclohexane	< 2.8	U	ug/m3	N	1.2
KAFB-106136-450	SV136-450-212	4/6/2021	N	Propylene (propene)	< 2.6	U	ug/m3	N	1.1
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.6	U	ug/m3	N	1.1
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,4-Dioxane	0.55	J	ug/m3	Y	0.51
KAFB-106136-450	SV136-450-212	4/6/2021	N	Dibromochloromethane	< 1.4	U	ug/m3	N	0.57
KAFB-106136-450	SV136-450-212	4/6/2021	N	Tetrachloroethene	180		ug/m3	Y	0.56
KAFB-106136-450	SV136-450-212	4/6/2021	N	Xylenes, total	3.8	J	ug/m3	Y	1.1
KAFB-106136-450	SV136-450-212	4/6/2021	N	Ethyl acetate	2.9	J	ug/m3	Y	2.3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106136-450	SV136-450-212	4/6/2021	N	n-Heptane	1.4	J	ug/m3	Y	0.69
KAFB-106136-450	SV136-450-212	4/6/2021	N	m- & p-Xylenes	2.9	J	ug/m3	Y	1.1
KAFB-106136-450	SV136-450-212	4/6/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	0.6
KAFB-106136-450	SV136-450-212	4/6/2021	N	2-Hexanone	0.71	J	ug/m3	Y	0.54
KAFB-106136-450	SV136-450-212	4/6/2021	N	Ethanol	96		ug/m3	Y	3
KAFB-106136-450	SV136-450-212	4/6/2021	N	Isopropyl alcohol	3.5	J	ug/m3	Y	1.8
KAFB-106136-450	SV136-450-212	4/6/2021	N	Acetone	81		ug/m3	Y	9.8
KAFB-106136-450	SV136-450-212	4/6/2021	N	Chloroform	< 1.4	U	ug/m3	N	0.58
KAFB-106136-450	SV136-450-212	4/6/2021	N	Benzene	4.2	J	ug/m3	Y	0.63
KAFB-106136-450	SV136-450-212	4/6/2021	N	Chloromethane	30		ug/m3	Y	0.7
KAFB-106136-450	SV136-450-212	4/6/2021	N	Chloroethane	4	J	ug/m3	Y	0.54
KAFB-106136-450	SV136-450-212	4/6/2021	N	Vinyl chloride	7.4		ug/m3	Y	0.46
KAFB-106136-450	SV136-450-212	4/6/2021	N	Methylene chloride	3.8	J	ug/m3	Y	1.2
KAFB-106136-450	SV136-450-212	4/6/2021	N	Carbon disulfide	140		ug/m3	Y	1.3
KAFB-106136-450	SV136-450-212	4/6/2021	N	Bromoform	< 2.6	U	ug/m3	N	0.9
KAFB-106136-450	SV136-450-212	4/6/2021	N	Bromodichloromethane	< 1.4	U	ug/m3	N	0.63
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,1-Dichloroethane	0.77	J	ug/m3	Y	0.64
KAFB-106136-450	SV136-450-212	4/6/2021	N	Trichlorofluoromethane	1.6	J	ug/m3	Y	0.66
KAFB-106136-450	SV136-450-212	4/6/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.71
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.4	U	ug/m3	N	0.62
KAFB-106136-450	SV136-450-212	4/6/2021	N	2-Butanone	7.6	J	ug/m3	Y	0.9
KAFB-106136-450	SV136-450-212	4/6/2021	N	Trichloroethene	< 1.4	U	ug/m3	N	0.59
KAFB-106136-450	SV136-450-212	4/6/2021	N	Naphthalene	1.4	J	ug/m3	Y	1.1
KAFB-106136-450	SV136-450-212	4/6/2021	N	o-Xylene	0.94	J	ug/m3	Y	0.63
KAFB-106136-450	SV136-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	2.1	J	ug/m3	Y	0.6
KAFB-106138-025	SV138-025-212	4/6/2021	N	Ethylbenzene	1.4	J	ug/m3	Y	0.55
KAFB-106138-025	SV138-025-212	4/6/2021	N	Styrene	< 2.3	U	ug/m3	N	0.63
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,2-Dibromoethane	< 1.2	U	ug/m3	N	0.45
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,3-Butadiene	< 2.3	U	ug/m3	N	0.64
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,2-Dichloroethane	< 1.2	U	ug/m3	N	0.43
KAFB-106138-025	SV138-025-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.2	U	ug/m3	N	0.53
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	2.1	J	ug/m3	Y	0.56
KAFB-106138-025	SV138-025-212	4/6/2021	N	Toluene	4.4		ug/m3	Y	0.47
KAFB-106138-025	SV138-025-212	4/6/2021	N	Tetrahydrofuran	0.54	J	ug/m3	Y	0.49
KAFB-106138-025	SV138-025-212	4/6/2021	N	Hexane	< 2.3	U	ug/m3	N	0.8
KAFB-106138-025	SV138-025-212	4/6/2021	N	Cyclohexane	< 2.5	U	ug/m3	N	1.1
KAFB-106138-025	SV138-025-212	4/6/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.95
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.3	U	ug/m3	N	0.95
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,4-Dioxane	< 1.2	U	ug/m3	N	0.46
KAFB-106138-025	SV138-025-212	4/6/2021	N	Dibromochloromethane	< 1.2	U	ug/m3	N	0.51
KAFB-106138-025	SV138-025-212	4/6/2021	N	Tetrachloroethene	< 1.2	U	ug/m3	N	0.5
KAFB-106138-025	SV138-025-212	4/6/2021	N	Xylenes, total	9.6		ug/m3	Y	1
KAFB-106138-025	SV138-025-212	4/6/2021	N	Ethyl acetate	< 4.7	U	ug/m3	N	2
KAFB-106138-025	SV138-025-212	4/6/2021	N	n-Heptane	0.73	J	ug/m3	Y	0.62
KAFB-106138-025	SV138-025-212	4/6/2021	N	m- & p-Xylenes	7.5		ug/m3	Y	1
KAFB-106138-025	SV138-025-212	4/6/2021	N	Carbon tetrachloride	< 1.2	U	ug/m3	N	0.54
KAFB-106138-025	SV138-025-212	4/6/2021	N	2-Hexanone	0.91	J	ug/m3	Y	0.48
KAFB-106138-025	SV138-025-212	4/6/2021	N	Ethanol	11	J	ug/m3	Y	2.7
KAFB-106138-025	SV138-025-212	4/6/2021	N	Isopropyl alcohol	< 4.6	U	ug/m3	N	1.6
KAFB-106138-025	SV138-025-212	4/6/2021	N	Acetone	17	J	ug/m3	Y	8.7
KAFB-106138-025	SV138-025-212	4/6/2021	N	Chloroform	0.61	J	ug/m3	Y	0.52
KAFB-106138-025	SV138-025-212	4/6/2021	N	Benzene	0.57	J	ug/m3	Y	0.56
KAFB-106138-025	SV138-025-212	4/6/2021	N	Chloromethane	1.4	J	ug/m3	Y	0.63
KAFB-106138-025	SV138-025-212	4/6/2021	N	Chloroethane	< 2.3	U	ug/m3	N	0.48
KAFB-106138-025	SV138-025-212	4/6/2021	N	Vinyl chloride	< 1.2	U	ug/m3	N	0.41

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106138-025	SV138-025-212	4/6/2021	N	Methylene chloride	< 2.3	U	ug/m3	N	1.1
KAFB-106138-025	SV138-025-212	4/6/2021	N	Carbon disulfide	29		ug/m3	Y	1.2
KAFB-106138-025	SV138-025-212	4/6/2021	N	Bromoform	< 2.3	U	ug/m3	N	0.8
KAFB-106138-025	SV138-025-212	4/6/2021	N	Bromodichloromethane	< 1.2	U	ug/m3	N	0.56
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,1-Dichloroethane	< 2.4	U	ug/m3	N	0.57
KAFB-106138-025	SV138-025-212	4/6/2021	N	Trichlorofluoromethane	9		ug/m3	Y	0.59
KAFB-106138-025	SV138-025-212	4/6/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.63
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.61	J	ug/m3	Y	0.55
KAFB-106138-025	SV138-025-212	4/6/2021	N	2-Butanone	3	J	ug/m3	Y	0.8
KAFB-106138-025	SV138-025-212	4/6/2021	N	Trichloroethene	< 1.2	U	ug/m3	N	0.52
KAFB-106138-025	SV138-025-212	4/6/2021	N	Naphthalene	9.4		ug/m3	Y	0.95
KAFB-106138-025	SV138-025-212	4/6/2021	N	o-Xylene	2.1	J	ug/m3	Y	0.56
KAFB-106138-025	SV138-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.54
KAFB-106138-050	SV138-050-212	4/6/2021	N	Ethylbenzene	< 1.3	U	ug/m3	N	0.56
KAFB-106138-050	SV138-050-212	4/6/2021	N	Styrene	< 2.4	U	ug/m3	N	0.64
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,2-Dibromoethane	< 1.3	U	ug/m3	N	0.46
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,3-Butadiene	< 2.4	U	ug/m3	N	0.65
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,2-Dichloroethane	< 1.3	U	ug/m3	N	0.44
KAFB-106138-050	SV138-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 1.3	U	ug/m3	N	0.54
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 1.3	U	ug/m3	N	0.57
KAFB-106138-050	SV138-050-212	4/6/2021	N	Toluene	1.3	J	ug/m3	Y	0.48
KAFB-106138-050	SV138-050-212	4/6/2021	N	Tetrahydrofuran	< 1.3	U	ug/m3	N	0.5
KAFB-106138-050	SV138-050-212	4/6/2021	N	Hexane	< 2.4	U	ug/m3	N	0.81
KAFB-106138-050	SV138-050-212	4/6/2021	N	Cyclohexane	< 2.5	U	ug/m3	N	1.1
KAFB-106138-050	SV138-050-212	4/6/2021	N	Propylene (propene)	1.6	J	ug/m3	Y	0.96
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 2.4	U	ug/m3	N	0.96
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,4-Dioxane	0.93	J	ug/m3	Y	0.47
KAFB-106138-050	SV138-050-212	4/6/2021	N	Dibromochloromethane	< 1.3	U	ug/m3	N	0.52
KAFB-106138-050	SV138-050-212	4/6/2021	N	Tetrachloroethene	1.9	J	ug/m3	Y	0.51
KAFB-106138-050	SV138-050-212	4/6/2021	N	Xylenes, total	1.5	J	ug/m3	Y	1
KAFB-106138-050	SV138-050-212	4/6/2021	N	Ethyl acetate	< 4.8	U	ug/m3	N	2.1
KAFB-106138-050	SV138-050-212	4/6/2021	N	n-Heptane	< 2.4	U	ug/m3	N	0.63
KAFB-106138-050	SV138-050-212	4/6/2021	N	m- & p-Xylenes	1.5	J	ug/m3	Y	1
KAFB-106138-050	SV138-050-212	4/6/2021	N	Carbon tetrachloride	< 1.3	U	ug/m3	N	0.55
KAFB-106138-050	SV138-050-212	4/6/2021	N	2-Hexanone	< 1.3	U	ug/m3	N	0.49
KAFB-106138-050	SV138-050-212	4/6/2021	N	Ethanol	12	J	ug/m3	Y	2.7
KAFB-106138-050	SV138-050-212	4/6/2021	N	Isopropyl alcohol	< 4.7	U	ug/m3	N	1.6
KAFB-106138-050	SV138-050-212	4/6/2021	N	Acetone	33	J	ug/m3	Y	8.9
KAFB-106138-050	SV138-050-212	4/6/2021	N	Chloroform	< 1.3	U	ug/m3	N	0.53
KAFB-106138-050	SV138-050-212	4/6/2021	N	Benzene	0.58	J	ug/m3	Y	0.57
KAFB-106138-050	SV138-050-212	4/6/2021	N	Chloromethane	< 2.4	U	ug/m3	N	0.64
KAFB-106138-050	SV138-050-212	4/6/2021	N	Chloroethane	< 2.4	U	ug/m3	N	0.49
KAFB-106138-050	SV138-050-212	4/6/2021	N	Vinyl chloride	< 1.3	U	ug/m3	N	0.42
KAFB-106138-050	SV138-050-212	4/6/2021	N	Methylene chloride	< 2.4	U	ug/m3	N	1.1
KAFB-106138-050	SV138-050-212	4/6/2021	N	Carbon disulfide	27		ug/m3	Y	1.2
KAFB-106138-050	SV138-050-212	4/6/2021	N	Bromoform	< 2.4	U	ug/m3	N	0.81
KAFB-106138-050	SV138-050-212	4/6/2021	N	Bromodichloromethane	< 1.3	U	ug/m3	N	0.57
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,1-Dichloroethane	< 2.4	U	ug/m3	N	0.58
KAFB-106138-050	SV138-050-212	4/6/2021	N	Trichlorofluoromethane	14		ug/m3	Y	0.6
KAFB-106138-050	SV138-050-212	4/6/2021	N	Dichlorodifluoromethane	3	J	ug/m3	Y	0.64
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.76	J	ug/m3	Y	0.56
KAFB-106138-050	SV138-050-212	4/6/2021	N	2-Butanone	2.3	J	ug/m3	Y	0.81
KAFB-106138-050	SV138-050-212	4/6/2021	N	Trichloroethene	1	J	ug/m3	Y	0.53
KAFB-106138-050	SV138-050-212	4/6/2021	N	Naphthalene	< 2.3	U	ug/m3	N	0.96
KAFB-106138-050	SV138-050-212	4/6/2021	N	o-Xylene	< 1.3	U	ug/m3	N	0.57

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106138-050	SV138-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.9	J	ug/m3	Y	0.55
KAFB-106109-025	SV109-025-212	4/13/2021	N	Ethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106109-025	SV109-025-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.39
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.4
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106109-025	SV109-025-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.77	U	ug/m3	N	0.33
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.77	U	ug/m3	N	0.35
KAFB-106109-025	SV109-025-212	4/13/2021	N	Toluene	1	J	ug/m3	Y	0.29
KAFB-106109-025	SV109-025-212	4/13/2021	N	Tetrahydrofuran	< 0.77	U	ug/m3	N	0.3
KAFB-106109-025	SV109-025-212	4/13/2021	N	Hexane	< 1.4	U	ug/m3	N	0.5
KAFB-106109-025	SV109-025-212	4/13/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.68
KAFB-106109-025	SV109-025-212	4/13/2021	N	Propylene (propene)	0.82	J	ug/m3	Y	0.59
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.59
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.29
KAFB-106109-025	SV109-025-212	4/13/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106109-025	SV109-025-212	4/13/2021	N	Tetrachloroethene	0.68	J	ug/m3	Y	0.31
KAFB-106109-025	SV109-025-212	4/13/2021	N	Xylenes, total	0.67	J	ug/m3	Y	0.63
KAFB-106109-025	SV109-025-212	4/13/2021	N	Ethyl acetate	4	J	ug/m3	Y	1.3
KAFB-106109-025	SV109-025-212	4/13/2021	N	n-Heptane	< 1.4	U	ug/m3	N	0.38
KAFB-106109-025	SV109-025-212	4/13/2021	N	m- & p-Xylenes	0.67	J	ug/m3	Y	0.63
KAFB-106109-025	SV109-025-212	4/13/2021	N	Carbon tetrachloride	< 0.77	U	ug/m3	N	0.33
KAFB-106109-025	SV109-025-212	4/13/2021	N	2-Hexanone	0.49	J	ug/m3	Y	0.3
KAFB-106109-025	SV109-025-212	4/13/2021	N	Ethanol	14	J	ug/m3	Y	1.7
KAFB-106109-025	SV109-025-212	4/13/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106109-025	SV109-025-212	4/13/2021	N	Acetone	14	J	ug/m3	Y	5.4
KAFB-106109-025	SV109-025-212	4/13/2021	N	Chloroform	< 0.77	U	ug/m3	N	0.32
KAFB-106109-025	SV109-025-212	4/13/2021	N	Benzene	0.4	J	ug/m3	Y	0.35
KAFB-106109-025	SV109-025-212	4/13/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.39
KAFB-106109-025	SV109-025-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106109-025	SV109-025-212	4/13/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106109-025	SV109-025-212	4/13/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.68
KAFB-106109-025	SV109-025-212	4/13/2021	N	Carbon disulfide	< 2.4	U	ug/m3	N	0.72
KAFB-106109-025	SV109-025-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.5
KAFB-106109-025	SV109-025-212	4/13/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106109-025	SV109-025-212	4/13/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.37
KAFB-106109-025	SV109-025-212	4/13/2021	N	Dichlorodifluoromethane	2.3	J	ug/m3	Y	0.39
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	6.3		ug/m3	Y	0.34
KAFB-106109-025	SV109-025-212	4/13/2021	N	2-Butanone	3.2	J	ug/m3	Y	0.5
KAFB-106109-025	SV109-025-212	4/13/2021	N	Trichloroethene	0.34	J	ug/m3	Y	0.33
KAFB-106109-025	SV109-025-212	4/13/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106109-025	SV109-025-212	4/13/2021	N	o-Xylene	< 0.77	U	ug/m3	N	0.35
KAFB-106109-025	SV109-025-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.77	U	ug/m3	N	0.33
KAFB-106109-050	SV109-050-212	4/13/2021	N	Ethylbenzene	< 0.77	U	ug/m3	N	0.34
KAFB-106109-050	SV109-050-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106109-050	SV109-050-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.77	U	ug/m3	N	0.33
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.77	U	ug/m3	N	0.35
KAFB-106109-050	SV109-050-212	4/13/2021	N	Toluene	1.1	J	ug/m3	Y	0.3
KAFB-106109-050	SV109-050-212	4/13/2021	N	Tetrahydrofuran	< 0.77	U	ug/m3	N	0.3
KAFB-106109-050	SV109-050-212	4/13/2021	N	Hexane	< 1.5	U	ug/m3	N	0.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.68

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106109-050	SV109-050-212	4/13/2021	N	Propylene (propene)	0.71	J	ug/m3	Y	0.59
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.29
KAFB-106109-050	SV109-050-212	4/13/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106109-050	SV109-050-212	4/13/2021	N	Tetrachloroethene	0.38	J	ug/m3	Y	0.31
KAFB-106109-050	SV109-050-212	4/13/2021	N	Xylenes, total	0.82	J	ug/m3	Y	0.64
KAFB-106109-050	SV109-050-212	4/13/2021	N	Ethyl acetate	3.7	J	ug/m3	Y	1.3
KAFB-106109-050	SV109-050-212	4/13/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.39
KAFB-106109-050	SV109-050-212	4/13/2021	N	m- & p-Xylenes	0.82	J	ug/m3	Y	0.64
KAFB-106109-050	SV109-050-212	4/13/2021	N	Carbon tetrachloride	0.97	J	ug/m3	Y	0.34
KAFB-106109-050	SV109-050-212	4/13/2021	N	2-Hexanone	< 0.77	U	ug/m3	N	0.3
KAFB-106109-050	SV109-050-212	4/13/2021	N	Ethanol	3.8	J	ug/m3	Y	1.7
KAFB-106109-050	SV109-050-212	4/13/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106109-050	SV109-050-212	4/13/2021	N	Acetone	< 12	U	ug/m3	N	5.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	Chloroform	< 0.77	U	ug/m3	N	0.32
KAFB-106109-050	SV109-050-212	4/13/2021	N	Benzene	0.46	J	ug/m3	Y	0.35
KAFB-106109-050	SV109-050-212	4/13/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
KAFB-106109-050	SV109-050-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106109-050	SV109-050-212	4/13/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106109-050	SV109-050-212	4/13/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.68
KAFB-106109-050	SV109-050-212	4/13/2021	N	Carbon disulfide	0.98	J	ug/m3	Y	0.73
KAFB-106109-050	SV109-050-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106109-050	SV109-050-212	4/13/2021	N	Trichlorofluoromethane	1.9	J	ug/m3	Y	0.37
KAFB-106109-050	SV109-050-212	4/13/2021	N	Dichlorodifluoromethane	3.3		ug/m3	Y	0.4
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	23		ug/m3	Y	0.35
KAFB-106109-050	SV109-050-212	4/13/2021	N	2-Butanone	< 1.5	U	ug/m3	N	0.5
KAFB-106109-050	SV109-050-212	4/13/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.33
KAFB-106109-050	SV109-050-212	4/13/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106109-050	SV109-050-212	4/13/2021	N	o-Xylene	< 0.77	U	ug/m3	N	0.35
KAFB-106109-050	SV109-050-212	4/13/2021	N	1,2,4-Trimethylbenzene	0.38	J	ug/m3	Y	0.34
KAFB-106109-150	SV109-150-212	4/13/2021	N	Ethylbenzene	< 0.95	U	ug/m3	N	0.42
KAFB-106109-150	SV109-150-212	4/13/2021	N	Styrene	< 1.8	U	ug/m3	N	0.48
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,2-Dibromoethane	< 0.95	U	ug/m3	N	0.35
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.49
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,2-Dichloroethane	< 0.95	U	ug/m3	N	0.33
KAFB-106109-150	SV109-150-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.95	U	ug/m3	N	0.41
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.95	U	ug/m3	N	0.43
KAFB-106109-150	SV109-150-212	4/13/2021	N	Toluene	3.4		ug/m3	Y	0.36
KAFB-106109-150	SV109-150-212	4/13/2021	N	Tetrahydrofuran	1.4	J	ug/m3	Y	0.37
KAFB-106109-150	SV109-150-212	4/13/2021	N	Hexane	< 1.8	U	ug/m3	N	0.61
KAFB-106109-150	SV109-150-212	4/13/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.84
KAFB-106109-150	SV109-150-212	4/13/2021	N	Propylene (propene)	8		ug/m3	Y	0.72
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.72
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,4-Dioxane	< 0.95	U	ug/m3	N	0.35
KAFB-106109-150	SV109-150-212	4/13/2021	N	Dibromochloromethane	< 0.95	U	ug/m3	N	0.39
KAFB-106109-150	SV109-150-212	4/13/2021	N	Tetrachloroethene	15		ug/m3	Y	0.38
KAFB-106109-150	SV109-150-212	4/13/2021	N	Xylenes, total	< 1.9	U	ug/m3	N	0.78
KAFB-106109-150	SV109-150-212	4/13/2021	N	Ethyl acetate	140		ug/m3	Y	1.6
KAFB-106109-150	SV109-150-212	4/13/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.47
KAFB-106109-150	SV109-150-212	4/13/2021	N	m- & p-Xylenes	< 1.9	U	ug/m3	N	0.78
KAFB-106109-150	SV109-150-212	4/13/2021	N	Carbon tetrachloride	23		ug/m3	Y	0.41
KAFB-106109-150	SV109-150-212	4/13/2021	N	2-Hexanone	< 0.95	U	ug/m3	N	0.37
KAFB-106109-150	SV109-150-212	4/13/2021	N	Ethanol	34		ug/m3	Y	2.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106109-150	SV109-150-212	4/13/2021	N	Isopropyl alcohol	3.1	J	ug/m3	Y	1.2
KAFB-106109-150	SV109-150-212	4/13/2021	N	Acetone	8.5	J	ug/m3	Y	6.7
KAFB-106109-150	SV109-150-212	4/13/2021	N	Chloroform	0.82	J	ug/m3	Y	0.4
KAFB-106109-150	SV109-150-212	4/13/2021	N	Benzene	1.9	J	ug/m3	Y	0.43
KAFB-106109-150	SV109-150-212	4/13/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.48
KAFB-106109-150	SV109-150-212	4/13/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37
KAFB-106109-150	SV109-150-212	4/13/2021	N	Vinyl chloride	< 0.95	U	ug/m3	N	0.32
KAFB-106109-150	SV109-150-212	4/13/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.84
KAFB-106109-150	SV109-150-212	4/13/2021	N	Carbon disulfide	3.7	J	ug/m3	Y	0.89
KAFB-106109-150	SV109-150-212	4/13/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.61
KAFB-106109-150	SV109-150-212	4/13/2021	N	Bromodichloromethane	< 0.95	U	ug/m3	N	0.43
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.43
KAFB-106109-150	SV109-150-212	4/13/2021	N	Trichlorofluoromethane	4.2		ug/m3	Y	0.45
KAFB-106109-150	SV109-150-212	4/13/2021	N	Dichlorodifluoromethane	48		ug/m3	Y	0.49
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	140		ug/m3	Y	0.42
KAFB-106109-150	SV109-150-212	4/13/2021	N	2-Butanone	1.7	J	ug/m3	Y	0.61
KAFB-106109-150	SV109-150-212	4/13/2021	N	Trichloroethene	180		ug/m3	Y	0.4
KAFB-106109-150	SV109-150-212	4/13/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.72
KAFB-106109-150	SV109-150-212	4/13/2021	N	o-Xylene	< 0.95	U	ug/m3	N	0.43
KAFB-106109-150	SV109-150-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.95	U	ug/m3	N	0.41
KAFB-106109-250	SV109-250-212	4/13/2021	N	Ethylbenzene	< 0.7	U	ug/m3	N	0.31
KAFB-106109-250	SV109-250-212	4/13/2021	N	Styrene	< 1.3	U	ug/m3	N	0.35
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,2-Dibromoethane	< 0.7	U	ug/m3	N	0.26
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,3-Butadiene	< 1.3	U	ug/m3	N	0.36
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,2-Dichloroethane	< 0.7	U	ug/m3	N	0.24
KAFB-106109-250	SV109-250-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.7	U	ug/m3	N	0.3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.7	U	ug/m3	N	0.32
KAFB-106109-250	SV109-250-212	4/13/2021	N	Toluene	1.2	J	ug/m3	Y	0.27
KAFB-106109-250	SV109-250-212	4/13/2021	N	Tetrahydrofuran	2.3	J	ug/m3	Y	0.28
KAFB-106109-250	SV109-250-212	4/13/2021	N	Hexane	< 1.3	U	ug/m3	N	0.45
KAFB-106109-250	SV109-250-212	4/13/2021	N	Cyclohexane	1.4	J	ug/m3	Y	0.62
KAFB-106109-250	SV109-250-212	4/13/2021	N	Propylene (propene)	3.9		ug/m3	Y	0.54
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.3	U	ug/m3	N	0.54
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,4-Dioxane	< 0.7	U	ug/m3	N	0.26
KAFB-106109-250	SV109-250-212	4/13/2021	N	Dibromochloromethane	< 0.7	U	ug/m3	N	0.29
KAFB-106109-250	SV109-250-212	4/13/2021	N	Tetrachloroethene	13		ug/m3	Y	0.28
KAFB-106109-250	SV109-250-212	4/13/2021	N	Xylenes, total	1.2	J	ug/m3	Y	0.58
KAFB-106109-250	SV109-250-212	4/13/2021	N	Ethyl acetate	< 2.7	U	ug/m3	N	1.2
KAFB-106109-250	SV109-250-212	4/13/2021	N	n-Heptane	< 1.3	U	ug/m3	N	0.35
KAFB-106109-250	SV109-250-212	4/13/2021	N	m- & p-Xylenes	0.87	J	ug/m3	Y	0.58
KAFB-106109-250	SV109-250-212	4/13/2021	N	Carbon tetrachloride	29		ug/m3	Y	0.31
KAFB-106109-250	SV109-250-212	4/13/2021	N	2-Hexanone	0.88	J	ug/m3	Y	0.27
KAFB-106109-250	SV109-250-212	4/13/2021	N	Ethanol	24		ug/m3	Y	1.5
KAFB-106109-250	SV109-250-212	4/13/2021	N	Isopropyl alcohol	2.4	J	ug/m3	Y	0.91
KAFB-106109-250	SV109-250-212	4/13/2021	N	Acetone	< 11	U	ug/m3	N	5
KAFB-106109-250	SV109-250-212	4/13/2021	N	Chloroform	2.6		ug/m3	Y	0.29
KAFB-106109-250	SV109-250-212	4/13/2021	N	Benzene	2.4		ug/m3	Y	0.32
KAFB-106109-250	SV109-250-212	4/13/2021	N	Chloromethane	< 1.3	U	ug/m3	N	0.35
KAFB-106109-250	SV109-250-212	4/13/2021	N	Chloroethane	< 1.3	U	ug/m3	N	0.27
KAFB-106109-250	SV109-250-212	4/13/2021	N	Vinyl chloride	< 0.7	U	ug/m3	N	0.24
KAFB-106109-250	SV109-250-212	4/13/2021	N	Methylene chloride	< 1.3	U	ug/m3	N	0.62
KAFB-106109-250	SV109-250-212	4/13/2021	N	Carbon disulfide	2.4	J	ug/m3	Y	0.66
KAFB-106109-250	SV109-250-212	4/13/2021	N	Bromoform	< 1.3	U	ug/m3	N	0.45
KAFB-106109-250	SV109-250-212	4/13/2021	N	Bromodichloromethane	< 0.7	U	ug/m3	N	0.32
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106109-250	SV109-250-212	4/13/2021	N	Trichlorofluoromethane	3.3		ug/m3	Y	0.33
KAFB-106109-250	SV109-250-212	4/13/2021	N	Dichlorodifluoromethane	26		ug/m3	Y	0.36
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	250		ug/m3	Y	0.31
KAFB-106109-250	SV109-250-212	4/13/2021	N	2-Butanone	8.7		ug/m3	Y	0.45
KAFB-106109-250	SV109-250-212	4/13/2021	N	Trichloroethene	110		ug/m3	Y	0.3
KAFB-106109-250	SV109-250-212	4/13/2021	N	Naphthalene	0.77	J	ug/m3	Y	0.54
KAFB-106109-250	SV109-250-212	4/13/2021	N	o-Xylene	0.33	J	ug/m3	Y	0.32
KAFB-106109-250	SV109-250-212	4/13/2021	N	1,2,4-Trimethylbenzene	0.55	J	ug/m3	Y	0.31
KAFB-106109-350	SV109-350-212	4/13/2021	N	Ethylbenzene	< 0.93	U	ug/m3	N	0.41
KAFB-106109-350	SV109-350-212	4/13/2021	N	Styrene	< 1.7	U	ug/m3	N	0.47
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,2-Dibromoethane	< 0.93	U	ug/m3	N	0.34
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,2-Dichloroethane	< 0.93	U	ug/m3	N	0.32
KAFB-106109-350	SV109-350-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.93	U	ug/m3	N	0.4
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.93	U	ug/m3	N	0.42
KAFB-106109-350	SV109-350-212	4/13/2021	N	Toluene	1.4	J	ug/m3	Y	0.35
KAFB-106109-350	SV109-350-212	4/13/2021	N	Tetrahydrofuran	9		ug/m3	Y	0.37
KAFB-106109-350	SV109-350-212	4/13/2021	N	Hexane	0.66	J	ug/m3	Y	0.6
KAFB-106109-350	SV109-350-212	4/13/2021	N	Cyclohexane	6.3		ug/m3	Y	0.82
KAFB-106109-350	SV109-350-212	4/13/2021	N	Propylene (propene)	8.1		ug/m3	Y	0.71
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,2,4-Trichlorobenzene	0.84	J	ug/m3	Y	0.71
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,4-Dioxane	< 0.93	U	ug/m3	N	0.34
KAFB-106109-350	SV109-350-212	4/13/2021	N	Dibromochloromethane	< 0.93	U	ug/m3	N	0.38
KAFB-106109-350	SV109-350-212	4/13/2021	N	Tetrachloroethene	5		ug/m3	Y	0.38
KAFB-106109-350	SV109-350-212	4/13/2021	N	Xylenes, total	< 1.9	U	ug/m3	N	0.76
KAFB-106109-350	SV109-350-212	4/13/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106109-350	SV109-350-212	4/13/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.46
KAFB-106109-350	SV109-350-212	4/13/2021	N	m- & p-Xylenes	< 1.9	U	ug/m3	N	0.76
KAFB-106109-350	SV109-350-212	4/13/2021	N	Carbon tetrachloride	13		ug/m3	Y	0.4
KAFB-106109-350	SV109-350-212	4/13/2021	N	2-Hexanone	0.74	J	ug/m3	Y	0.36
KAFB-106109-350	SV109-350-212	4/13/2021	N	Ethanol	21	J	ug/m3	Y	2
KAFB-106109-350	SV109-350-212	4/13/2021	N	Isopropyl alcohol	9.9		ug/m3	Y	1.2
KAFB-106109-350	SV109-350-212	4/13/2021	N	Acetone	< 15	U	ug/m3	N	6.5
KAFB-106109-350	SV109-350-212	4/13/2021	N	Chloroform	2	J	ug/m3	Y	0.39
KAFB-106109-350	SV109-350-212	4/13/2021	N	Benzene	9.4		ug/m3	Y	0.42
KAFB-106109-350	SV109-350-212	4/13/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.47
KAFB-106109-350	SV109-350-212	4/13/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.36
KAFB-106109-350	SV109-350-212	4/13/2021	N	Vinyl chloride	< 0.93	U	ug/m3	N	0.31
KAFB-106109-350	SV109-350-212	4/13/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.82
KAFB-106109-350	SV109-350-212	4/13/2021	N	Carbon disulfide	9.4		ug/m3	Y	0.87
KAFB-106109-350	SV109-350-212	4/13/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.6
KAFB-106109-350	SV109-350-212	4/13/2021	N	Bromodichloromethane	< 0.93	U	ug/m3	N	0.42
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.43
KAFB-106109-350	SV109-350-212	4/13/2021	N	Trichlorofluoromethane	1.7	J	ug/m3	Y	0.44
KAFB-106109-350	SV109-350-212	4/13/2021	N	Dichlorodifluoromethane	15		ug/m3	Y	0.47
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	240		ug/m3	Y	0.41
KAFB-106109-350	SV109-350-212	4/13/2021	N	2-Butanone	8.1		ug/m3	Y	0.6
KAFB-106109-350	SV109-350-212	4/13/2021	N	Trichloroethene	120		ug/m3	Y	0.39
KAFB-106109-350	SV109-350-212	4/13/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.71
KAFB-106109-350	SV109-350-212	4/13/2021	N	o-Xylene	< 0.93	U	ug/m3	N	0.42
KAFB-106109-350	SV109-350-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.93	U	ug/m3	N	0.4
KAFB-106109-450	SV109-450-212	4/13/2021	N	Ethylbenzene	0.61	J	ug/m3	Y	0.37
KAFB-106109-450	SV109-450-212	4/13/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,2-Dibromoethane	< 0.83	U	ug/m3	N	0.3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,2-Dichloroethane	2.6		ug/m3	Y	0.29
KAFB-106109-450	SV109-450-212	4/13/2021	N	4-Methyl-2-pentanone	0.56	J	ug/m3	Y	0.36
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.83	U	ug/m3	N	0.38
KAFB-106109-450	SV109-450-212	4/13/2021	N	Toluene	14		ug/m3	Y	0.32
KAFB-106109-450	SV109-450-212	4/13/2021	N	Tetrahydrofuran	30		ug/m3	Y	0.33
KAFB-106109-450	SV109-450-212	4/13/2021	N	Hexane	1.4	J	ug/m3	Y	0.54
KAFB-106109-450	SV109-450-212	4/13/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106109-450	SV109-450-212	4/13/2021	N	Propylene (propene)	4.8		ug/m3	Y	0.64
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,4-Dioxane	< 0.83	U	ug/m3	N	0.31
KAFB-106109-450	SV109-450-212	4/13/2021	N	Dibromochloromethane	< 0.83	U	ug/m3	N	0.34
KAFB-106109-450	SV109-450-212	4/13/2021	N	Tetrachloroethene	0.98	J	ug/m3	Y	0.34
KAFB-106109-450	SV109-450-212	4/13/2021	N	Xylenes, total	3.1	J	ug/m3	Y	0.69
KAFB-106109-450	SV109-450-212	4/13/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106109-450	SV109-450-212	4/13/2021	N	n-Heptane	0.88	J	ug/m3	Y	0.42
KAFB-106109-450	SV109-450-212	4/13/2021	N	m- & p-Xylenes	2.3	J	ug/m3	Y	0.69
KAFB-106109-450	SV109-450-212	4/13/2021	N	Carbon tetrachloride	1.3	J	ug/m3	Y	0.36
KAFB-106109-450	SV109-450-212	4/13/2021	N	2-Hexanone	0.57	J	ug/m3	Y	0.32
KAFB-106109-450	SV109-450-212	4/13/2021	N	Ethanol	44		ug/m3	Y	1.8
KAFB-106109-450	SV109-450-212	4/13/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106109-450	SV109-450-212	4/13/2021	N	Acetone	30		ug/m3	Y	5.9
KAFB-106109-450	SV109-450-212	4/13/2021	N	Chloroform	0.47	J	ug/m3	Y	0.35
KAFB-106109-450	SV109-450-212	4/13/2021	N	Benzene	6.1		ug/m3	Y	0.38
KAFB-106109-450	SV109-450-212	4/13/2021	N	Chloromethane	14		ug/m3	Y	0.42
KAFB-106109-450	SV109-450-212	4/13/2021	N	Chloroethane	6		ug/m3	Y	0.32
KAFB-106109-450	SV109-450-212	4/13/2021	N	Vinyl chloride	7.9		ug/m3	Y	0.28
KAFB-106109-450	SV109-450-212	4/13/2021	N	Methylene chloride	1.6	J	ug/m3	Y	0.74
KAFB-106109-450	SV109-450-212	4/13/2021	N	Carbon disulfide	91		ug/m3	Y	0.78
KAFB-106109-450	SV109-450-212	4/13/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106109-450	SV109-450-212	4/13/2021	N	Bromodichloromethane	< 0.83	U	ug/m3	N	0.38
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,1-Dichloroethane	4.6		ug/m3	Y	0.38
KAFB-106109-450	SV109-450-212	4/13/2021	N	Trichlorofluoromethane	0.71	J	ug/m3	Y	0.4
KAFB-106109-450	SV109-450-212	4/13/2021	N	Dichlorodifluoromethane	2.8		ug/m3	Y	0.43
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	21		ug/m3	Y	0.37
KAFB-106109-450	SV109-450-212	4/13/2021	N	2-Butanone	3.6	J	ug/m3	Y	0.54
KAFB-106109-450	SV109-450-212	4/13/2021	N	Trichloroethene	13		ug/m3	Y	0.35
KAFB-106109-450	SV109-450-212	4/13/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106109-450	SV109-450-212	4/13/2021	N	o-Xylene	0.77	J	ug/m3	Y	0.38
KAFB-106109-450	SV109-450-212	4/13/2021	N	1,2,4-Trimethylbenzene	0.56	J	ug/m3	Y	0.36
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Ethylbenzene	0.44	J	ug/m3	Y	0.32
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,3-Butadiene	0.44	J	ug/m3	Y	0.38
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,2-Dichloroethane	2.8		ug/m3	Y	0.26
KAFB-106109-450	SV109-450-612	4/13/2021	FD	4-Methyl-2-pentanone	0.67	J	ug/m3	Y	0.32
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,3,5-Trimethylbenzene	< 0.74	U	ug/m3	N	0.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Toluene	15		ug/m3	Y	0.28
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Tetrahydrofuran	48		ug/m3	Y	0.29
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Hexane	1.2	J	ug/m3	Y	0.48
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Cyclohexane	0.8	J	ug/m3	Y	0.65
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Propylene (propene)	4.6		ug/m3	Y	0.56
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,4-Dioxane	< 0.74	U	ug/m3	N	0.27
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Dibromochloromethane	< 0.74	U	ug/m3	N	0.3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Tetrachloroethene	0.93	J	ug/m3	Y	0.3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Xylenes, total	2.1	J	ug/m3	Y	0.61
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Ethyl acetate	58		ug/m3	Y	1.2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	n-Heptane	0.72	J	ug/m3	Y	0.37
KAFB-106109-450	SV109-450-612	4/13/2021	FD	m- & p-Xylenes	1.6	J	ug/m3	Y	0.61
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Carbon tetrachloride	1.8	J	ug/m3	Y	0.32
KAFB-106109-450	SV109-450-612	4/13/2021	FD	2-Hexanone	0.67	J	ug/m3	Y	0.29
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Ethanol	6	J	ug/m3	Y	1.6
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Isopropyl alcohol	< 2.7	U	ug/m3	N	0.95
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Acetone	20	J	ug/m3	Y	5.2
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Chloroform	0.44	J	ug/m3	Y	0.31
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Benzene	6.4		ug/m3	Y	0.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Chloromethane	18		ug/m3	Y	0.37
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Chloroethane	6.7		ug/m3	Y	0.29
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Vinyl chloride	8.6		ug/m3	Y	0.25
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Methylene chloride	< 1.4	U	ug/m3	N	0.65
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Carbon disulfide	98		ug/m3	Y	0.69
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Bromodichloromethane	< 0.74	U	ug/m3	N	0.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,1-Dichloroethane	5		ug/m3	Y	0.34
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Trichlorofluoromethane	0.38	J	ug/m3	Y	0.35
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Dichlorodifluoromethane	2.2	J	ug/m3	Y	0.38
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	23		ug/m3	Y	0.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	2-Butanone	5.8		ug/m3	Y	0.48
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Trichloroethene	16		ug/m3	Y	0.31
KAFB-106109-450	SV109-450-612	4/13/2021	FD	Naphthalene	< 1.3	U	ug/m3	N	0.56
KAFB-106109-450	SV109-450-612	4/13/2021	FD	o-Xylene	0.49	J	ug/m3	Y	0.33
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1,2,4-Trimethylbenzene	0.39	J	ug/m3	Y	0.32
KAFB-106110-025	SV110-025-212	4/13/2021	N	Ethylbenzene	< 0.87	U	ug/m3	N	0.38
KAFB-106110-025	SV110-025-212	4/13/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,2-Dibromoethane	< 0.87	U	ug/m3	N	0.32
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,2-Dichloroethane	< 0.87	U	ug/m3	N	0.3
KAFB-106110-025	SV110-025-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.87	U	ug/m3	N	0.37
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.87	U	ug/m3	N	0.39
KAFB-106110-025	SV110-025-212	4/13/2021	N	Toluene	4.7		ug/m3	Y	0.33
KAFB-106110-025	SV110-025-212	4/13/2021	N	Tetrahydrofuran	1.5	J	ug/m3	Y	0.34
KAFB-106110-025	SV110-025-212	4/13/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106110-025	SV110-025-212	4/13/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.77
KAFB-106110-025	SV110-025-212	4/13/2021	N	Propylene (propene)	2.3	J	ug/m3	Y	0.66
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,4-Dioxane	0.65	J	ug/m3	Y	0.32
KAFB-106110-025	SV110-025-212	4/13/2021	N	Dibromochloromethane	< 0.87	U	ug/m3	N	0.36
KAFB-106110-025	SV110-025-212	4/13/2021	N	Tetrachloroethene	2.1	J	ug/m3	Y	0.35
KAFB-106110-025	SV110-025-212	4/13/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.71
KAFB-106110-025	SV110-025-212	4/13/2021	N	Ethyl acetate	260		ug/m3	Y	1.4
KAFB-106110-025	SV110-025-212	4/13/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106110-025	SV110-025-212	4/13/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.71
KAFB-106110-025	SV110-025-212	4/13/2021	N	Carbon tetrachloride	7.4		ug/m3	Y	0.38
KAFB-106110-025	SV110-025-212	4/13/2021	N	2-Hexanone	0.89	J	ug/m3	Y	0.34
KAFB-106110-025	SV110-025-212	4/13/2021	N	Ethanol	16	J	ug/m3	Y	1.9
KAFB-106110-025	SV110-025-212	4/13/2021	N	Isopropyl alcohol	3.9	J	ug/m3	Y	1.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	Acetone	18	J	ug/m3	Y	6.1
KAFB-106110-025	SV110-025-212	4/13/2021	N	Chloroform	< 0.87	U	ug/m3	N	0.36
KAFB-106110-025	SV110-025-212	4/13/2021	N	Benzene	1.1	J	ug/m3	Y	0.39
KAFB-106110-025	SV110-025-212	4/13/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.44

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106110-025	SV110-025-212	4/13/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.34
KAFB-106110-025	SV110-025-212	4/13/2021	N	Vinyl chloride	< 0.87	U	ug/m3	N	0.29
KAFB-106110-025	SV110-025-212	4/13/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.77
KAFB-106110-025	SV110-025-212	4/13/2021	N	Carbon disulfide	3.8	J	ug/m3	Y	0.82
KAFB-106110-025	SV110-025-212	4/13/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106110-025	SV110-025-212	4/13/2021	N	Bromodichloromethane	< 0.87	U	ug/m3	N	0.39
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106110-025	SV110-025-212	4/13/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.41
KAFB-106110-025	SV110-025-212	4/13/2021	N	Dichlorodifluoromethane	5.2		ug/m3	Y	0.44
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	9.7		ug/m3	Y	0.39
KAFB-106110-025	SV110-025-212	4/13/2021	N	2-Butanone	3.8	J	ug/m3	Y	0.56
KAFB-106110-025	SV110-025-212	4/13/2021	N	Trichloroethene	0.86	J	ug/m3	Y	0.37
KAFB-106110-025	SV110-025-212	4/13/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106110-025	SV110-025-212	4/13/2021	N	o-Xylene	< 0.87	U	ug/m3	N	0.39
KAFB-106110-025	SV110-025-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.87	U	ug/m3	N	0.38
KAFB-106110-050	SV110-050-212	4/13/2021	N	Ethylbenzene	< 0.73	U	ug/m3	N	0.32
KAFB-106110-050	SV110-050-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,2-Dibromoethane	< 0.73	U	ug/m3	N	0.27
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,2-Dichloroethane	< 0.73	U	ug/m3	N	0.25
KAFB-106110-050	SV110-050-212	4/13/2021	N	4-Methyl-2-pentanone	0.41	J	ug/m3	Y	0.31
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.73	U	ug/m3	N	0.33
KAFB-106110-050	SV110-050-212	4/13/2021	N	Toluene	6.2		ug/m3	Y	0.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	Tetrahydrofuran	2.6	J	ug/m3	Y	0.29
KAFB-106110-050	SV110-050-212	4/13/2021	N	Hexane	1.4	J	ug/m3	Y	0.47
KAFB-106110-050	SV110-050-212	4/13/2021	N	Cyclohexane	1.5	J	ug/m3	Y	0.64
KAFB-106110-050	SV110-050-212	4/13/2021	N	Propylene (propene)	4.5		ug/m3	Y	0.56
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,4-Dioxane	< 0.73	U	ug/m3	N	0.27
KAFB-106110-050	SV110-050-212	4/13/2021	N	Dibromochloromethane	< 0.73	U	ug/m3	N	0.3
KAFB-106110-050	SV110-050-212	4/13/2021	N	Tetrachloroethene	3		ug/m3	Y	0.29
KAFB-106110-050	SV110-050-212	4/13/2021	N	Xylenes, total	0.74	J	ug/m3	Y	0.6
KAFB-106110-050	SV110-050-212	4/13/2021	N	Ethyl acetate	250		ug/m3	Y	1.2
KAFB-106110-050	SV110-050-212	4/13/2021	N	n-Heptane	0.62	J	ug/m3	Y	0.36
KAFB-106110-050	SV110-050-212	4/13/2021	N	m- & p-Xylenes	0.74	J	ug/m3	Y	0.6
KAFB-106110-050	SV110-050-212	4/13/2021	N	Carbon tetrachloride	23		ug/m3	Y	0.32
KAFB-106110-050	SV110-050-212	4/13/2021	N	2-Hexanone	1	J	ug/m3	Y	0.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	Ethanol	24		ug/m3	Y	1.6
KAFB-106110-050	SV110-050-212	4/13/2021	N	Isopropyl alcohol	8.5		ug/m3	Y	0.94
KAFB-106110-050	SV110-050-212	4/13/2021	N	Acetone	29		ug/m3	Y	5.1
KAFB-106110-050	SV110-050-212	4/13/2021	N	Chloroform	0.48	J	ug/m3	Y	0.3
KAFB-106110-050	SV110-050-212	4/13/2021	N	Benzene	1.2	J	ug/m3	Y	0.33
KAFB-106110-050	SV110-050-212	4/13/2021	N	Chloromethane	0.82	J	ug/m3	Y	0.37
KAFB-106110-050	SV110-050-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106110-050	SV110-050-212	4/13/2021	N	Vinyl chloride	< 0.73	U	ug/m3	N	0.24
KAFB-106110-050	SV110-050-212	4/13/2021	N	Methylene chloride	1.6	J	ug/m3	Y	0.64
KAFB-106110-050	SV110-050-212	4/13/2021	N	Carbon disulfide	8.7		ug/m3	Y	0.68
KAFB-106110-050	SV110-050-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106110-050	SV110-050-212	4/13/2021	N	Bromodichloromethane	< 0.73	U	ug/m3	N	0.33
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106110-050	SV110-050-212	4/13/2021	N	Trichlorofluoromethane	2.3		ug/m3	Y	0.35
KAFB-106110-050	SV110-050-212	4/13/2021	N	Dichlorodifluoromethane	13		ug/m3	Y	0.37
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	34		ug/m3	Y	0.32
KAFB-106110-050	SV110-050-212	4/13/2021	N	2-Butanone	4.3		ug/m3	Y	0.47
KAFB-106110-050	SV110-050-212	4/13/2021	N	Trichloroethene	< 0.73	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106110-050	SV110-050-212	4/13/2021	N	Naphthalene	< 1.3	U	ug/m3	N	0.56
KAFB-106110-050	SV110-050-212	4/13/2021	N	o-Xylene	< 0.73	U	ug/m3	N	0.33
KAFB-106110-050	SV110-050-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.73	U	ug/m3	N	0.32
KAFB-106110-150	SV110-150-212	4/13/2021	N	Ethylbenzene	< 360	U	ug/m3	N	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	Styrene	< 680	U	ug/m3	N	180
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,2-Dibromoethane	< 360	U	ug/m3	N	130
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,3-Butadiene	< 680	U	ug/m3	N	190
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,2-Dichloroethane	< 360	U	ug/m3	N	120
KAFB-106110-150	SV110-150-212	4/13/2021	N	4-Methyl-2-pentanone	< 360	U	ug/m3	N	150
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 360	U	ug/m3	N	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	Toluene	640	J	ug/m3	Y	140
KAFB-106110-150	SV110-150-212	4/13/2021	N	Tetrahydrofuran	< 360	U	ug/m3	N	140
KAFB-106110-150	SV110-150-212	4/13/2021	N	Hexane	150000		ug/m3	Y	230
KAFB-106110-150	SV110-150-212	4/13/2021	N	Cyclohexane	230000		ug/m3	Y	320
KAFB-106110-150	SV110-150-212	4/13/2021	N	Propylene (propene)	3500		ug/m3	Y	270
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 680	U	ug/m3	N	270
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,4-Dioxane	< 360	U	ug/m3	N	130
KAFB-106110-150	SV110-150-212	4/13/2021	N	Dibromochloromethane	< 360	U	ug/m3	N	150
KAFB-106110-150	SV110-150-212	4/13/2021	N	Tetrachloroethene	430	J	ug/m3	Y	150
KAFB-106110-150	SV110-150-212	4/13/2021	N	Xylenes, total	350	J	ug/m3	Y	300
KAFB-106110-150	SV110-150-212	4/13/2021	N	Ethyl acetate	< 1400	U	ug/m3	N	590
KAFB-106110-150	SV110-150-212	4/13/2021	N	n-Heptane	34000		ug/m3	Y	180
KAFB-106110-150	SV110-150-212	4/13/2021	N	m- & p-Xylenes	< 720	U	ug/m3	N	300
KAFB-106110-150	SV110-150-212	4/13/2021	N	Carbon tetrachloride	< 360	U	ug/m3	N	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	2-Hexanone	< 360	U	ug/m3	N	140
KAFB-106110-150	SV110-150-212	4/13/2021	N	Ethanol	1900	J	ug/m3	Y	780
KAFB-106110-150	SV110-150-212	4/13/2021	N	Isopropyl alcohol	< 1300	U	ug/m3	N	460
KAFB-106110-150	SV110-150-212	4/13/2021	N	Acetone	< 5700	U	ug/m3	N	2500
KAFB-106110-150	SV110-150-212	4/13/2021	N	Chloroform	< 360	U	ug/m3	N	150
KAFB-106110-150	SV110-150-212	4/13/2021	N	Benzene	6700		ug/m3	Y	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	Chloromethane	< 680	U	ug/m3	N	180
KAFB-106110-150	SV110-150-212	4/13/2021	N	Chloroethane	< 680	U	ug/m3	N	140
KAFB-106110-150	SV110-150-212	4/13/2021	N	Vinyl chloride	< 360	U	ug/m3	N	120
KAFB-106110-150	SV110-150-212	4/13/2021	N	Methylene chloride	< 680	U	ug/m3	N	320
KAFB-106110-150	SV110-150-212	4/13/2021	N	Carbon disulfide	< 1100	U	ug/m3	N	340
KAFB-106110-150	SV110-150-212	4/13/2021	N	Bromoform	< 680	U	ug/m3	N	230
KAFB-106110-150	SV110-150-212	4/13/2021	N	Bromodichloromethane	< 360	U	ug/m3	N	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,1-Dichloroethane	< 700	U	ug/m3	N	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	Trichlorofluoromethane	< 680	U	ug/m3	N	170
KAFB-106110-150	SV110-150-212	4/13/2021	N	Dichlorodifluoromethane	< 680	U	ug/m3	N	180
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 360	U	ug/m3	N	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	2-Butanone	< 680	U	ug/m3	N	230
KAFB-106110-150	SV110-150-212	4/13/2021	N	Trichloroethene	180	J	ug/m3	Y	150
KAFB-106110-150	SV110-150-212	4/13/2021	N	Naphthalene	< 650	U	ug/m3	N	270
KAFB-106110-150	SV110-150-212	4/13/2021	N	o-Xylene	350	J	ug/m3	Y	160
KAFB-106110-150	SV110-150-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 360	U	ug/m3	N	160
KAFB-106110-250	SV110-250-212	4/13/2021	N	Ethylbenzene	< 2900	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	Styrene	< 5400	U	ug/m3	N	1500
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,2-Dibromoethane	< 2900	U	ug/m3	N	1100
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,3-Butadiene	< 5400	U	ug/m3	N	1500
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,2-Dichloroethane	< 2900	U	ug/m3	N	1000
KAFB-106110-250	SV110-250-212	4/13/2021	N	4-Methyl-2-pentanone	< 2900	U	ug/m3	N	1200
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 2900	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	Toluene	69000		ug/m3	Y	1100
KAFB-106110-250	SV110-250-212	4/13/2021	N	Tetrahydrofuran	< 2900	U	ug/m3	N	1100

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106110-250	SV110-250-212	4/13/2021	N	Hexane	1500000		ug/m3	Y	1900
KAFB-106110-250	SV110-250-212	4/13/2021	N	Cyclohexane	1200000		ug/m3	Y	2600
KAFB-106110-250	SV110-250-212	4/13/2021	N	Propylene (propene)	10000		ug/m3	Y	2200
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 5400	U	ug/m3	N	2200
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,4-Dioxane	< 2900	U	ug/m3	N	1100
KAFB-106110-250	SV110-250-212	4/13/2021	N	Dibromochloromethane	< 2900	U	ug/m3	N	1200
KAFB-106110-250	SV110-250-212	4/13/2021	N	Tetrachloroethene	2700	J	ug/m3	Y	1200
KAFB-106110-250	SV110-250-212	4/13/2021	N	Xylenes, total	20000		ug/m3	Y	2400
KAFB-106110-250	SV110-250-212	4/13/2021	N	Ethyl acetate	< 11000	U	ug/m3	N	4800
KAFB-106110-250	SV110-250-212	4/13/2021	N	n-Heptane	1200000		ug/m3	Y	1400
KAFB-106110-250	SV110-250-212	4/13/2021	N	m- & p-Xylenes	15000	J	ug/m3	Y	2400
KAFB-106110-250	SV110-250-212	4/13/2021	N	Carbon tetrachloride	< 2900	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	2-Hexanone	< 2900	U	ug/m3	N	1100
KAFB-106110-250	SV110-250-212	4/13/2021	N	Ethanol	9000	J	ug/m3	Y	6300
KAFB-106110-250	SV110-250-212	4/13/2021	N	Isopropyl alcohol	< 11000	U	ug/m3	N	3700
KAFB-106110-250	SV110-250-212	4/13/2021	N	Acetone	< 46000	U	ug/m3	N	20000
KAFB-106110-250	SV110-250-212	4/13/2021	N	Chloroform	< 2900	U	ug/m3	N	1200
KAFB-106110-250	SV110-250-212	4/13/2021	N	Benzene	93000		ug/m3	Y	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	Chloromethane	< 5400	U	ug/m3	N	1500
KAFB-106110-250	SV110-250-212	4/13/2021	N	Chloroethane	< 5400	U	ug/m3	N	1100
KAFB-106110-250	SV110-250-212	4/13/2021	N	Vinyl chloride	< 2900	U	ug/m3	N	970
KAFB-106110-250	SV110-250-212	4/13/2021	N	Methylene chloride	< 5400	U	ug/m3	N	2600
KAFB-106110-250	SV110-250-212	4/13/2021	N	Carbon disulfide	< 9200	U	ug/m3	N	2700
KAFB-106110-250	SV110-250-212	4/13/2021	N	Bromoform	< 5400	U	ug/m3	N	1900
KAFB-106110-250	SV110-250-212	4/13/2021	N	Bromodichloromethane	< 2900	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,1-Dichloroethane	< 5600	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	Trichlorofluoromethane	< 5400	U	ug/m3	N	1400
KAFB-106110-250	SV110-250-212	4/13/2021	N	Dichlorodifluoromethane	< 5400	U	ug/m3	N	1500
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2900	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	2-Butanone	< 5400	U	ug/m3	N	1900
KAFB-106110-250	SV110-250-212	4/13/2021	N	Trichloroethene	< 2900	U	ug/m3	N	1200
KAFB-106110-250	SV110-250-212	4/13/2021	N	Naphthalene	< 5300	U	ug/m3	N	2200
KAFB-106110-250	SV110-250-212	4/13/2021	N	o-Xylene	4900	J	ug/m3	Y	1300
KAFB-106110-250	SV110-250-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 2900	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Ethylbenzene	< 2000	U	ug/m3	N	880
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Styrene	< 3700	U	ug/m3	N	1000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,2-Dibromoethane	< 2000	U	ug/m3	N	720
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,3-Butadiene	< 3700	U	ug/m3	N	1000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,2-Dichloroethane	< 2000	U	ug/m3	N	690
KAFB-106110-250	SV110-250-612	4/13/2021	FD	4-Methyl-2-pentanone	< 2000	U	ug/m3	N	850
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,3,5-Trimethylbenzene	< 2000	U	ug/m3	N	900
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Toluene	60000		ug/m3	Y	760
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Tetrahydrofuran	< 2000	U	ug/m3	N	780
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Hexane	1200000		ug/m3	Y	1300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Cyclohexane	1000000		ug/m3	Y	1800
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Propylene (propene)	8200		ug/m3	Y	1500
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,2,4-Trichlorobenzene	< 3700	U	ug/m3	N	1500
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,4-Dioxane	< 2000	U	ug/m3	N	740
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Dibromochloromethane	< 2000	U	ug/m3	N	820
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Tetrachloroethene	1900	J	ug/m3	Y	810
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Xylenes, total	18000		ug/m3	Y	1600
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Ethyl acetate	< 7600	U	ug/m3	N	3300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	n-Heptane	1000000		ug/m3	Y	990
KAFB-106110-250	SV110-250-612	4/13/2021	FD	m- & p-Xylenes	13000		ug/m3	Y	1600
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Carbon tetrachloride	< 2000	U	ug/m3	N	860

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2-Hexanone	< 2000	U	ug/m3	N	770
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Ethanol	< 9700	U	ug/m3	N	4300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Isopropyl alcohol	< 7400	U	ug/m3	N	2600
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Acetone	< 32000	U	ug/m3	N	14000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Chloroform	< 2000	U	ug/m3	N	830
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Benzene	80000		ug/m3	Y	900
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Chloromethane	< 3700	U	ug/m3	N	1000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Chloroethane	< 3700	U	ug/m3	N	770
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Vinyl chloride	< 2000	U	ug/m3	N	670
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Methylene chloride	< 3700	U	ug/m3	N	1800
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Carbon disulfide	< 6300	U	ug/m3	N	1900
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Bromoform	< 3700	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Bromodichloromethane	< 2000	U	ug/m3	N	900
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,1-Dichloroethane	< 3900	U	ug/m3	N	910
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Trichlorofluoromethane	< 3700	U	ug/m3	N	950
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Dichlorodifluoromethane	< 3700	U	ug/m3	N	1000
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2000	U	ug/m3	N	890
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2-Butanone	< 3700	U	ug/m3	N	1300
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Trichloroethene	< 2000	U	ug/m3	N	840
KAFB-106110-250	SV110-250-612	4/13/2021	FD	Naphthalene	< 3600	U	ug/m3	N	1500
KAFB-106110-250	SV110-250-612	4/13/2021	FD	o-Xylene	4600	J	ug/m3	Y	900
KAFB-106110-250	SV110-250-612	4/13/2021	FD	1,2,4-Trimethylbenzene	< 2000	U	ug/m3	N	860
KAFB-106110-350	SV110-350-212	4/13/2021	N	Ethylbenzene	< 240	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	Styrene	< 450	U	ug/m3	N	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,2-Dibromoethane	< 240	U	ug/m3	N	87
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,3-Butadiene	< 450	U	ug/m3	N	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,2-Dichloroethane	< 240	U	ug/m3	N	83
KAFB-106110-350	SV110-350-212	4/13/2021	N	4-Methyl-2-pentanone	< 240	U	ug/m3	N	100
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 240	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	Toluene	310	J	ug/m3	Y	91
KAFB-106110-350	SV110-350-212	4/13/2021	N	Tetrahydrofuran	< 240	U	ug/m3	N	94
KAFB-106110-350	SV110-350-212	4/13/2021	N	Hexane	100000		ug/m3	Y	150
KAFB-106110-350	SV110-350-212	4/13/2021	N	Cyclohexane	150000		ug/m3	Y	210
KAFB-106110-350	SV110-350-212	4/13/2021	N	Propylene (propene)	1700		ug/m3	Y	180
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 450	U	ug/m3	N	180
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,4-Dioxane	< 240	U	ug/m3	N	89
KAFB-106110-350	SV110-350-212	4/13/2021	N	Dibromochloromethane	< 240	U	ug/m3	N	98
KAFB-106110-350	SV110-350-212	4/13/2021	N	Tetrachloroethene	240	J	ug/m3	Y	97
KAFB-106110-350	SV110-350-212	4/13/2021	N	Xylenes, total	< 480	U	ug/m3	N	200
KAFB-106110-350	SV110-350-212	4/13/2021	N	Ethyl acetate	< 910	U	ug/m3	N	390
KAFB-106110-350	SV110-350-212	4/13/2021	N	n-Heptane	6500		ug/m3	Y	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	m- & p-Xylenes	< 480	U	ug/m3	N	200
KAFB-106110-350	SV110-350-212	4/13/2021	N	Carbon tetrachloride	< 240	U	ug/m3	N	100
KAFB-106110-350	SV110-350-212	4/13/2021	N	2-Hexanone	< 240	U	ug/m3	N	93
KAFB-106110-350	SV110-350-212	4/13/2021	N	Ethanol	< 1200	U	ug/m3	N	520
KAFB-106110-350	SV110-350-212	4/13/2021	N	Isopropyl alcohol	< 890	U	ug/m3	N	310
KAFB-106110-350	SV110-350-212	4/13/2021	N	Acetone	< 3800	U	ug/m3	N	1700
KAFB-106110-350	SV110-350-212	4/13/2021	N	Chloroform	< 240	U	ug/m3	N	100
KAFB-106110-350	SV110-350-212	4/13/2021	N	Benzene	< 240	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	Chloromethane	< 450	U	ug/m3	N	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	Chloroethane	< 450	U	ug/m3	N	93
KAFB-106110-350	SV110-350-212	4/13/2021	N	Vinyl chloride	< 240	U	ug/m3	N	80
KAFB-106110-350	SV110-350-212	4/13/2021	N	Methylene chloride	< 450	U	ug/m3	N	210
KAFB-106110-350	SV110-350-212	4/13/2021	N	Carbon disulfide	< 760	U	ug/m3	N	230
KAFB-106110-350	SV110-350-212	4/13/2021	N	Bromoform	< 450	U	ug/m3	N	150

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106110-350	SV110-350-212	4/13/2021	N	Bromodichloromethane	< 240	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,1-Dichloroethane	< 460	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	Trichlorofluoromethane	< 450	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	Dichlorodifluoromethane	330	J	ug/m3	Y	120
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	220	J	ug/m3	Y	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	2-Butanone	< 450	U	ug/m3	N	150
KAFB-106110-350	SV110-350-212	4/13/2021	N	Trichloroethene	< 240	U	ug/m3	N	100
KAFB-106110-350	SV110-350-212	4/13/2021	N	Naphthalene	< 440	U	ug/m3	N	180
KAFB-106110-350	SV110-350-212	4/13/2021	N	o-Xylene	< 240	U	ug/m3	N	110
KAFB-106110-350	SV110-350-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 240	U	ug/m3	N	100
KAFB-106110-450	SV110-450-212	4/13/2021	N	Ethylbenzene	34	J	ug/m3	Y	9.4
KAFB-106110-450	SV110-450-212	4/13/2021	N	Styrene	< 40	U	ug/m3	N	11
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,2-Dibromoethane	< 21	U	ug/m3	N	7.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,3-Butadiene	< 40	U	ug/m3	N	11
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,2-Dichloroethane	< 21	U	ug/m3	N	7.4
KAFB-106110-450	SV110-450-212	4/13/2021	N	4-Methyl-2-pentanone	< 21	U	ug/m3	N	9.1
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 21	U	ug/m3	N	9.6
KAFB-106110-450	SV110-450-212	4/13/2021	N	Toluene	840		ug/m3	Y	8.1
KAFB-106110-450	SV110-450-212	4/13/2021	N	Tetrahydrofuran	71	J	ug/m3	Y	8.4
KAFB-106110-450	SV110-450-212	4/13/2021	N	Cyclohexane	11000		ug/m3	Y	19
KAFB-106110-450	SV110-450-212	4/13/2021	N	Propylene (propene)	190		ug/m3	Y	16
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 40	U	ug/m3	N	16
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,4-Dioxane	< 21	U	ug/m3	N	7.9
KAFB-106110-450	SV110-450-212	4/13/2021	N	Dibromochloromethane	< 21	U	ug/m3	N	8.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	Tetrachloroethene	< 21	U	ug/m3	N	8.6
KAFB-106110-450	SV110-450-212	4/13/2021	N	Xylenes, total	180		ug/m3	Y	17
KAFB-106110-450	SV110-450-212	4/13/2021	N	Ethyl acetate	< 81	U	ug/m3	N	35
KAFB-106110-450	SV110-450-212	4/13/2021	N	n-Heptane	10000		ug/m3	Y	11
KAFB-106110-450	SV110-450-212	4/13/2021	N	m- & p-Xylenes	150		ug/m3	Y	17
KAFB-106110-450	SV110-450-212	4/13/2021	N	Carbon tetrachloride	< 21	U	ug/m3	N	9.2
KAFB-106110-450	SV110-450-212	4/13/2021	N	2-Hexanone	< 21	U	ug/m3	N	8.2
KAFB-106110-450	SV110-450-212	4/13/2021	N	Ethanol	< 100	U	ug/m3	N	46
KAFB-106110-450	SV110-450-212	4/13/2021	N	Isopropyl alcohol	< 79	U	ug/m3	N	27
KAFB-106110-450	SV110-450-212	4/13/2021	N	Acetone	< 340	U	ug/m3	N	150
KAFB-106110-450	SV110-450-212	4/13/2021	N	Chloroform	< 21	U	ug/m3	N	8.9
KAFB-106110-450	SV110-450-212	4/13/2021	N	Benzene	560		ug/m3	Y	9.6
KAFB-106110-450	SV110-450-212	4/13/2021	N	Chloromethane	44	J	ug/m3	Y	11
KAFB-106110-450	SV110-450-212	4/13/2021	N	Chloroethane	< 40	U	ug/m3	N	8.2
KAFB-106110-450	SV110-450-212	4/13/2021	N	Vinyl chloride	8.2	J	ug/m3	Y	7.1
KAFB-106110-450	SV110-450-212	4/13/2021	N	Methylene chloride	< 40	U	ug/m3	N	19
KAFB-106110-450	SV110-450-212	4/13/2021	N	Carbon disulfide	250		ug/m3	Y	20
KAFB-106110-450	SV110-450-212	4/13/2021	N	Bromoform	< 40	U	ug/m3	N	14
KAFB-106110-450	SV110-450-212	4/13/2021	N	Bromodichloromethane	< 21	U	ug/m3	N	9.6
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,1-Dichloroethane	< 41	U	ug/m3	N	9.7
KAFB-106110-450	SV110-450-212	4/13/2021	N	Trichlorofluoromethane	< 40	U	ug/m3	N	10
KAFB-106110-450	SV110-450-212	4/13/2021	N	Dichlorodifluoromethane	41	J	ug/m3	Y	11
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	29	J	ug/m3	Y	9.5
KAFB-106110-450	SV110-450-212	4/13/2021	N	2-Butanone	< 40	U	ug/m3	N	14
KAFB-106110-450	SV110-450-212	4/13/2021	N	Trichloroethene	< 21	U	ug/m3	N	9
KAFB-106110-450	SV110-450-212	4/13/2021	N	Naphthalene	< 39	U	ug/m3	N	16
KAFB-106110-450	SV110-450-212	4/13/2021	N	o-Xylene	32	J	ug/m3	Y	9.6
KAFB-106110-450	SV110-450-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 21	U	ug/m3	N	9.2
KAFB-106110-450	SV110-450-212	4/13/2021	N	Hexane	13000		ug/m3	Y	41
KAFB-106113-020	SV113-020-212	4/13/2021	N	Ethylbenzene	3.2		ug/m3	Y	0.34
KAFB-106113-020	SV113-020-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,2-Dibromoethane	< 0.76	U	ug/m3	N	0.28
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,2-Dichloroethane	< 0.76	U	ug/m3	N	0.26
KAFB-106113-020	SV113-020-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.76	U	ug/m3	N	0.33
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,3,5-Trimethylbenzene	6.4		ug/m3	Y	0.34
KAFB-106113-020	SV113-020-212	4/13/2021	N	Toluene	3.8		ug/m3	Y	0.29
KAFB-106113-020	SV113-020-212	4/13/2021	N	Tetrahydrofuran	0.39	J	ug/m3	Y	0.3
KAFB-106113-020	SV113-020-212	4/13/2021	N	Hexane	6.2		ug/m3	Y	0.49
KAFB-106113-020	SV113-020-212	4/13/2021	N	Cyclohexane	4.6		ug/m3	Y	0.67
KAFB-106113-020	SV113-020-212	4/13/2021	N	Propylene (propene)	0.69	J	ug/m3	Y	0.58
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,4-Dioxane	< 0.76	U	ug/m3	N	0.28
KAFB-106113-020	SV113-020-212	4/13/2021	N	Dibromochloromethane	< 0.76	U	ug/m3	N	0.31
KAFB-106113-020	SV113-020-212	4/13/2021	N	Tetrachloroethene	1.8	J	ug/m3	Y	0.31
KAFB-106113-020	SV113-020-212	4/13/2021	N	Xylenes, total	24		ug/m3	Y	0.63
KAFB-106113-020	SV113-020-212	4/13/2021	N	Ethyl acetate	1.9	J	ug/m3	Y	1.3
KAFB-106113-020	SV113-020-212	4/13/2021	N	n-Heptane	5.1		ug/m3	Y	0.38
KAFB-106113-020	SV113-020-212	4/13/2021	N	m- & p-Xylenes	19		ug/m3	Y	0.63
KAFB-106113-020	SV113-020-212	4/13/2021	N	Carbon tetrachloride	2.6		ug/m3	Y	0.33
KAFB-106113-020	SV113-020-212	4/13/2021	N	2-Hexanone	< 0.76	U	ug/m3	N	0.3
KAFB-106113-020	SV113-020-212	4/13/2021	N	Ethanol	10	J	ug/m3	Y	1.7
KAFB-106113-020	SV113-020-212	4/13/2021	N	Isopropyl alcohol	< 2.8	U	ug/m3	N	0.98
KAFB-106113-020	SV113-020-212	4/13/2021	N	Acetone	10	J	ug/m3	Y	5.4
KAFB-106113-020	SV113-020-212	4/13/2021	N	Chloroform	1.2	J	ug/m3	Y	0.32
KAFB-106113-020	SV113-020-212	4/13/2021	N	Benzene	0.49	J	ug/m3	Y	0.34
KAFB-106113-020	SV113-020-212	4/13/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106113-020	SV113-020-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106113-020	SV113-020-212	4/13/2021	N	Vinyl chloride	< 0.76	U	ug/m3	N	0.26
KAFB-106113-020	SV113-020-212	4/13/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.67
KAFB-106113-020	SV113-020-212	4/13/2021	N	Carbon disulfide	1.7	J	ug/m3	Y	0.72
KAFB-106113-020	SV113-020-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106113-020	SV113-020-212	4/13/2021	N	Bromodichloromethane	< 0.76	U	ug/m3	N	0.34
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106113-020	SV113-020-212	4/13/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.36
KAFB-106113-020	SV113-020-212	4/13/2021	N	Dichlorodifluoromethane	4.9		ug/m3	Y	0.39
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	J	ug/m3	Y	0.34
KAFB-106113-020	SV113-020-212	4/13/2021	N	2-Butanone	2.7	J	ug/m3	Y	0.49
KAFB-106113-020	SV113-020-212	4/13/2021	N	Trichloroethene	< 0.76	U	ug/m3	N	0.32
KAFB-106113-020	SV113-020-212	4/13/2021	N	Naphthalene	9.5		ug/m3	Y	0.58
KAFB-106113-020	SV113-020-212	4/13/2021	N	o-Xylene	5.3		ug/m3	Y	0.34
KAFB-106113-020	SV113-020-212	4/13/2021	N	1,2,4-Trimethylbenzene	30		ug/m3	Y	0.33
KAFB-106113-050	SV113-050-212	4/13/2021	N	Ethylbenzene	0.62	J	ug/m3	Y	0.35
KAFB-106113-050	SV113-050-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106113-050	SV113-050-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,3,5-Trimethylbenzene	1.4	J	ug/m3	Y	0.36
KAFB-106113-050	SV113-050-212	4/13/2021	N	Toluene	0.9	J	ug/m3	Y	0.3
KAFB-106113-050	SV113-050-212	4/13/2021	N	Tetrahydrofuran	< 0.79	U	ug/m3	N	0.31
KAFB-106113-050	SV113-050-212	4/13/2021	N	Hexane	0.71	J	ug/m3	Y	0.51
KAFB-106113-050	SV113-050-212	4/13/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.7
KAFB-106113-050	SV113-050-212	4/13/2021	N	Propylene (propene)	47		ug/m3	Y	0.6
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106113-050	SV113-050-212	4/13/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.33
KAFB-106113-050	SV113-050-212	4/13/2021	N	Tetrachloroethene	3.1		ug/m3	Y	0.32
KAFB-106113-050	SV113-050-212	4/13/2021	N	Xylenes, total	4.6	J	ug/m3	Y	0.65
KAFB-106113-050	SV113-050-212	4/13/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106113-050	SV113-050-212	4/13/2021	N	n-Heptane	0.52	J	ug/m3	Y	0.4
KAFB-106113-050	SV113-050-212	4/13/2021	N	m- & p-Xylenes	3.6	J	ug/m3	Y	0.65
KAFB-106113-050	SV113-050-212	4/13/2021	N	Carbon tetrachloride	16		ug/m3	Y	0.34
KAFB-106113-050	SV113-050-212	4/13/2021	N	2-Hexanone	0.6	J	ug/m3	Y	0.31
KAFB-106113-050	SV113-050-212	4/13/2021	N	Ethanol	24	J	ug/m3	Y	1.7
KAFB-106113-050	SV113-050-212	4/13/2021	N	Isopropyl alcohol	150		ug/m3	Y	1
KAFB-106113-050	SV113-050-212	4/13/2021	N	Acetone	11	J	ug/m3	Y	5.6
KAFB-106113-050	SV113-050-212	4/13/2021	N	Chloroform	31		ug/m3	Y	0.33
KAFB-106113-050	SV113-050-212	4/13/2021	N	Benzene	< 0.79	U	ug/m3	N	0.36
KAFB-106113-050	SV113-050-212	4/13/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106113-050	SV113-050-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106113-050	SV113-050-212	4/13/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.27
KAFB-106113-050	SV113-050-212	4/13/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.7
KAFB-106113-050	SV113-050-212	4/13/2021	N	Carbon disulfide	< 2.5	U	ug/m3	N	0.74
KAFB-106113-050	SV113-050-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106113-050	SV113-050-212	4/13/2021	N	Bromodichloromethane	2.7		ug/m3	Y	0.36
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106113-050	SV113-050-212	4/13/2021	N	Trichlorofluoromethane	1.5	J	ug/m3	Y	0.38
KAFB-106113-050	SV113-050-212	4/13/2021	N	Dichlorodifluoromethane	11		ug/m3	Y	0.4
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	3.5		ug/m3	Y	0.35
KAFB-106113-050	SV113-050-212	4/13/2021	N	2-Butanone	6.5		ug/m3	Y	0.51
KAFB-106113-050	SV113-050-212	4/13/2021	N	Trichloroethene	< 0.79	U	ug/m3	N	0.33
KAFB-106113-050	SV113-050-212	4/13/2021	N	Naphthalene	2.3	J	ug/m3	Y	0.6
KAFB-106113-050	SV113-050-212	4/13/2021	N	o-Xylene	1	J	ug/m3	Y	0.36
KAFB-106113-050	SV113-050-212	4/13/2021	N	1,2,4-Trimethylbenzene	6.6		ug/m3	Y	0.34
KAFB-106113-150	SV113-150-212	4/13/2021	N	Ethylbenzene	0.57	J	ug/m3	Y	0.34
KAFB-106113-150	SV113-150-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.39
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.4
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106113-150	SV113-150-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.77	U	ug/m3	N	0.33
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,3,5-Trimethylbenzene	1.2	J	ug/m3	Y	0.35
KAFB-106113-150	SV113-150-212	4/13/2021	N	Toluene	1.4	J	ug/m3	Y	0.29
KAFB-106113-150	SV113-150-212	4/13/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.3
KAFB-106113-150	SV113-150-212	4/13/2021	N	Hexane	< 1.4	U	ug/m3	N	0.5
KAFB-106113-150	SV113-150-212	4/13/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.68
KAFB-106113-150	SV113-150-212	4/13/2021	N	Propylene (propene)	120		ug/m3	Y	0.59
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.59
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.29
KAFB-106113-150	SV113-150-212	4/13/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106113-150	SV113-150-212	4/13/2021	N	Tetrachloroethene	2.2	J	ug/m3	Y	0.31
KAFB-106113-150	SV113-150-212	4/13/2021	N	Xylenes, total	4.1	J	ug/m3	Y	0.63
KAFB-106113-150	SV113-150-212	4/13/2021	N	Ethyl acetate	1.4	J	ug/m3	Y	1.3
KAFB-106113-150	SV113-150-212	4/13/2021	N	n-Heptane	< 1.4	U	ug/m3	N	0.38
KAFB-106113-150	SV113-150-212	4/13/2021	N	m- & p-Xylenes	3.2	J	ug/m3	Y	0.63
KAFB-106113-150	SV113-150-212	4/13/2021	N	Carbon tetrachloride	19		ug/m3	Y	0.33
KAFB-106113-150	SV113-150-212	4/13/2021	N	2-Hexanone	0.57	J	ug/m3	Y	0.3
KAFB-106113-150	SV113-150-212	4/13/2021	N	Ethanol	29		ug/m3	Y	1.7
KAFB-106113-150	SV113-150-212	4/13/2021	N	Isopropyl alcohol	480		ug/m3	Y	1
KAFB-106113-150	SV113-150-212	4/13/2021	N	Acetone	16	J	ug/m3	Y	5.4
KAFB-106113-150	SV113-150-212	4/13/2021	N	Chloroform	3		ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106113-150	SV113-150-212	4/13/2021	N	Benzene	0.62	J	ug/m3	Y	0.35
KAFB-106113-150	SV113-150-212	4/13/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.39
KAFB-106113-150	SV113-150-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106113-150	SV113-150-212	4/13/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106113-150	SV113-150-212	4/13/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.68
KAFB-106113-150	SV113-150-212	4/13/2021	N	Carbon disulfide	13		ug/m3	Y	0.72
KAFB-106113-150	SV113-150-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.5
KAFB-106113-150	SV113-150-212	4/13/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106113-150	SV113-150-212	4/13/2021	N	Trichlorofluoromethane	1.6	J	ug/m3	Y	0.37
KAFB-106113-150	SV113-150-212	4/13/2021	N	Dichlorodifluoromethane	18		ug/m3	Y	0.39
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.6		ug/m3	Y	0.34
KAFB-106113-150	SV113-150-212	4/13/2021	N	2-Butanone	6.4		ug/m3	Y	0.5
KAFB-106113-150	SV113-150-212	4/13/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.33
KAFB-106113-150	SV113-150-212	4/13/2021	N	Naphthalene	1.8	J	ug/m3	Y	0.59
KAFB-106113-150	SV113-150-212	4/13/2021	N	o-Xylene	0.89	J	ug/m3	Y	0.35
KAFB-106113-150	SV113-150-212	4/13/2021	N	1,2,4-Trimethylbenzene	5.3		ug/m3	Y	0.33
KAFB-106113-250	SV113-250-212	4/13/2021	N	Ethylbenzene	0.66	J	ug/m3	Y	0.33
KAFB-106113-250	SV113-250-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
KAFB-106113-250	SV113-250-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,3,5-Trimethylbenzene	0.66	J	ug/m3	Y	0.34
KAFB-106113-250	SV113-250-212	4/13/2021	N	Toluene	4		ug/m3	Y	0.28
KAFB-106113-250	SV113-250-212	4/13/2021	N	Tetrahydrofuran	3.5	J	ug/m3	Y	0.29
KAFB-106113-250	SV113-250-212	4/13/2021	N	Hexane	0.52	J	ug/m3	Y	0.48
KAFB-106113-250	SV113-250-212	4/13/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.66
KAFB-106113-250	SV113-250-212	4/13/2021	N	Propylene (propene)	0.85	J	ug/m3	Y	0.57
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.28
KAFB-106113-250	SV113-250-212	4/13/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.31
KAFB-106113-250	SV113-250-212	4/13/2021	N	Tetrachloroethene	0.39	J	ug/m3	Y	0.3
KAFB-106113-250	SV113-250-212	4/13/2021	N	Xylenes, total	2.8	J	ug/m3	Y	0.61
KAFB-106113-250	SV113-250-212	4/13/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106113-250	SV113-250-212	4/13/2021	N	n-Heptane	0.4	J	ug/m3	Y	0.37
KAFB-106113-250	SV113-250-212	4/13/2021	N	m- & p-Xylenes	2.2	J	ug/m3	Y	0.61
KAFB-106113-250	SV113-250-212	4/13/2021	N	Carbon tetrachloride	24		ug/m3	Y	0.32
KAFB-106113-250	SV113-250-212	4/13/2021	N	2-Hexanone	0.39	J	ug/m3	Y	0.29
KAFB-106113-250	SV113-250-212	4/13/2021	N	Ethanol	14	J	ug/m3	Y	1.6
KAFB-106113-250	SV113-250-212	4/13/2021	N	Isopropyl alcohol	1	J	ug/m3	Y	0.96
KAFB-106113-250	SV113-250-212	4/13/2021	N	Acetone	< 12	U	ug/m3	N	5.3
KAFB-106113-250	SV113-250-212	4/13/2021	N	Chloroform	3.1		ug/m3	Y	0.31
KAFB-106113-250	SV113-250-212	4/13/2021	N	Benzene	7.4		ug/m3	Y	0.34
KAFB-106113-250	SV113-250-212	4/13/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106113-250	SV113-250-212	4/13/2021	N	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
KAFB-106113-250	SV113-250-212	4/13/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
KAFB-106113-250	SV113-250-212	4/13/2021	N	Carbon disulfide	14		ug/m3	Y	0.7
KAFB-106113-250	SV113-250-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106113-250	SV113-250-212	4/13/2021	N	Bromodichloromethane	< 0.74	U	ug/m3	N	0.34
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
KAFB-106113-250	SV113-250-212	4/13/2021	N	Trichlorofluoromethane	3.6		ug/m3	Y	0.35
KAFB-106113-250	SV113-250-212	4/13/2021	N	Dichlorodifluoromethane	49		ug/m3	Y	0.38
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	4.4		ug/m3	Y	0.33

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106113-250	SV113-250-212	4/13/2021	N	2-Butanone	4.7		ug/m3	Y	0.48
KAFB-106113-250	SV113-250-212	4/13/2021	N	Trichloroethene	< 0.74	U	ug/m3	N	0.32
KAFB-106113-250	SV113-250-212	4/13/2021	N	Naphthalene	1.1	J	ug/m3	Y	0.57
KAFB-106113-250	SV113-250-212	4/13/2021	N	o-Xylene	0.6	J	ug/m3	Y	0.34
KAFB-106113-250	SV113-250-212	4/13/2021	N	1,2,4-Trimethylbenzene	3.1		ug/m3	Y	0.32
KAFB-106113-350	SV113-350-212	4/13/2021	N	Ethylbenzene	36	J	ug/m3	Y	18
KAFB-106113-350	SV113-350-212	4/13/2021	N	Styrene	< 78	U	ug/m3	N	21
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,2-Dibromoethane	< 41	U	ug/m3	N	15
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,3-Butadiene	< 78	U	ug/m3	N	21
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,2-Dichloroethane	< 41	U	ug/m3	N	14
KAFB-106113-350	SV113-350-212	4/13/2021	N	4-Methyl-2-pentanone	< 41	U	ug/m3	N	18
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,3,5-Trimethylbenzene	81	J	ug/m3	Y	19
KAFB-106113-350	SV113-350-212	4/13/2021	N	Toluene	1000		ug/m3	Y	16
KAFB-106113-350	SV113-350-212	4/13/2021	N	Tetrahydrofuran	< 41	U	ug/m3	N	16
KAFB-106113-350	SV113-350-212	4/13/2021	N	Hexane	2300		ug/m3	Y	27
KAFB-106113-350	SV113-350-212	4/13/2021	N	Cyclohexane	8000		ug/m3	Y	36
KAFB-106113-350	SV113-350-212	4/13/2021	N	Propylene (propene)	720		ug/m3	Y	32
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 78	U	ug/m3	N	32
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,4-Dioxane	< 41	U	ug/m3	N	15
KAFB-106113-350	SV113-350-212	4/13/2021	N	Dibromochloromethane	< 41	U	ug/m3	N	17
KAFB-106113-350	SV113-350-212	4/13/2021	N	Tetrachloroethene	45	J	ug/m3	Y	17
KAFB-106113-350	SV113-350-212	4/13/2021	N	Xylenes, total	270		ug/m3	Y	34
KAFB-106113-350	SV113-350-212	4/13/2021	N	Ethyl acetate	680		ug/m3	Y	68
KAFB-106113-350	SV113-350-212	4/13/2021	N	n-Heptane	180		ug/m3	Y	21
KAFB-106113-350	SV113-350-212	4/13/2021	N	m- & p-Xylenes	120	J	ug/m3	Y	34
KAFB-106113-350	SV113-350-212	4/13/2021	N	Carbon tetrachloride	< 41	U	ug/m3	N	18
KAFB-106113-350	SV113-350-212	4/13/2021	N	2-Hexanone	< 41	U	ug/m3	N	16
KAFB-106113-350	SV113-350-212	4/13/2021	N	Ethanol	880	J	ug/m3	Y	90
KAFB-106113-350	SV113-350-212	4/13/2021	N	Isopropyl alcohol	< 150	U	ug/m3	N	53
KAFB-106113-350	SV113-350-212	4/13/2021	N	Acetone	< 660	U	ug/m3	N	290
KAFB-106113-350	SV113-350-212	4/13/2021	N	Chloroform	< 41	U	ug/m3	N	17
KAFB-106113-350	SV113-350-212	4/13/2021	N	Benzene	1700		ug/m3	Y	19
KAFB-106113-350	SV113-350-212	4/13/2021	N	Chloromethane	< 78	U	ug/m3	N	21
KAFB-106113-350	SV113-350-212	4/13/2021	N	Chloroethane	< 78	U	ug/m3	N	16
KAFB-106113-350	SV113-350-212	4/13/2021	N	Vinyl chloride	< 41	U	ug/m3	N	14
KAFB-106113-350	SV113-350-212	4/13/2021	N	Methylene chloride	72	J	ug/m3	Y	36
KAFB-106113-350	SV113-350-212	4/13/2021	N	Carbon disulfide	< 130	U	ug/m3	N	39
KAFB-106113-350	SV113-350-212	4/13/2021	N	Bromoform	< 78	U	ug/m3	N	27
KAFB-106113-350	SV113-350-212	4/13/2021	N	Bromodichloromethane	< 41	U	ug/m3	N	19
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,1-Dichloroethane	< 80	U	ug/m3	N	19
KAFB-106113-350	SV113-350-212	4/13/2021	N	Trichlorofluoromethane	46	J	ug/m3	Y	20
KAFB-106113-350	SV113-350-212	4/13/2021	N	Dichlorodifluoromethane	300		ug/m3	Y	21
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 41	U	ug/m3	N	18
KAFB-106113-350	SV113-350-212	4/13/2021	N	2-Butanone	< 78	U	ug/m3	N	27
KAFB-106113-350	SV113-350-212	4/13/2021	N	Trichloroethene	26	J	ug/m3	Y	17
KAFB-106113-350	SV113-350-212	4/13/2021	N	Naphthalene	< 75	U	ug/m3	N	32
KAFB-106113-350	SV113-350-212	4/13/2021	N	o-Xylene	150		ug/m3	Y	19
KAFB-106113-350	SV113-350-212	4/13/2021	N	1,2,4-Trimethylbenzene	24	J	ug/m3	Y	18
KAFB-106113-450	SV113-450-212	4/13/2021	N	Ethylbenzene	4900		ug/m3	Y	92
KAFB-106113-450	SV113-450-212	4/13/2021	N	Styrene	< 390	U	ug/m3	N	110
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,2-Dibromoethane	170	J	ug/m3	Y	76
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,3-Butadiene	< 390	U	ug/m3	N	110
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,2-Dichloroethane	< 210	U	ug/m3	N	72
KAFB-106113-450	SV113-450-212	4/13/2021	N	4-Methyl-2-pentanone	< 210	U	ug/m3	N	90
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,3,5-Trimethylbenzene	3700		ug/m3	Y	94

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106113-450	SV113-450-212	4/13/2021	N	Toluene	69000		ug/m3	Y	80
KAFB-106113-450	SV113-450-212	4/13/2021	N	Tetrahydrofuran	< 210	U	ug/m3	N	82
KAFB-106113-450	SV113-450-212	4/13/2021	N	Hexane	70000		ug/m3	Y	130
KAFB-106113-450	SV113-450-212	4/13/2021	N	Cyclohexane	86000		ug/m3	Y	180
KAFB-106113-450	SV113-450-212	4/13/2021	N	Propylene (propene)	6700		ug/m3	Y	160
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 390	U	ug/m3	N	160
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,4-Dioxane	< 210	U	ug/m3	N	77
KAFB-106113-450	SV113-450-212	4/13/2021	N	Dibromochloromethane	< 210	U	ug/m3	N	86
KAFB-106113-450	SV113-450-212	4/13/2021	N	Tetrachloroethene	190	J	ug/m3	Y	85
KAFB-106113-450	SV113-450-212	4/13/2021	N	Xylenes, total	28000		ug/m3	Y	170
KAFB-106113-450	SV113-450-212	4/13/2021	N	Ethyl acetate	< 800	U	ug/m3	N	340
KAFB-106113-450	SV113-450-212	4/13/2021	N	n-Heptane	71000		ug/m3	Y	100
KAFB-106113-450	SV113-450-212	4/13/2021	N	m- & p-Xylenes	20000		ug/m3	Y	170
KAFB-106113-450	SV113-450-212	4/13/2021	N	Carbon tetrachloride	< 210	U	ug/m3	N	91
KAFB-106113-450	SV113-450-212	4/13/2021	N	2-Hexanone	< 210	U	ug/m3	N	81
KAFB-106113-450	SV113-450-212	4/13/2021	N	Ethanol	< 1000	U	ug/m3	N	450
KAFB-106113-450	SV113-450-212	4/13/2021	N	Isopropyl alcohol	290	J	ug/m3	Y	270
KAFB-106113-450	SV113-450-212	4/13/2021	N	Acetone	< 3300	U	ug/m3	N	1500
KAFB-106113-450	SV113-450-212	4/13/2021	N	Chloroform	< 210	U	ug/m3	N	87
KAFB-106113-450	SV113-450-212	4/13/2021	N	Benzene	38000		ug/m3	Y	94
KAFB-106113-450	SV113-450-212	4/13/2021	N	Chloromethane	< 390	U	ug/m3	N	110
KAFB-106113-450	SV113-450-212	4/13/2021	N	Chloroethane	< 390	U	ug/m3	N	81
KAFB-106113-450	SV113-450-212	4/13/2021	N	Vinyl chloride	< 210	U	ug/m3	N	70
KAFB-106113-450	SV113-450-212	4/13/2021	N	Methylene chloride	< 390	U	ug/m3	N	180
KAFB-106113-450	SV113-450-212	4/13/2021	N	Carbon disulfide	< 660	U	ug/m3	N	200
KAFB-106113-450	SV113-450-212	4/13/2021	N	Bromoform	< 390	U	ug/m3	N	130
KAFB-106113-450	SV113-450-212	4/13/2021	N	Bromodichloromethane	< 210	U	ug/m3	N	94
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,1-Dichloroethane	< 400	U	ug/m3	N	96
KAFB-106113-450	SV113-450-212	4/13/2021	N	Trichlorofluoromethane	< 390	U	ug/m3	N	99
KAFB-106113-450	SV113-450-212	4/13/2021	N	Dichlorodifluoromethane	620	J	ug/m3	Y	110
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 210	U	ug/m3	N	93
KAFB-106113-450	SV113-450-212	4/13/2021	N	2-Butanone	< 390	U	ug/m3	N	130
KAFB-106113-450	SV113-450-212	4/13/2021	N	Trichloroethene	< 210	U	ug/m3	N	88
KAFB-106113-450	SV113-450-212	4/13/2021	N	Naphthalene	< 380	U	ug/m3	N	160
KAFB-106113-450	SV113-450-212	4/13/2021	N	o-Xylene	8000		ug/m3	Y	94
KAFB-106113-450	SV113-450-212	4/13/2021	N	1,2,4-Trimethylbenzene	4100		ug/m3	Y	91
KAFB-106115-025	SV115-025-212	4/13/2021	N	Ethylbenzene	3		ug/m3	Y	0.33
KAFB-106115-025	SV115-025-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,2-Dibromoethane	< 0.75	U	ug/m3	N	0.27
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,2-Dichloroethane	< 0.75	U	ug/m3	N	0.26
KAFB-106115-025	SV115-025-212	4/13/2021	N	4-Methyl-2-pentanone	0.55	J	ug/m3	Y	0.32
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,3,5-Trimethylbenzene	8.5		ug/m3	Y	0.34
KAFB-106115-025	SV115-025-212	4/13/2021	N	Toluene	15		ug/m3	Y	0.29
KAFB-106115-025	SV115-025-212	4/13/2021	N	Tetrahydrofuran	< 0.75	U	ug/m3	N	0.29
KAFB-106115-025	SV115-025-212	4/13/2021	N	Hexane	1.9	J	ug/m3	Y	0.48
KAFB-106115-025	SV115-025-212	4/13/2021	N	Cyclohexane	1.6	J	ug/m3	Y	0.66
KAFB-106115-025	SV115-025-212	4/13/2021	N	Propylene (propene)	6.7		ug/m3	Y	0.57
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,4-Dioxane	< 0.75	U	ug/m3	N	0.28
KAFB-106115-025	SV115-025-212	4/13/2021	N	Dibromochloromethane	< 0.75	U	ug/m3	N	0.31
KAFB-106115-025	SV115-025-212	4/13/2021	N	Tetrachloroethene	0.74	J	ug/m3	Y	0.3
KAFB-106115-025	SV115-025-212	4/13/2021	N	Xylenes, total	24		ug/m3	Y	0.62
KAFB-106115-025	SV115-025-212	4/13/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.2
KAFB-106115-025	SV115-025-212	4/13/2021	N	n-Heptane	4.5		ug/m3	Y	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106115-025	SV115-025-212	4/13/2021	N	m- & p-Xylenes	17		ug/m3	Y	0.62
KAFB-106115-025	SV115-025-212	4/13/2021	N	Carbon tetrachloride	3		ug/m3	Y	0.33
KAFB-106115-025	SV115-025-212	4/13/2021	N	2-Hexanone	< 0.75	U	ug/m3	N	0.29
KAFB-106115-025	SV115-025-212	4/13/2021	N	Ethanol	34		ug/m3	Y	1.6
KAFB-106115-025	SV115-025-212	4/13/2021	N	Isopropyl alcohol	14		ug/m3	Y	0.97
KAFB-106115-025	SV115-025-212	4/13/2021	N	Acetone	19	J	ug/m3	Y	5.3
KAFB-106115-025	SV115-025-212	4/13/2021	N	Chloroform	0.86	J	ug/m3	Y	0.31
KAFB-106115-025	SV115-025-212	4/13/2021	N	Benzene	2.5		ug/m3	Y	0.34
KAFB-106115-025	SV115-025-212	4/13/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106115-025	SV115-025-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106115-025	SV115-025-212	4/13/2021	N	Vinyl chloride	< 0.75	U	ug/m3	N	0.25
KAFB-106115-025	SV115-025-212	4/13/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
KAFB-106115-025	SV115-025-212	4/13/2021	N	Carbon disulfide	3.5	J	ug/m3	Y	0.7
KAFB-106115-025	SV115-025-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106115-025	SV115-025-212	4/13/2021	N	Bromodichloromethane	< 0.75	U	ug/m3	N	0.34
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.34
KAFB-106115-025	SV115-025-212	4/13/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.36
KAFB-106115-025	SV115-025-212	4/13/2021	N	Dichlorodifluoromethane	2.2	J	ug/m3	Y	0.38
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	J	ug/m3	Y	0.33
KAFB-106115-025	SV115-025-212	4/13/2021	N	2-Butanone	10		ug/m3	Y	0.48
KAFB-106115-025	SV115-025-212	4/13/2021	N	Trichloroethene	< 0.75	U	ug/m3	N	0.32
KAFB-106115-025	SV115-025-212	4/13/2021	N	Naphthalene	4.7		ug/m3	Y	0.57
KAFB-106115-025	SV115-025-212	4/13/2021	N	o-Xylene	6.5		ug/m3	Y	0.34
KAFB-106115-025	SV115-025-212	4/13/2021	N	1,2,4-Trimethylbenzene	20		ug/m3	Y	0.33
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Ethylbenzene	5.4		ug/m3	Y	0.35
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,2-Dibromoethane	< 0.8	U	ug/m3	N	0.29
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,2-Dichloroethane	< 0.8	U	ug/m3	N	0.28
KAFB-106115-025	SV115-025-612	4/13/2021	FD	4-Methyl-2-pentanone	< 0.8	U	ug/m3	N	0.34
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,3,5-Trimethylbenzene	11		ug/m3	Y	0.36
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Toluene	27		ug/m3	Y	0.31
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Tetrahydrofuran	< 0.8	U	ug/m3	N	0.31
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Hexane	3.6		ug/m3	Y	0.52
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Cyclohexane	2.3	J	ug/m3	Y	0.71
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Propylene (propene)	1.7	J	ug/m3	Y	0.61
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,4-Dioxane	< 0.8	U	ug/m3	N	0.3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Dibromochloromethane	< 0.8	U	ug/m3	N	0.33
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Tetrachloroethene	0.77	J	ug/m3	Y	0.32
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Xylenes, total	40		ug/m3	Y	0.66
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	n-Heptane	8.9		ug/m3	Y	0.4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	m- & p-Xylenes	30		ug/m3	Y	0.66
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Carbon tetrachloride	2.9		ug/m3	Y	0.35
KAFB-106115-025	SV115-025-612	4/13/2021	FD	2-Hexanone	< 0.8	U	ug/m3	N	0.31
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Ethanol	28		ug/m3	Y	1.7
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Isopropyl alcohol	2.4	J	ug/m3	Y	1
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Acetone	14	J	ug/m3	Y	5.6
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Chloroform	0.85	J	ug/m3	Y	0.33
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Benzene	4.5		ug/m3	Y	0.36
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Vinyl chloride	< 0.8	U	ug/m3	N	0.27
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Methylene chloride	< 1.5	U	ug/m3	N	0.71

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Carbon disulfide	2	J	ug/m3	Y	0.75
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Bromodichloromethane	< 0.8	U	ug/m3	N	0.36
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.38
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Dichlorodifluoromethane	2.1	J	ug/m3	Y	0.41
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	0.56	J	ug/m3	Y	0.36
KAFB-106115-025	SV115-025-612	4/13/2021	FD	2-Butanone	11		ug/m3	Y	0.52
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Trichloroethene	< 0.8	U	ug/m3	N	0.34
KAFB-106115-025	SV115-025-612	4/13/2021	FD	Naphthalene	8.1		ug/m3	Y	0.61
KAFB-106115-025	SV115-025-612	4/13/2021	FD	o-Xylene	10		ug/m3	Y	0.36
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1,2,4-Trimethylbenzene	31		ug/m3	Y	0.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	Ethylbenzene	4.4		ug/m3	Y	0.4
KAFB-106115-050	SV115-050-212	4/13/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,2-Dibromoethane	< 0.91	U	ug/m3	N	0.33
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.47
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,2-Dichloroethane	< 0.91	U	ug/m3	N	0.32
KAFB-106115-050	SV115-050-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.91	U	ug/m3	N	0.39
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,3,5-Trimethylbenzene	9		ug/m3	Y	0.41
KAFB-106115-050	SV115-050-212	4/13/2021	N	Toluene	23		ug/m3	Y	0.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	Tetrahydrofuran	6.7		ug/m3	Y	0.36
KAFB-106115-050	SV115-050-212	4/13/2021	N	Hexane	3.3		ug/m3	Y	0.59
KAFB-106115-050	SV115-050-212	4/13/2021	N	Cyclohexane	3.7	J	ug/m3	Y	0.8
KAFB-106115-050	SV115-050-212	4/13/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,4-Dioxane	< 0.91	U	ug/m3	N	0.34
KAFB-106115-050	SV115-050-212	4/13/2021	N	Dibromochloromethane	< 0.91	U	ug/m3	N	0.37
KAFB-106115-050	SV115-050-212	4/13/2021	N	Tetrachloroethene	0.9	J	ug/m3	Y	0.37
KAFB-106115-050	SV115-050-212	4/13/2021	N	Xylenes, total	32		ug/m3	Y	0.75
KAFB-106115-050	SV115-050-212	4/13/2021	N	Ethyl acetate	2.2	J	ug/m3	Y	1.5
KAFB-106115-050	SV115-050-212	4/13/2021	N	n-Heptane	9		ug/m3	Y	0.45
KAFB-106115-050	SV115-050-212	4/13/2021	N	m- & p-Xylenes	24		ug/m3	Y	0.75
KAFB-106115-050	SV115-050-212	4/13/2021	N	Carbon tetrachloride	3.5		ug/m3	Y	0.4
KAFB-106115-050	SV115-050-212	4/13/2021	N	2-Hexanone	< 0.91	U	ug/m3	N	0.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	Ethanol	7	J	ug/m3	Y	2
KAFB-106115-050	SV115-050-212	4/13/2021	N	Isopropyl alcohol	< 3.4	U	ug/m3	N	1.2
KAFB-106115-050	SV115-050-212	4/13/2021	N	Acetone	12	J	ug/m3	Y	6.4
KAFB-106115-050	SV115-050-212	4/13/2021	N	Chloroform	1.2	J	ug/m3	Y	0.38
KAFB-106115-050	SV115-050-212	4/13/2021	N	Benzene	3.8		ug/m3	Y	0.41
KAFB-106115-050	SV115-050-212	4/13/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.46
KAFB-106115-050	SV115-050-212	4/13/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.35
KAFB-106115-050	SV115-050-212	4/13/2021	N	Vinyl chloride	< 0.91	U	ug/m3	N	0.3
KAFB-106115-050	SV115-050-212	4/13/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.8
KAFB-106115-050	SV115-050-212	4/13/2021	N	Carbon disulfide	1.8	J	ug/m3	Y	0.86
KAFB-106115-050	SV115-050-212	4/13/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.59
KAFB-106115-050	SV115-050-212	4/13/2021	N	Bromodichloromethane	< 0.91	U	ug/m3	N	0.41
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106115-050	SV115-050-212	4/13/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.43
KAFB-106115-050	SV115-050-212	4/13/2021	N	Dichlorodifluoromethane	2.1	J	ug/m3	Y	0.47
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	J	ug/m3	Y	0.41
KAFB-106115-050	SV115-050-212	4/13/2021	N	2-Butanone	3.3	J	ug/m3	Y	0.59
KAFB-106115-050	SV115-050-212	4/13/2021	N	Trichloroethene	< 0.91	U	ug/m3	N	0.39
KAFB-106115-050	SV115-050-212	4/13/2021	N	Naphthalene	3.3		ug/m3	Y	0.7
KAFB-106115-050	SV115-050-212	4/13/2021	N	o-Xylene	8		ug/m3	Y	0.41
KAFB-106115-050	SV115-050-212	4/13/2021	N	1,2,4-Trimethylbenzene	24		ug/m3	Y	0.4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106115-150	SV115-150-212	4/13/2021	N	Ethylbenzene	2.5	J	ug/m3	Y	0.38
KAFB-106115-150	SV115-150-212	4/13/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.3
KAFB-106115-150	SV115-150-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.37
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,3,5-Trimethylbenzene	4.4		ug/m3	Y	0.39
KAFB-106115-150	SV115-150-212	4/13/2021	N	Toluene	11		ug/m3	Y	0.33
KAFB-106115-150	SV115-150-212	4/13/2021	N	Tetrahydrofuran	2.3	J	ug/m3	Y	0.34
KAFB-106115-150	SV115-150-212	4/13/2021	N	Hexane	1.7	J	ug/m3	Y	0.55
KAFB-106115-150	SV115-150-212	4/13/2021	N	Cyclohexane	1.2	J	ug/m3	Y	0.75
KAFB-106115-150	SV115-150-212	4/13/2021	N	Propylene (propene)	0.89	J	ug/m3	Y	0.65
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.32
KAFB-106115-150	SV115-150-212	4/13/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106115-150	SV115-150-212	4/13/2021	N	Tetrachloroethene	0.82	J	ug/m3	Y	0.35
KAFB-106115-150	SV115-150-212	4/13/2021	N	Xylenes, total	18		ug/m3	Y	0.7
KAFB-106115-150	SV115-150-212	4/13/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106115-150	SV115-150-212	4/13/2021	N	n-Heptane	3.9		ug/m3	Y	0.43
KAFB-106115-150	SV115-150-212	4/13/2021	N	m- & p-Xylenes	14		ug/m3	Y	0.7
KAFB-106115-150	SV115-150-212	4/13/2021	N	Carbon tetrachloride	4.8		ug/m3	Y	0.37
KAFB-106115-150	SV115-150-212	4/13/2021	N	2-Hexanone	< 0.85	U	ug/m3	N	0.33
KAFB-106115-150	SV115-150-212	4/13/2021	N	Ethanol	8.5	J	ug/m3	Y	1.9
KAFB-106115-150	SV115-150-212	4/13/2021	N	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106115-150	SV115-150-212	4/13/2021	N	Acetone	11	J	ug/m3	Y	6
KAFB-106115-150	SV115-150-212	4/13/2021	N	Chloroform	0.82	J	ug/m3	Y	0.36
KAFB-106115-150	SV115-150-212	4/13/2021	N	Benzene	2.1	J	ug/m3	Y	0.39
KAFB-106115-150	SV115-150-212	4/13/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106115-150	SV115-150-212	4/13/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106115-150	SV115-150-212	4/13/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.29
KAFB-106115-150	SV115-150-212	4/13/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106115-150	SV115-150-212	4/13/2021	N	Carbon disulfide	7.7		ug/m3	Y	0.8
KAFB-106115-150	SV115-150-212	4/13/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106115-150	SV115-150-212	4/13/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.39
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106115-150	SV115-150-212	4/13/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.41
KAFB-106115-150	SV115-150-212	4/13/2021	N	Dichlorodifluoromethane	1.5	J	ug/m3	Y	0.44
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.64	J	ug/m3	Y	0.38
KAFB-106115-150	SV115-150-212	4/13/2021	N	2-Butanone	1.1	J	ug/m3	Y	0.55
KAFB-106115-150	SV115-150-212	4/13/2021	N	Trichloroethene	0.43	J	ug/m3	Y	0.36
KAFB-106115-150	SV115-150-212	4/13/2021	N	Naphthalene	2	J	ug/m3	Y	0.65
KAFB-106115-150	SV115-150-212	4/13/2021	N	o-Xylene	4.2		ug/m3	Y	0.39
KAFB-106115-150	SV115-150-212	4/13/2021	N	1,2,4-Trimethylbenzene	15		ug/m3	Y	0.37
KAFB-106123-050	SV123-050-212	4/12/2021	N	Chloroform	760		ug/m3	Y	3.8
KAFB-106123-050	SV123-050-212	4/12/2021	N	Ethylbenzene	2	J	ug/m3	Y	0.4
KAFB-106123-050	SV123-050-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.9	U	ug/m3	N	0.33
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.47
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.9	U	ug/m3	N	0.31
KAFB-106123-050	SV123-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.9	U	ug/m3	N	0.39
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	4.5		ug/m3	Y	0.41
KAFB-106123-050	SV123-050-212	4/12/2021	N	Toluene	3.6		ug/m3	Y	0.34
KAFB-106123-050	SV123-050-212	4/12/2021	N	Tetrahydrofuran	< 0.9	U	ug/m3	N	0.36
KAFB-106123-050	SV123-050-212	4/12/2021	N	Hexane	< 1.7	U	ug/m3	N	0.58
KAFB-106123-050	SV123-050-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106123-050	SV123-050-212	4/12/2021	N	Propylene (propene)	< 1.7	U	ug/m3	N	0.69
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.69
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,4-Dioxane	< 0.9	U	ug/m3	N	0.33
KAFB-106123-050	SV123-050-212	4/12/2021	N	Dibromochloromethane	48		ug/m3	Y	0.37
KAFB-106123-050	SV123-050-212	4/12/2021	N	Tetrachloroethene	7.5		ug/m3	Y	0.37
KAFB-106123-050	SV123-050-212	4/12/2021	N	Xylenes, total	16		ug/m3	Y	0.74
KAFB-106123-050	SV123-050-212	4/12/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.5
KAFB-106123-050	SV123-050-212	4/12/2021	N	n-Heptane	0.98	J	ug/m3	Y	0.45
KAFB-106123-050	SV123-050-212	4/12/2021	N	m- & p-Xylenes	12		ug/m3	Y	0.74
KAFB-106123-050	SV123-050-212	4/12/2021	N	Carbon tetrachloride	19		ug/m3	Y	0.39
KAFB-106123-050	SV123-050-212	4/12/2021	N	2-Hexanone	0.96	J	ug/m3	Y	0.35
KAFB-106123-050	SV123-050-212	4/12/2021	N	Ethanol	6	J	ug/m3	Y	2
KAFB-106123-050	SV123-050-212	4/12/2021	N	Isopropyl alcohol	< 3.3	U	ug/m3	N	1.2
KAFB-106123-050	SV123-050-212	4/12/2021	N	Acetone	< 14	U	ug/m3	N	6.4
KAFB-106123-050	SV123-050-212	4/12/2021	N	Benzene	0.55	J	ug/m3	Y	0.41
KAFB-106123-050	SV123-050-212	4/12/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.46
KAFB-106123-050	SV123-050-212	4/12/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.35
KAFB-106123-050	SV123-050-212	4/12/2021	N	Vinyl chloride	< 0.9	U	ug/m3	N	0.3
KAFB-106123-050	SV123-050-212	4/12/2021	N	Methylene chloride	16		ug/m3	Y	0.8
KAFB-106123-050	SV123-050-212	4/12/2021	N	Carbon disulfide	1.2	J	ug/m3	Y	0.85
KAFB-106123-050	SV123-050-212	4/12/2021	N	Bromoform	5.6		ug/m3	Y	0.58
KAFB-106123-050	SV123-050-212	4/12/2021	N	Bromodichloromethane	410		ug/m3	Y	0.41
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.41
KAFB-106123-050	SV123-050-212	4/12/2021	N	Trichlorofluoromethane	6.8		ug/m3	Y	0.43
KAFB-106123-050	SV123-050-212	4/12/2021	N	Dichlorodifluoromethane	52		ug/m3	Y	0.46
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.7	J	ug/m3	Y	0.4
KAFB-106123-050	SV123-050-212	4/12/2021	N	2-Butanone	1.6	J	ug/m3	Y	0.58
KAFB-106123-050	SV123-050-212	4/12/2021	N	Trichloroethene	3.5		ug/m3	Y	0.38
KAFB-106123-050	SV123-050-212	4/12/2021	N	Naphthalene	4.7		ug/m3	Y	0.69
KAFB-106123-050	SV123-050-212	4/12/2021	N	o-Xylene	4		ug/m3	Y	0.41
KAFB-106123-050	SV123-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	19		ug/m3	Y	0.39
KAFB-106123-150	SV123-150-212	4/12/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.36
KAFB-106123-150	SV123-150-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106123-150	SV123-150-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	3		ug/m3	Y	0.37
KAFB-106123-150	SV123-150-212	4/12/2021	N	Toluene	3.1		ug/m3	Y	0.31
KAFB-106123-150	SV123-150-212	4/12/2021	N	Tetrahydrofuran	< 0.82	U	ug/m3	N	0.32
KAFB-106123-150	SV123-150-212	4/12/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106123-150	SV123-150-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106123-150	SV123-150-212	4/12/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.62
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106123-150	SV123-150-212	4/12/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106123-150	SV123-150-212	4/12/2021	N	Tetrachloroethene	1.7	J	ug/m3	Y	0.33
KAFB-106123-150	SV123-150-212	4/12/2021	N	Xylenes, total	11		ug/m3	Y	0.67
KAFB-106123-150	SV123-150-212	4/12/2021	N	Ethyl acetate	2.8	J	ug/m3	Y	1.3
KAFB-106123-150	SV123-150-212	4/12/2021	N	n-Heptane	0.95	J	ug/m3	Y	0.41
KAFB-106123-150	SV123-150-212	4/12/2021	N	m- & p-Xylenes	8.5		ug/m3	Y	0.67
KAFB-106123-150	SV123-150-212	4/12/2021	N	Carbon tetrachloride	11		ug/m3	Y	0.36
KAFB-106123-150	SV123-150-212	4/12/2021	N	2-Hexanone	0.55	J	ug/m3	Y	0.32
KAFB-106123-150	SV123-150-212	4/12/2021	N	Ethanol	3.4	J	ug/m3	Y	1.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	Isopropyl alcohol	< 3	U	ug/m3	N	1.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106123-150	SV123-150-212	4/12/2021	N	Acetone	9.3	J	ug/m3	Y	5.8
KAFB-106123-150	SV123-150-212	4/12/2021	N	Chloroform	23		ug/m3	Y	0.34
KAFB-106123-150	SV123-150-212	4/12/2021	N	Benzene	0.49	J	ug/m3	Y	0.37
KAFB-106123-150	SV123-150-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106123-150	SV123-150-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106123-150	SV123-150-212	4/12/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.27
KAFB-106123-150	SV123-150-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106123-150	SV123-150-212	4/12/2021	N	Carbon disulfide	1.7	J	ug/m3	Y	0.77
KAFB-106123-150	SV123-150-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106123-150	SV123-150-212	4/12/2021	N	Bromodichloromethane	4		ug/m3	Y	0.37
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106123-150	SV123-150-212	4/12/2021	N	Trichlorofluoromethane	2.9		ug/m3	Y	0.39
KAFB-106123-150	SV123-150-212	4/12/2021	N	Dichlorodifluoromethane	36		ug/m3	Y	0.42
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	J	ug/m3	Y	0.36
KAFB-106123-150	SV123-150-212	4/12/2021	N	2-Butanone	1.6	J	ug/m3	Y	0.53
KAFB-106123-150	SV123-150-212	4/12/2021	N	Trichloroethene	< 0.82	U	ug/m3	N	0.35
KAFB-106123-150	SV123-150-212	4/12/2021	N	Naphthalene	5.2		ug/m3	Y	0.62
KAFB-106123-150	SV123-150-212	4/12/2021	N	o-Xylene	2.8		ug/m3	Y	0.37
KAFB-106123-150	SV123-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	14		ug/m3	Y	0.36
KAFB-106123-250	SV123-250-212	4/12/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.33
KAFB-106123-250	SV123-250-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.76	U	ug/m3	N	0.28
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.76	U	ug/m3	N	0.26
KAFB-106123-250	SV123-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.76	U	ug/m3	N	0.32
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.1	J	ug/m3	Y	0.34
KAFB-106123-250	SV123-250-212	4/12/2021	N	Toluene	2.4		ug/m3	Y	0.29
KAFB-106123-250	SV123-250-212	4/12/2021	N	Tetrahydrofuran	< 0.76	U	ug/m3	N	0.3
KAFB-106123-250	SV123-250-212	4/12/2021	N	Hexane	< 1.4	U	ug/m3	N	0.49
KAFB-106123-250	SV123-250-212	4/12/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.67
KAFB-106123-250	SV123-250-212	4/12/2021	N	Propylene (propene)	< 1.4	U	ug/m3	N	0.58
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,4-Dioxane	< 0.76	U	ug/m3	N	0.28
KAFB-106123-250	SV123-250-212	4/12/2021	N	Dibromochloromethane	< 0.76	U	ug/m3	N	0.31
KAFB-106123-250	SV123-250-212	4/12/2021	N	Tetrachloroethene	0.39	J	ug/m3	Y	0.31
KAFB-106123-250	SV123-250-212	4/12/2021	N	Xylenes, total	8.3		ug/m3	Y	0.62
KAFB-106123-250	SV123-250-212	4/12/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.2
KAFB-106123-250	SV123-250-212	4/12/2021	N	n-Heptane	0.51	J	ug/m3	Y	0.38
KAFB-106123-250	SV123-250-212	4/12/2021	N	m- & p-Xylenes	6.4		ug/m3	Y	0.62
KAFB-106123-250	SV123-250-212	4/12/2021	N	Carbon tetrachloride	9.4		ug/m3	Y	0.33
KAFB-106123-250	SV123-250-212	4/12/2021	N	2-Hexanone	< 0.76	U	ug/m3	N	0.29
KAFB-106123-250	SV123-250-212	4/12/2021	N	Ethanol	< 3.7	U	ug/m3	N	1.6
KAFB-106123-250	SV123-250-212	4/12/2021	N	Isopropyl alcohol	< 2.8	U	ug/m3	N	0.98
KAFB-106123-250	SV123-250-212	4/12/2021	N	Acetone	5.9	J	ug/m3	Y	5.3
KAFB-106123-250	SV123-250-212	4/12/2021	N	Chloroform	6.7		ug/m3	Y	0.32
KAFB-106123-250	SV123-250-212	4/12/2021	N	Benzene	< 0.76	U	ug/m3	N	0.34
KAFB-106123-250	SV123-250-212	4/12/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106123-250	SV123-250-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106123-250	SV123-250-212	4/12/2021	N	Vinyl chloride	< 0.76	U	ug/m3	N	0.25
KAFB-106123-250	SV123-250-212	4/12/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.67
KAFB-106123-250	SV123-250-212	4/12/2021	N	Carbon disulfide	< 2.4	U	ug/m3	N	0.71
KAFB-106123-250	SV123-250-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106123-250	SV123-250-212	4/12/2021	N	Bromodichloromethane	2.2	J	ug/m3	Y	0.34
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106123-250	SV123-250-212	4/12/2021	N	Trichlorofluoromethane	12		ug/m3	Y	0.36

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106123-250	SV123-250-212	4/12/2021	N	Dichlorodifluoromethane	130		ug/m3	Y	0.39
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	6		ug/m3	Y	0.34
KAFB-106123-250	SV123-250-212	4/12/2021	N	2-Butanone	< 1.4	U	ug/m3	N	0.49
KAFB-106123-250	SV123-250-212	4/12/2021	N	Trichloroethene	< 0.76	U	ug/m3	N	0.32
KAFB-106123-250	SV123-250-212	4/12/2021	N	Naphthalene	3.8		ug/m3	Y	0.58
KAFB-106123-250	SV123-250-212	4/12/2021	N	o-Xylene	1.9	J	ug/m3	Y	0.34
KAFB-106123-250	SV123-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	9.1		ug/m3	Y	0.33
KAFB-106123-350	SV123-350-212	4/12/2021	N	Ethylbenzene	3.3		ug/m3	Y	0.29
KAFB-106123-350	SV123-350-212	4/12/2021	N	Styrene	< 1.2	U	ug/m3	N	0.34
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,2-Dibromoethane	0.79	J	ug/m3	Y	0.24
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,3-Butadiene	< 1.2	U	ug/m3	N	0.34
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.66	U	ug/m3	N	0.23
KAFB-106123-350	SV123-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.66	U	ug/m3	N	0.28
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	11		ug/m3	Y	0.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	Toluene	5.3		ug/m3	Y	0.25
KAFB-106123-350	SV123-350-212	4/12/2021	N	Tetrahydrofuran	0.56	J	ug/m3	Y	0.26
KAFB-106123-350	SV123-350-212	4/12/2021	N	Hexane	1.2	J	ug/m3	Y	0.43
KAFB-106123-350	SV123-350-212	4/12/2021	N	Cyclohexane	< 1.3	U	ug/m3	N	0.59
KAFB-106123-350	SV123-350-212	4/12/2021	N	Propylene (propene)	0.92	J	ug/m3	Y	0.51
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.2	U	ug/m3	N	0.51
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,4-Dioxane	< 0.66	U	ug/m3	N	0.25
KAFB-106123-350	SV123-350-212	4/12/2021	N	Dibromochloromethane	< 0.66	U	ug/m3	N	0.27
KAFB-106123-350	SV123-350-212	4/12/2021	N	Tetrachloroethene	0.76	J	ug/m3	Y	0.27
KAFB-106123-350	SV123-350-212	4/12/2021	N	Xylenes, total	27		ug/m3	Y	0.55
KAFB-106123-350	SV123-350-212	4/12/2021	N	Ethyl acetate	7.9		ug/m3	Y	1.1
KAFB-106123-350	SV123-350-212	4/12/2021	N	n-Heptane	1	J	ug/m3	Y	0.33
KAFB-106123-350	SV123-350-212	4/12/2021	N	m- & p-Xylenes	19		ug/m3	Y	0.55
KAFB-106123-350	SV123-350-212	4/12/2021	N	Carbon tetrachloride	1.2	J	ug/m3	Y	0.29
KAFB-106123-350	SV123-350-212	4/12/2021	N	2-Hexanone	< 0.66	U	ug/m3	N	0.26
KAFB-106123-350	SV123-350-212	4/12/2021	N	Ethanol	13	J	ug/m3	Y	1.4
KAFB-106123-350	SV123-350-212	4/12/2021	N	Isopropyl alcohol	3	J	ug/m3	Y	0.86
KAFB-106123-350	SV123-350-212	4/12/2021	N	Acetone	9.8	J	ug/m3	Y	4.7
KAFB-106123-350	SV123-350-212	4/12/2021	N	Chloroform	10		ug/m3	Y	0.28
KAFB-106123-350	SV123-350-212	4/12/2021	N	Benzene	0.62	J	ug/m3	Y	0.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	Chloromethane	< 1.2	U	ug/m3	N	0.34
KAFB-106123-350	SV123-350-212	4/12/2021	N	Chloroethane	< 1.2	U	ug/m3	N	0.26
KAFB-106123-350	SV123-350-212	4/12/2021	N	Vinyl chloride	< 0.66	U	ug/m3	N	0.22
KAFB-106123-350	SV123-350-212	4/12/2021	N	Methylene chloride	6.2		ug/m3	Y	0.59
KAFB-106123-350	SV123-350-212	4/12/2021	N	Carbon disulfide	4.7		ug/m3	Y	0.62
KAFB-106123-350	SV123-350-212	4/12/2021	N	Bromoform	< 1.2	U	ug/m3	N	0.43
KAFB-106123-350	SV123-350-212	4/12/2021	N	Bromodichloromethane	0.5	J	ug/m3	Y	0.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.3	U	ug/m3	N	0.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	Trichlorofluoromethane	39		ug/m3	Y	0.32
KAFB-106123-350	SV123-350-212	4/12/2021	N	Dichlorodifluoromethane	300		ug/m3	Y	0.34
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	11		ug/m3	Y	0.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	2-Butanone	3.4	J	ug/m3	Y	0.43
KAFB-106123-350	SV123-350-212	4/12/2021	N	Trichloroethene	0.44	J	ug/m3	Y	0.28
KAFB-106123-350	SV123-350-212	4/12/2021	N	Naphthalene	4.9		ug/m3	Y	0.51
KAFB-106123-350	SV123-350-212	4/12/2021	N	o-Xylene	8		ug/m3	Y	0.3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	39		ug/m3	Y	0.29
KAFB-106123-450	SV123-450-212	4/12/2021	N	Ethylbenzene	1.5	J	ug/m3	Y	0.37
KAFB-106123-450	SV123-450-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,2-Dibromoethane	< 0.83	U	ug/m3	N	0.3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,2-Dichloroethane	< 0.83	U	ug/m3	N	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106123-450	SV123-450-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.83	U	ug/m3	N	0.36
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	3.6		ug/m3	Y	0.38
KAFB-106123-450	SV123-450-212	4/12/2021	N	Toluene	4.1		ug/m3	Y	0.32
KAFB-106123-450	SV123-450-212	4/12/2021	N	Tetrahydrofuran	7.8		ug/m3	Y	0.33
KAFB-106123-450	SV123-450-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.54
KAFB-106123-450	SV123-450-212	4/12/2021	N	Cyclohexane	9.5		ug/m3	Y	0.73
KAFB-106123-450	SV123-450-212	4/12/2021	N	Propylene (propene)	3.2		ug/m3	Y	0.63
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	0.82	J	ug/m3	Y	0.63
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,4-Dioxane	< 0.83	U	ug/m3	N	0.31
KAFB-106123-450	SV123-450-212	4/12/2021	N	Dibromochloromethane	4.1		ug/m3	Y	0.34
KAFB-106123-450	SV123-450-212	4/12/2021	N	Tetrachloroethene	2.7		ug/m3	Y	0.34
KAFB-106123-450	SV123-450-212	4/12/2021	N	Xylenes, total	11		ug/m3	Y	0.68
KAFB-106123-450	SV123-450-212	4/12/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106123-450	SV123-450-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.41
KAFB-106123-450	SV123-450-212	4/12/2021	N	m- & p-Xylenes	7.7		ug/m3	Y	0.68
KAFB-106123-450	SV123-450-212	4/12/2021	N	Carbon tetrachloride	0.48	J	ug/m3	Y	0.36
KAFB-106123-450	SV123-450-212	4/12/2021	N	2-Hexanone	< 0.83	U	ug/m3	N	0.32
KAFB-106123-450	SV123-450-212	4/12/2021	N	Ethanol	3.7	J	ug/m3	Y	1.8
KAFB-106123-450	SV123-450-212	4/12/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106123-450	SV123-450-212	4/12/2021	N	Acetone	< 13	U	ug/m3	N	5.9
KAFB-106123-450	SV123-450-212	4/12/2021	N	Chloroform	14		ug/m3	Y	0.35
KAFB-106123-450	SV123-450-212	4/12/2021	N	Benzene	3.3		ug/m3	Y	0.38
KAFB-106123-450	SV123-450-212	4/12/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.42
KAFB-106123-450	SV123-450-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.32
KAFB-106123-450	SV123-450-212	4/12/2021	N	Vinyl chloride	< 0.83	U	ug/m3	N	0.28
KAFB-106123-450	SV123-450-212	4/12/2021	N	Methylene chloride	2.8		ug/m3	Y	0.73
KAFB-106123-450	SV123-450-212	4/12/2021	N	Carbon disulfide	4.1	J	ug/m3	Y	0.78
KAFB-106123-450	SV123-450-212	4/12/2021	N	Bromoform	0.99	J	ug/m3	Y	0.54
KAFB-106123-450	SV123-450-212	4/12/2021	N	Bromodichloromethane	13		ug/m3	Y	0.38
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106123-450	SV123-450-212	4/12/2021	N	Trichlorofluoromethane	48		ug/m3	Y	0.39
KAFB-106123-450	SV123-450-212	4/12/2021	N	Dichlorodifluoromethane	370		ug/m3	Y	0.42
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	13		ug/m3	Y	0.37
KAFB-106123-450	SV123-450-212	4/12/2021	N	2-Butanone	8.2		ug/m3	Y	0.54
KAFB-106123-450	SV123-450-212	4/12/2021	N	Trichloroethene	0.71	J	ug/m3	Y	0.35
KAFB-106123-450	SV123-450-212	4/12/2021	N	Naphthalene	0.9	J	ug/m3	Y	0.63
KAFB-106123-450	SV123-450-212	4/12/2021	N	o-Xylene	2.9		ug/m3	Y	0.38
KAFB-106123-450	SV123-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	10		ug/m3	Y	0.36
KAFB-106131-025	SV131-025-212	4/13/2021	N	Ethylbenzene	3.6		ug/m3	Y	0.39
KAFB-106131-025	SV131-025-212	4/13/2021	N	Styrene	< 1.7	U	ug/m3	N	0.45
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,2-Dibromoethane	< 0.89	U	ug/m3	N	0.32
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,2-Dichloroethane	< 0.89	U	ug/m3	N	0.31
KAFB-106131-025	SV131-025-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.89	U	ug/m3	N	0.38
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,3,5-Trimethylbenzene	8.1		ug/m3	Y	0.4
KAFB-106131-025	SV131-025-212	4/13/2021	N	Toluene	10		ug/m3	Y	0.34
KAFB-106131-025	SV131-025-212	4/13/2021	N	Tetrahydrofuran	0.63	J	ug/m3	Y	0.35
KAFB-106131-025	SV131-025-212	4/13/2021	N	Hexane	1	J	ug/m3	Y	0.57
KAFB-106131-025	SV131-025-212	4/13/2021	N	Cyclohexane	1.1	J	ug/m3	Y	0.78
KAFB-106131-025	SV131-025-212	4/13/2021	N	Propylene (propene)	1.6	J	ug/m3	Y	0.68
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.68
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,4-Dioxane	< 0.89	U	ug/m3	N	0.33
KAFB-106131-025	SV131-025-212	4/13/2021	N	Dibromochloromethane	< 0.89	U	ug/m3	N	0.37
KAFB-106131-025	SV131-025-212	4/13/2021	N	Tetrachloroethene	0.85	J	ug/m3	Y	0.36
KAFB-106131-025	SV131-025-212	4/13/2021	N	Xylenes, total	27		ug/m3	Y	0.73

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106131-025	SV131-025-212	4/13/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.5
KAFB-106131-025	SV131-025-212	4/13/2021	N	n-Heptane	3.2		ug/m3	Y	0.44
KAFB-106131-025	SV131-025-212	4/13/2021	N	m- & p-Xylenes	20		ug/m3	Y	0.73
KAFB-106131-025	SV131-025-212	4/13/2021	N	Carbon tetrachloride	12		ug/m3	Y	0.39
KAFB-106131-025	SV131-025-212	4/13/2021	N	2-Hexanone	< 0.89	U	ug/m3	N	0.34
KAFB-106131-025	SV131-025-212	4/13/2021	N	Ethanol	2.3	J	ug/m3	Y	1.9
KAFB-106131-025	SV131-025-212	4/13/2021	N	Isopropyl alcohol	< 3.3	U	ug/m3	N	1.1
KAFB-106131-025	SV131-025-212	4/13/2021	N	Acetone	15	J	ug/m3	Y	6.3
KAFB-106131-025	SV131-025-212	4/13/2021	N	Chloroform	2.3	J	ug/m3	Y	0.37
KAFB-106131-025	SV131-025-212	4/13/2021	N	Benzene	1.5	J	ug/m3	Y	0.4
KAFB-106131-025	SV131-025-212	4/13/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106131-025	SV131-025-212	4/13/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.34
KAFB-106131-025	SV131-025-212	4/13/2021	N	Vinyl chloride	< 0.89	U	ug/m3	N	0.3
KAFB-106131-025	SV131-025-212	4/13/2021	N	Methylene chloride	0.93	J	ug/m3	Y	0.78
KAFB-106131-025	SV131-025-212	4/13/2021	N	Carbon disulfide	2.7	J	ug/m3	Y	0.84
KAFB-106131-025	SV131-025-212	4/13/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.57
KAFB-106131-025	SV131-025-212	4/13/2021	N	Bromodichloromethane	< 0.89	U	ug/m3	N	0.4
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.41
KAFB-106131-025	SV131-025-212	4/13/2021	N	Trichlorofluoromethane	17		ug/m3	Y	0.42
KAFB-106131-025	SV131-025-212	4/13/2021	N	Dichlorodifluoromethane	140		ug/m3	Y	0.45
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	32		ug/m3	Y	0.4
KAFB-106131-025	SV131-025-212	4/13/2021	N	2-Butanone	2.7	J	ug/m3	Y	0.57
KAFB-106131-025	SV131-025-212	4/13/2021	N	Trichloroethene	< 0.89	U	ug/m3	N	0.38
KAFB-106131-025	SV131-025-212	4/13/2021	N	Naphthalene	6.8		ug/m3	Y	0.68
KAFB-106131-025	SV131-025-212	4/13/2021	N	o-Xylene	6.7		ug/m3	Y	0.4
KAFB-106131-025	SV131-025-212	4/13/2021	N	1,2,4-Trimethylbenzene	26		ug/m3	Y	0.39
KAFB-106131-055	SV131-055-212	4/13/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.36
KAFB-106131-055	SV131-055-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106131-055	SV131-055-212	4/13/2021	N	4-Methyl-2-pentanone	0.77	J	ug/m3	Y	0.35
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,3,5-Trimethylbenzene	1.4	J	ug/m3	Y	0.37
KAFB-106131-055	SV131-055-212	4/13/2021	N	Toluene	13		ug/m3	Y	0.31
KAFB-106131-055	SV131-055-212	4/13/2021	N	Tetrahydrofuran	1.7	J	ug/m3	Y	0.32
KAFB-106131-055	SV131-055-212	4/13/2021	N	Hexane	6.6		ug/m3	Y	0.53
KAFB-106131-055	SV131-055-212	4/13/2021	N	Cyclohexane	7.4		ug/m3	Y	0.72
KAFB-106131-055	SV131-055-212	4/13/2021	N	Propylene (propene)	3.4		ug/m3	Y	0.62
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106131-055	SV131-055-212	4/13/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106131-055	SV131-055-212	4/13/2021	N	Tetrachloroethene	0.5	J	ug/m3	Y	0.33
KAFB-106131-055	SV131-055-212	4/13/2021	N	Xylenes, total	7.1		ug/m3	Y	0.67
KAFB-106131-055	SV131-055-212	4/13/2021	N	Ethyl acetate	53		ug/m3	Y	1.3
KAFB-106131-055	SV131-055-212	4/13/2021	N	n-Heptane	7.2		ug/m3	Y	0.41
KAFB-106131-055	SV131-055-212	4/13/2021	N	m- & p-Xylenes	5.2		ug/m3	Y	0.67
KAFB-106131-055	SV131-055-212	4/13/2021	N	Carbon tetrachloride	14		ug/m3	Y	0.35
KAFB-106131-055	SV131-055-212	4/13/2021	N	2-Hexanone	< 0.81	U	ug/m3	N	0.32
KAFB-106131-055	SV131-055-212	4/13/2021	N	Ethanol	27		ug/m3	Y	1.8
KAFB-106131-055	SV131-055-212	4/13/2021	N	Isopropyl alcohol	11		ug/m3	Y	1.1
KAFB-106131-055	SV131-055-212	4/13/2021	N	Acetone	59		ug/m3	Y	5.7
KAFB-106131-055	SV131-055-212	4/13/2021	N	Chloroform	1.3	J	ug/m3	Y	0.34
KAFB-106131-055	SV131-055-212	4/13/2021	N	Benzene	1.7	J	ug/m3	Y	0.37
KAFB-106131-055	SV131-055-212	4/13/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106131-055	SV131-055-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106131-055	SV131-055-212	4/13/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106131-055	SV131-055-212	4/13/2021	N	Methylene chloride	2.8		ug/m3	Y	0.72
KAFB-106131-055	SV131-055-212	4/13/2021	N	Carbon disulfide	25		ug/m3	Y	0.76
KAFB-106131-055	SV131-055-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106131-055	SV131-055-212	4/13/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106131-055	SV131-055-212	4/13/2021	N	Trichlorofluoromethane	19		ug/m3	Y	0.39
KAFB-106131-055	SV131-055-212	4/13/2021	N	Dichlorodifluoromethane	150		ug/m3	Y	0.42
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	35		ug/m3	Y	0.36
KAFB-106131-055	SV131-055-212	4/13/2021	N	2-Butanone	8.8		ug/m3	Y	0.53
KAFB-106131-055	SV131-055-212	4/13/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106131-055	SV131-055-212	4/13/2021	N	Naphthalene	0.74	J	ug/m3	Y	0.62
KAFB-106131-055	SV131-055-212	4/13/2021	N	o-Xylene	1.9	J	ug/m3	Y	0.37
KAFB-106131-055	SV131-055-212	4/13/2021	N	1,2,4-Trimethylbenzene	4.5		ug/m3	Y	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.29
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106131-150	SV131-150-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.34
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,3,5-Trimethylbenzene	2.3	J	ug/m3	Y	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	Toluene	3.4		ug/m3	Y	0.3
KAFB-106131-150	SV131-150-212	4/13/2021	N	Tetrahydrofuran	8.3		ug/m3	Y	0.31
KAFB-106131-150	SV131-150-212	4/13/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106131-150	SV131-150-212	4/13/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106131-150	SV131-150-212	4/13/2021	N	Propylene (propene)	0.65	J	ug/m3	Y	0.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106131-150	SV131-150-212	4/13/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
KAFB-106131-150	SV131-150-212	4/13/2021	N	Tetrachloroethene	0.46	J	ug/m3	Y	0.32
KAFB-106131-150	SV131-150-212	4/13/2021	N	Xylenes, total	8.7		ug/m3	Y	0.64
KAFB-106131-150	SV131-150-212	4/13/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106131-150	SV131-150-212	4/13/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.39
KAFB-106131-150	SV131-150-212	4/13/2021	N	m- & p-Xylenes	6.7		ug/m3	Y	0.64
KAFB-106131-150	SV131-150-212	4/13/2021	N	Carbon tetrachloride	31		ug/m3	Y	0.34
KAFB-106131-150	SV131-150-212	4/13/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
KAFB-106131-150	SV131-150-212	4/13/2021	N	Ethanol	2.5	J	ug/m3	Y	1.7
KAFB-106131-150	SV131-150-212	4/13/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106131-150	SV131-150-212	4/13/2021	N	Acetone	14	J	ug/m3	Y	5.5
KAFB-106131-150	SV131-150-212	4/13/2021	N	Chloroform	1.9	J	ug/m3	Y	0.33
KAFB-106131-150	SV131-150-212	4/13/2021	N	Benzene	1.8	J	ug/m3	Y	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106131-150	SV131-150-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106131-150	SV131-150-212	4/13/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106131-150	SV131-150-212	4/13/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106131-150	SV131-150-212	4/13/2021	N	Carbon disulfide	9.5		ug/m3	Y	0.74
KAFB-106131-150	SV131-150-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106131-150	SV131-150-212	4/13/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106131-150	SV131-150-212	4/13/2021	N	Trichlorofluoromethane	53		ug/m3	Y	0.37
KAFB-106131-150	SV131-150-212	4/13/2021	N	Dichlorodifluoromethane	470		ug/m3	Y	0.4
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	45		ug/m3	Y	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	2-Butanone	2	J	ug/m3	Y	0.51
KAFB-106131-150	SV131-150-212	4/13/2021	N	Trichloroethene	0.63	J	ug/m3	Y	0.33
KAFB-106131-150	SV131-150-212	4/13/2021	N	Naphthalene	1.5	J	ug/m3	Y	0.6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106131-150	SV131-150-212	4/13/2021	N	o-Xylene	2	J	ug/m3	Y	0.35
KAFB-106131-150	SV131-150-212	4/13/2021	N	1,2,4-Trimethylbenzene	8.9		ug/m3	Y	0.34
KAFB-106131-245	SV131-245-212	4/13/2021	N	Dichlorodifluoromethane	450		ug/m3	Y	4
KAFB-106131-245	SV131-245-212	4/13/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.35
KAFB-106131-245	SV131-245-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106131-245	SV131-245-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,3,5-Trimethylbenzene	2.2	J	ug/m3	Y	0.36
KAFB-106131-245	SV131-245-212	4/13/2021	N	Toluene	3.1		ug/m3	Y	0.3
KAFB-106131-245	SV131-245-212	4/13/2021	N	Tetrahydrofuran	15		ug/m3	Y	0.31
KAFB-106131-245	SV131-245-212	4/13/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106131-245	SV131-245-212	4/13/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106131-245	SV131-245-212	4/13/2021	N	Propylene (propene)	0.68	J	ug/m3	Y	0.6
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,4-Dioxane	0.49	J	ug/m3	Y	0.29
KAFB-106131-245	SV131-245-212	4/13/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.32
KAFB-106131-245	SV131-245-212	4/13/2021	N	Tetrachloroethene	< 0.79	U	ug/m3	N	0.32
KAFB-106131-245	SV131-245-212	4/13/2021	N	Xylenes, total	8.5		ug/m3	Y	0.65
KAFB-106131-245	SV131-245-212	4/13/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106131-245	SV131-245-212	4/13/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.39
KAFB-106131-245	SV131-245-212	4/13/2021	N	m- & p-Xylenes	6.7		ug/m3	Y	0.65
KAFB-106131-245	SV131-245-212	4/13/2021	N	Carbon tetrachloride	38		ug/m3	Y	0.34
KAFB-106131-245	SV131-245-212	4/13/2021	N	2-Hexanone	0.66	J	ug/m3	Y	0.31
KAFB-106131-245	SV131-245-212	4/13/2021	N	Ethanol	9.3	J	ug/m3	Y	1.7
KAFB-106131-245	SV131-245-212	4/13/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106131-245	SV131-245-212	4/13/2021	N	Acetone	15	J	ug/m3	Y	5.6
KAFB-106131-245	SV131-245-212	4/13/2021	N	Chloroform	4.2		ug/m3	Y	0.33
KAFB-106131-245	SV131-245-212	4/13/2021	N	Benzene	5.4		ug/m3	Y	0.36
KAFB-106131-245	SV131-245-212	4/13/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106131-245	SV131-245-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106131-245	SV131-245-212	4/13/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.26
KAFB-106131-245	SV131-245-212	4/13/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106131-245	SV131-245-212	4/13/2021	N	Carbon disulfide	9.7		ug/m3	Y	0.74
KAFB-106131-245	SV131-245-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106131-245	SV131-245-212	4/13/2021	N	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106131-245	SV131-245-212	4/13/2021	N	Trichlorofluoromethane	54		ug/m3	Y	0.37
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	29		ug/m3	Y	0.35
KAFB-106131-245	SV131-245-212	4/13/2021	N	2-Butanone	2.5	J	ug/m3	Y	0.51
KAFB-106131-245	SV131-245-212	4/13/2021	N	Trichloroethene	0.44	J	ug/m3	Y	0.33
KAFB-106131-245	SV131-245-212	4/13/2021	N	Naphthalene	2.5		ug/m3	Y	0.6
KAFB-106131-245	SV131-245-212	4/13/2021	N	o-Xylene	1.9	J	ug/m3	Y	0.36
KAFB-106131-245	SV131-245-212	4/13/2021	N	1,2,4-Trimethylbenzene	8.9		ug/m3	Y	0.34
KAFB-106131-350	SV131-350-212	4/13/2021	N	Ethylbenzene	< 11	U	ug/m3	N	4.9
KAFB-106131-350	SV131-350-212	4/13/2021	N	Styrene	< 21	U	ug/m3	N	5.6
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,2-Dibromoethane	< 11	U	ug/m3	N	4
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,3-Butadiene	< 21	U	ug/m3	N	5.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,2-Dichloroethane	< 11	U	ug/m3	N	3.8
KAFB-106131-350	SV131-350-212	4/13/2021	N	4-Methyl-2-pentanone	< 11	U	ug/m3	N	4.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,3,5-Trimethylbenzene	5.5	J	ug/m3	Y	5
KAFB-106131-350	SV131-350-212	4/13/2021	N	Toluene	7.5	J	ug/m3	Y	4.2
KAFB-106131-350	SV131-350-212	4/13/2021	N	Tetrahydrofuran	< 11	U	ug/m3	N	4.4
KAFB-106131-350	SV131-350-212	4/13/2021	N	Hexane	350		ug/m3	Y	7.2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106131-350	SV131-350-212	4/13/2021	N	Cyclohexane	3300		ug/m3	Y	9.8
KAFB-106131-350	SV131-350-212	4/13/2021	N	Propylene (propene)	180		ug/m3	Y	8.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 21	U	ug/m3	N	8.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,4-Dioxane	< 11	U	ug/m3	N	4.1
KAFB-106131-350	SV131-350-212	4/13/2021	N	Dibromochloromethane	< 11	U	ug/m3	N	4.6
KAFB-106131-350	SV131-350-212	4/13/2021	N	Tetrachloroethene	17	J	ug/m3	Y	4.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	Xylenes, total	23	J	ug/m3	Y	9.1
KAFB-106131-350	SV131-350-212	4/13/2021	N	Ethyl acetate	< 42	U	ug/m3	N	18
KAFB-106131-350	SV131-350-212	4/13/2021	N	n-Heptane	< 21	U	ug/m3	N	5.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	m- & p-Xylenes	12	J	ug/m3	Y	9.1
KAFB-106131-350	SV131-350-212	4/13/2021	N	Carbon tetrachloride	12	J	ug/m3	Y	4.8
KAFB-106131-350	SV131-350-212	4/13/2021	N	2-Hexanone	< 11	U	ug/m3	N	4.3
KAFB-106131-350	SV131-350-212	4/13/2021	N	Ethanol	< 54	U	ug/m3	N	24
KAFB-106131-350	SV131-350-212	4/13/2021	N	Isopropyl alcohol	< 41	U	ug/m3	N	14
KAFB-106131-350	SV131-350-212	4/13/2021	N	Acetone	< 180	U	ug/m3	N	78
KAFB-106131-350	SV131-350-212	4/13/2021	N	Chloroform	< 11	U	ug/m3	N	4.6
KAFB-106131-350	SV131-350-212	4/13/2021	N	Benzene	< 11	U	ug/m3	N	5
KAFB-106131-350	SV131-350-212	4/13/2021	N	Chloromethane	< 21	U	ug/m3	N	5.6
KAFB-106131-350	SV131-350-212	4/13/2021	N	Chloroethane	< 21	U	ug/m3	N	4.3
KAFB-106131-350	SV131-350-212	4/13/2021	N	Vinyl chloride	< 11	U	ug/m3	N	3.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	Methylene chloride	< 21	U	ug/m3	N	9.8
KAFB-106131-350	SV131-350-212	4/13/2021	N	Carbon disulfide	130		ug/m3	Y	10
KAFB-106131-350	SV131-350-212	4/13/2021	N	Bromoform	< 21	U	ug/m3	N	7.2
KAFB-106131-350	SV131-350-212	4/13/2021	N	Bromodichloromethane	< 11	U	ug/m3	N	5
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,1-Dichloroethane	< 21	U	ug/m3	N	5.1
KAFB-106131-350	SV131-350-212	4/13/2021	N	Trichlorofluoromethane	980		ug/m3	Y	5.3
KAFB-106131-350	SV131-350-212	4/13/2021	N	Dichlorodifluoromethane	5600		ug/m3	Y	5.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	350		ug/m3	Y	4.9
KAFB-106131-350	SV131-350-212	4/13/2021	N	2-Butanone	< 21	U	ug/m3	N	7.2
KAFB-106131-350	SV131-350-212	4/13/2021	N	Trichloroethene	< 11	U	ug/m3	N	4.7
KAFB-106131-350	SV131-350-212	4/13/2021	N	Naphthalene	< 20	U	ug/m3	N	8.5
KAFB-106131-350	SV131-350-212	4/13/2021	N	o-Xylene	11	J	ug/m3	Y	5
KAFB-106131-350	SV131-350-212	4/13/2021	N	1,2,4-Trimethylbenzene	13	J	ug/m3	Y	4.8
KAFB-106131-450	SV131-450-212	4/13/2021	N	Ethylbenzene	140	J	ug/m3	Y	68
KAFB-106131-450	SV131-450-212	4/13/2021	N	Styrene	< 290	U	ug/m3	N	78
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,2-Dibromoethane	< 150	U	ug/m3	N	56
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,3-Butadiene	< 290	U	ug/m3	N	80
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,2-Dichloroethane	< 150	U	ug/m3	N	54
KAFB-106131-450	SV131-450-212	4/13/2021	N	4-Methyl-2-pentanone	< 150	U	ug/m3	N	66
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,3,5-Trimethylbenzene	130	J	ug/m3	Y	70
KAFB-106131-450	SV131-450-212	4/13/2021	N	Toluene	2700		ug/m3	Y	59
KAFB-106131-450	SV131-450-212	4/13/2021	N	Tetrahydrofuran	< 150	U	ug/m3	N	61
KAFB-106131-450	SV131-450-212	4/13/2021	N	Hexane	630		ug/m3	Y	100
KAFB-106131-450	SV131-450-212	4/13/2021	N	Cyclohexane	1900		ug/m3	Y	140
KAFB-106131-450	SV131-450-212	4/13/2021	N	Propylene (propene)	< 290	U	ug/m3	N	120
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 290	U	ug/m3	N	120
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,4-Dioxane	< 150	U	ug/m3	N	57
KAFB-106131-450	SV131-450-212	4/13/2021	N	Dibromochloromethane	< 150	U	ug/m3	N	64
KAFB-106131-450	SV131-450-212	4/13/2021	N	Tetrachloroethene	240	J	ug/m3	Y	63
KAFB-106131-450	SV131-450-212	4/13/2021	N	Xylenes, total	460	J	ug/m3	Y	130
KAFB-106131-450	SV131-450-212	4/13/2021	N	Ethyl acetate	< 590	U	ug/m3	N	250
KAFB-106131-450	SV131-450-212	4/13/2021	N	n-Heptane	940		ug/m3	Y	77
KAFB-106131-450	SV131-450-212	4/13/2021	N	m- & p-Xylenes	320	J	ug/m3	Y	130
KAFB-106131-450	SV131-450-212	4/13/2021	N	Carbon tetrachloride	< 150	U	ug/m3	N	67
KAFB-106131-450	SV131-450-212	4/13/2021	N	2-Hexanone	< 150	U	ug/m3	N	60

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106131-450	SV131-450-212	4/13/2021	N	Ethanol	< 760	U	ug/m3	N	340
KAFB-106131-450	SV131-450-212	4/13/2021	N	Isopropyl alcohol	< 570	U	ug/m3	N	200
KAFB-106131-450	SV131-450-212	4/13/2021	N	Acetone	< 2500	U	ug/m3	N	1100
KAFB-106131-450	SV131-450-212	4/13/2021	N	Chloroform	< 150	U	ug/m3	N	65
KAFB-106131-450	SV131-450-212	4/13/2021	N	Benzene	4500		ug/m3	Y	70
KAFB-106131-450	SV131-450-212	4/13/2021	N	Chloromethane	< 290	U	ug/m3	N	78
KAFB-106131-450	SV131-450-212	4/13/2021	N	Chloroethane	< 290	U	ug/m3	N	60
KAFB-106131-450	SV131-450-212	4/13/2021	N	Vinyl chloride	< 150	U	ug/m3	N	52
KAFB-106131-450	SV131-450-212	4/13/2021	N	Methylene chloride	< 290	U	ug/m3	N	140
KAFB-106131-450	SV131-450-212	4/13/2021	N	Carbon disulfide	340	J	ug/m3	Y	150
KAFB-106131-450	SV131-450-212	4/13/2021	N	Bromoform	< 290	U	ug/m3	N	100
KAFB-106131-450	SV131-450-212	4/13/2021	N	Bromodichloromethane	< 150	U	ug/m3	N	70
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,1-Dichloroethane	< 300	U	ug/m3	N	71
KAFB-106131-450	SV131-450-212	4/13/2021	N	Trichlorofluoromethane	1100		ug/m3	Y	74
KAFB-106131-450	SV131-450-212	4/13/2021	N	Dichlorodifluoromethane	6600		ug/m3	Y	79
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	390	J	ug/m3	Y	69
KAFB-106131-450	SV131-450-212	4/13/2021	N	2-Butanone	< 290	U	ug/m3	N	100
KAFB-106131-450	SV131-450-212	4/13/2021	N	Trichloroethene	< 150	U	ug/m3	N	66
KAFB-106131-450	SV131-450-212	4/13/2021	N	Naphthalene	< 280	U	ug/m3	N	120
KAFB-106131-450	SV131-450-212	4/13/2021	N	o-Xylene	150	J	ug/m3	Y	70
KAFB-106131-450	SV131-450-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 150	U	ug/m3	N	67
KAFB-106132-025	SV132-025-212	4/12/2021	N	Ethylbenzene	< 18	U	ug/m3	N	8
KAFB-106132-025	SV132-025-212	4/12/2021	N	Styrene	< 34	U	ug/m3	N	9.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,2-Dibromoethane	< 18	U	ug/m3	N	6.6
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,3-Butadiene	< 34	U	ug/m3	N	9.4
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,2-Dichloroethane	< 18	U	ug/m3	N	6.3
KAFB-106132-025	SV132-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 18	U	ug/m3	N	7.8
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 18	U	ug/m3	N	8.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	Toluene	< 18	U	ug/m3	N	6.9
KAFB-106132-025	SV132-025-212	4/12/2021	N	Tetrahydrofuran	< 18	U	ug/m3	N	7.1
KAFB-106132-025	SV132-025-212	4/12/2021	N	Hexane	< 34	U	ug/m3	N	12
KAFB-106132-025	SV132-025-212	4/12/2021	N	Cyclohexane	< 36	U	ug/m3	N	16
KAFB-106132-025	SV132-025-212	4/12/2021	N	Propylene (propene)	< 34	U	ug/m3	N	14
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 34	U	ug/m3	N	14
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,4-Dioxane	< 18	U	ug/m3	N	6.7
KAFB-106132-025	SV132-025-212	4/12/2021	N	Dibromochloromethane	< 18	U	ug/m3	N	7.5
KAFB-106132-025	SV132-025-212	4/12/2021	N	Tetrachloroethene	23	J	ug/m3	Y	7.3
KAFB-106132-025	SV132-025-212	4/12/2021	N	Xylenes, total	< 36	U	ug/m3	N	15
KAFB-106132-025	SV132-025-212	4/12/2021	N	Ethyl acetate	< 69	U	ug/m3	N	30
KAFB-106132-025	SV132-025-212	4/12/2021	N	n-Heptane	< 34	U	ug/m3	N	9.1
KAFB-106132-025	SV132-025-212	4/12/2021	N	m- & p-Xylenes	< 36	U	ug/m3	N	15
KAFB-106132-025	SV132-025-212	4/12/2021	N	Carbon tetrachloride	8.3	J	ug/m3	Y	7.9
KAFB-106132-025	SV132-025-212	4/12/2021	N	2-Hexanone	< 18	U	ug/m3	N	7
KAFB-106132-025	SV132-025-212	4/12/2021	N	Ethanol	< 88	U	ug/m3	N	39
KAFB-106132-025	SV132-025-212	4/12/2021	N	Isopropyl alcohol	< 67	U	ug/m3	N	23
KAFB-106132-025	SV132-025-212	4/12/2021	N	Acetone	< 290	U	ug/m3	N	130
KAFB-106132-025	SV132-025-212	4/12/2021	N	Chloroform	12	J	ug/m3	Y	7.6
KAFB-106132-025	SV132-025-212	4/12/2021	N	Benzene	< 18	U	ug/m3	N	8.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	Chloromethane	< 34	U	ug/m3	N	9.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	Chloroethane	< 34	U	ug/m3	N	7
KAFB-106132-025	SV132-025-212	4/12/2021	N	Vinyl chloride	< 18	U	ug/m3	N	6.1
KAFB-106132-025	SV132-025-212	4/12/2021	N	Methylene chloride	< 34	U	ug/m3	N	16
KAFB-106132-025	SV132-025-212	4/12/2021	N	Carbon disulfide	< 58	U	ug/m3	N	17
KAFB-106132-025	SV132-025-212	4/12/2021	N	Bromoform	< 34	U	ug/m3	N	12
KAFB-106132-025	SV132-025-212	4/12/2021	N	Bromodichloromethane	< 18	U	ug/m3	N	8.2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,1-Dichloroethane	< 35	U	ug/m3	N	8.3
KAFB-106132-025	SV132-025-212	4/12/2021	N	Trichlorofluoromethane	< 34	U	ug/m3	N	8.6
KAFB-106132-025	SV132-025-212	4/12/2021	N	Dichlorodifluoromethane	< 34	U	ug/m3	N	9.3
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	14	J	ug/m3	Y	8.1
KAFB-106132-025	SV132-025-212	4/12/2021	N	2-Butanone	< 34	U	ug/m3	N	12
KAFB-106132-025	SV132-025-212	4/12/2021	N	Trichloroethene	7600		ug/m3	Y	7.7
KAFB-106132-025	SV132-025-212	4/12/2021	N	Naphthalene	< 33	U	ug/m3	N	14
KAFB-106132-025	SV132-025-212	4/12/2021	N	o-Xylene	< 18	U	ug/m3	N	8.2
KAFB-106132-025	SV132-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 18	U	ug/m3	N	7.9
KAFB-106132-050	SV132-050-212	4/12/2021	N	Ethylbenzene	< 23	U	ug/m3	N	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	Styrene	< 43	U	ug/m3	N	11
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,2-Dibromoethane	< 23	U	ug/m3	N	8.2
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,3-Butadiene	< 43	U	ug/m3	N	12
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,2-Dichloroethane	< 23	U	ug/m3	N	7.8
KAFB-106132-050	SV132-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 23	U	ug/m3	N	9.7
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 23	U	ug/m3	N	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	Toluene	< 23	U	ug/m3	N	8.6
KAFB-106132-050	SV132-050-212	4/12/2021	N	Tetrahydrofuran	< 23	U	ug/m3	N	8.9
KAFB-106132-050	SV132-050-212	4/12/2021	N	Hexane	< 43	U	ug/m3	N	15
KAFB-106132-050	SV132-050-212	4/12/2021	N	Cyclohexane	< 45	U	ug/m3	N	20
KAFB-106132-050	SV132-050-212	4/12/2021	N	Propylene (propene)	< 43	U	ug/m3	N	17
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 43	U	ug/m3	N	17
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,4-Dioxane	< 23	U	ug/m3	N	8.4
KAFB-106132-050	SV132-050-212	4/12/2021	N	Dibromochloromethane	< 23	U	ug/m3	N	9.3
KAFB-106132-050	SV132-050-212	4/12/2021	N	Tetrachloroethene	50	J	ug/m3	Y	9.2
KAFB-106132-050	SV132-050-212	4/12/2021	N	Xylenes, total	< 45	U	ug/m3	N	19
KAFB-106132-050	SV132-050-212	4/12/2021	N	Ethyl acetate	< 86	U	ug/m3	N	37
KAFB-106132-050	SV132-050-212	4/12/2021	N	n-Heptane	< 43	U	ug/m3	N	11
KAFB-106132-050	SV132-050-212	4/12/2021	N	m- & p-Xylenes	< 45	U	ug/m3	N	19
KAFB-106132-050	SV132-050-212	4/12/2021	N	Carbon tetrachloride	12	J	ug/m3	Y	9.8
KAFB-106132-050	SV132-050-212	4/12/2021	N	2-Hexanone	< 23	U	ug/m3	N	8.8
KAFB-106132-050	SV132-050-212	4/12/2021	N	Ethanol	< 110	U	ug/m3	N	49
KAFB-106132-050	SV132-050-212	4/12/2021	N	Isopropyl alcohol	< 84	U	ug/m3	N	29
KAFB-106132-050	SV132-050-212	4/12/2021	N	Acetone	< 360	U	ug/m3	N	160
KAFB-106132-050	SV132-050-212	4/12/2021	N	Chloroform	19	J	ug/m3	Y	9.4
KAFB-106132-050	SV132-050-212	4/12/2021	N	Benzene	< 23	U	ug/m3	N	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	Chloromethane	< 43	U	ug/m3	N	11
KAFB-106132-050	SV132-050-212	4/12/2021	N	Chloroethane	< 43	U	ug/m3	N	8.8
KAFB-106132-050	SV132-050-212	4/12/2021	N	Vinyl chloride	< 23	U	ug/m3	N	7.6
KAFB-106132-050	SV132-050-212	4/12/2021	N	Methylene chloride	< 43	U	ug/m3	N	20
KAFB-106132-050	SV132-050-212	4/12/2021	N	Carbon disulfide	< 72	U	ug/m3	N	21
KAFB-106132-050	SV132-050-212	4/12/2021	N	Bromoform	< 43	U	ug/m3	N	15
KAFB-106132-050	SV132-050-212	4/12/2021	N	Bromodichloromethane	< 23	U	ug/m3	N	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,1-Dichloroethane	< 44	U	ug/m3	N	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	Trichlorofluoromethane	< 43	U	ug/m3	N	11
KAFB-106132-050	SV132-050-212	4/12/2021	N	Dichlorodifluoromethane	< 43	U	ug/m3	N	12
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	18	J	ug/m3	Y	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	2-Butanone	< 43	U	ug/m3	N	15
KAFB-106132-050	SV132-050-212	4/12/2021	N	Trichloroethene	12000		ug/m3	Y	9.6
KAFB-106132-050	SV132-050-212	4/12/2021	N	Naphthalene	< 41	U	ug/m3	N	17
KAFB-106132-050	SV132-050-212	4/12/2021	N	o-Xylene	< 23	U	ug/m3	N	10
KAFB-106132-050	SV132-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 23	U	ug/m3	N	9.8
KAFB-106132-175	SV132-175-212	4/12/2021	N	Ethylbenzene	< 53	U	ug/m3	N	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	Styrene	< 100	U	ug/m3	N	27
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,2-Dibromoethane	< 53	U	ug/m3	N	19

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,3-Butadiene	< 100	U	ug/m3	N	28
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,2-Dichloroethane	< 53	U	ug/m3	N	18
KAFB-106132-175	SV132-175-212	4/12/2021	N	4-Methyl-2-pentanone	< 53	U	ug/m3	N	23
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 53	U	ug/m3	N	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	Toluene	< 53	U	ug/m3	N	20
KAFB-106132-175	SV132-175-212	4/12/2021	N	Tetrahydrofuran	< 53	U	ug/m3	N	21
KAFB-106132-175	SV132-175-212	4/12/2021	N	Hexane	< 100	U	ug/m3	N	34
KAFB-106132-175	SV132-175-212	4/12/2021	N	Cyclohexane	< 110	U	ug/m3	N	47
KAFB-106132-175	SV132-175-212	4/12/2021	N	Propylene (propene)	< 100	U	ug/m3	N	41
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 100	U	ug/m3	N	41
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,4-Dioxane	< 53	U	ug/m3	N	20
KAFB-106132-175	SV132-175-212	4/12/2021	N	Dibromochloromethane	< 53	U	ug/m3	N	22
KAFB-106132-175	SV132-175-212	4/12/2021	N	Tetrachloroethene	100	J	ug/m3	Y	22
KAFB-106132-175	SV132-175-212	4/12/2021	N	Xylenes, total	< 110	U	ug/m3	N	44
KAFB-106132-175	SV132-175-212	4/12/2021	N	Ethyl acetate	< 200	U	ug/m3	N	88
KAFB-106132-175	SV132-175-212	4/12/2021	N	n-Heptane	< 100	U	ug/m3	N	27
KAFB-106132-175	SV132-175-212	4/12/2021	N	m- & p-Xylenes	< 110	U	ug/m3	N	44
KAFB-106132-175	SV132-175-212	4/12/2021	N	Carbon tetrachloride	27	J	ug/m3	Y	23
KAFB-106132-175	SV132-175-212	4/12/2021	N	2-Hexanone	< 53	U	ug/m3	N	21
KAFB-106132-175	SV132-175-212	4/12/2021	N	Ethanol	290	J	ug/m3	Y	120
KAFB-106132-175	SV132-175-212	4/12/2021	N	Isopropyl alcohol	< 200	U	ug/m3	N	69
KAFB-106132-175	SV132-175-212	4/12/2021	N	Acetone	< 850	U	ug/m3	N	380
KAFB-106132-175	SV132-175-212	4/12/2021	N	Chloroform	< 53	U	ug/m3	N	22
KAFB-106132-175	SV132-175-212	4/12/2021	N	Benzene	< 53	U	ug/m3	N	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	Chloromethane	< 100	U	ug/m3	N	27
KAFB-106132-175	SV132-175-212	4/12/2021	N	Chloroethane	< 100	U	ug/m3	N	21
KAFB-106132-175	SV132-175-212	4/12/2021	N	Vinyl chloride	< 53	U	ug/m3	N	18
KAFB-106132-175	SV132-175-212	4/12/2021	N	Methylene chloride	< 100	U	ug/m3	N	47
KAFB-106132-175	SV132-175-212	4/12/2021	N	Carbon disulfide	< 170	U	ug/m3	N	50
KAFB-106132-175	SV132-175-212	4/12/2021	N	Bromoform	< 100	U	ug/m3	N	34
KAFB-106132-175	SV132-175-212	4/12/2021	N	Bromodichloromethane	< 53	U	ug/m3	N	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,1-Dichloroethane	< 100	U	ug/m3	N	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	Trichlorofluoromethane	< 100	U	ug/m3	N	25
KAFB-106132-175	SV132-175-212	4/12/2021	N	Dichlorodifluoromethane	< 100	U	ug/m3	N	27
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	28	J	ug/m3	Y	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	2-Butanone	< 100	U	ug/m3	N	34
KAFB-106132-175	SV132-175-212	4/12/2021	N	Trichloroethene	30000		ug/m3	Y	23
KAFB-106132-175	SV132-175-212	4/12/2021	N	Naphthalene	< 97	U	ug/m3	N	41
KAFB-106132-175	SV132-175-212	4/12/2021	N	o-Xylene	< 53	U	ug/m3	N	24
KAFB-106132-175	SV132-175-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 53	U	ug/m3	N	23
KAFB-106132-250	SV132-250-212	4/12/2021	N	Ethylbenzene	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	Styrene	< 64	U	ug/m3	N	17
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,2-Dibromoethane	< 34	U	ug/m3	N	12
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,3-Butadiene	< 64	U	ug/m3	N	18
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,2-Dichloroethane	< 34	U	ug/m3	N	12
KAFB-106132-250	SV132-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	Toluene	< 34	U	ug/m3	N	13
KAFB-106132-250	SV132-250-212	4/12/2021	N	Tetrahydrofuran	150	J	ug/m3	Y	13
KAFB-106132-250	SV132-250-212	4/12/2021	N	Hexane	< 64	U	ug/m3	N	22
KAFB-106132-250	SV132-250-212	4/12/2021	N	Cyclohexane	< 68	U	ug/m3	N	30
KAFB-106132-250	SV132-250-212	4/12/2021	N	Propylene (propene)	< 64	U	ug/m3	N	26
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 64	U	ug/m3	N	26
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,4-Dioxane	< 34	U	ug/m3	N	13
KAFB-106132-250	SV132-250-212	4/12/2021	N	Dibromochloromethane	< 34	U	ug/m3	N	14

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106132-250	SV132-250-212	4/12/2021	N	Tetrachloroethene	52	J	ug/m3	Y	14
KAFB-106132-250	SV132-250-212	4/12/2021	N	Xylenes, total	< 68	U	ug/m3	N	28
KAFB-106132-250	SV132-250-212	4/12/2021	N	Ethyl acetate	< 130	U	ug/m3	N	56
KAFB-106132-250	SV132-250-212	4/12/2021	N	n-Heptane	< 64	U	ug/m3	N	17
KAFB-106132-250	SV132-250-212	4/12/2021	N	m- & p-Xylenes	< 68	U	ug/m3	N	28
KAFB-106132-250	SV132-250-212	4/12/2021	N	Carbon tetrachloride	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	2-Hexanone	< 34	U	ug/m3	N	13
KAFB-106132-250	SV132-250-212	4/12/2021	N	Ethanol	120	J	ug/m3	Y	74
KAFB-106132-250	SV132-250-212	4/12/2021	N	Isopropyl alcohol	< 130	U	ug/m3	N	44
KAFB-106132-250	SV132-250-212	4/12/2021	N	Acetone	< 540	U	ug/m3	N	240
KAFB-106132-250	SV132-250-212	4/12/2021	N	Chloroform	34	J	ug/m3	Y	14
KAFB-106132-250	SV132-250-212	4/12/2021	N	Benzene	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	Chloromethane	< 64	U	ug/m3	N	17
KAFB-106132-250	SV132-250-212	4/12/2021	N	Chloroethane	< 64	U	ug/m3	N	13
KAFB-106132-250	SV132-250-212	4/12/2021	N	Vinyl chloride	< 34	U	ug/m3	N	11
KAFB-106132-250	SV132-250-212	4/12/2021	N	Methylene chloride	< 64	U	ug/m3	N	30
KAFB-106132-250	SV132-250-212	4/12/2021	N	Carbon disulfide	< 110	U	ug/m3	N	32
KAFB-106132-250	SV132-250-212	4/12/2021	N	Bromoform	< 64	U	ug/m3	N	22
KAFB-106132-250	SV132-250-212	4/12/2021	N	Bromodichloromethane	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,1-Dichloroethane	< 66	U	ug/m3	N	16
KAFB-106132-250	SV132-250-212	4/12/2021	N	Trichlorofluoromethane	< 64	U	ug/m3	N	16
KAFB-106132-250	SV132-250-212	4/12/2021	N	Dichlorodifluoromethane	< 64	U	ug/m3	N	17
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	2-Butanone	< 64	U	ug/m3	N	22
KAFB-106132-250	SV132-250-212	4/12/2021	N	Trichloroethene	19000		ug/m3	Y	14
KAFB-106132-250	SV132-250-212	4/12/2021	N	Naphthalene	< 62	U	ug/m3	N	26
KAFB-106132-250	SV132-250-212	4/12/2021	N	o-Xylene	< 34	U	ug/m3	N	15
KAFB-106132-250	SV132-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 34	U	ug/m3	N	15
KAFB-106132-350	SV132-350-212	4/12/2021	N	Ethylbenzene	< 0.85	U	ug/m3	N	0.38
KAFB-106132-350	SV132-350-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.3
KAFB-106132-350	SV132-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.37
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.85	U	ug/m3	N	0.39
KAFB-106132-350	SV132-350-212	4/12/2021	N	Toluene	0.85	J	ug/m3	Y	0.33
KAFB-106132-350	SV132-350-212	4/12/2021	N	Tetrahydrofuran	1.3	J	ug/m3	Y	0.34
KAFB-106132-350	SV132-350-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106132-350	SV132-350-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.75
KAFB-106132-350	SV132-350-212	4/12/2021	N	Propylene (propene)	4.7		ug/m3	Y	0.65
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.32
KAFB-106132-350	SV132-350-212	4/12/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106132-350	SV132-350-212	4/12/2021	N	Tetrachloroethene	1.1	J	ug/m3	Y	0.35
KAFB-106132-350	SV132-350-212	4/12/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.7
KAFB-106132-350	SV132-350-212	4/12/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106132-350	SV132-350-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106132-350	SV132-350-212	4/12/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.7
KAFB-106132-350	SV132-350-212	4/12/2021	N	Carbon tetrachloride	0.84	J	ug/m3	Y	0.37
KAFB-106132-350	SV132-350-212	4/12/2021	N	2-Hexanone	0.97	J	ug/m3	Y	0.33
KAFB-106132-350	SV132-350-212	4/12/2021	N	Ethanol	32		ug/m3	Y	1.9
KAFB-106132-350	SV132-350-212	4/12/2021	N	Isopropyl alcohol	6.1		ug/m3	Y	1.1
KAFB-106132-350	SV132-350-212	4/12/2021	N	Acetone	13	J	ug/m3	Y	6
KAFB-106132-350	SV132-350-212	4/12/2021	N	Chloroform	5.7		ug/m3	Y	0.36
KAFB-106132-350	SV132-350-212	4/12/2021	N	Benzene	2.4	J	ug/m3	Y	0.39

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106132-350	SV132-350-212	4/12/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106132-350	SV132-350-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106132-350	SV132-350-212	4/12/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.29
KAFB-106132-350	SV132-350-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106132-350	SV132-350-212	4/12/2021	N	Carbon disulfide	9.8		ug/m3	Y	0.8
KAFB-106132-350	SV132-350-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106132-350	SV132-350-212	4/12/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.39
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106132-350	SV132-350-212	4/12/2021	N	Trichlorofluoromethane	0.83	J	ug/m3	Y	0.41
KAFB-106132-350	SV132-350-212	4/12/2021	N	Dichlorodifluoromethane	1.7	J	ug/m3	Y	0.44
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.62	J	ug/m3	Y	0.38
KAFB-106132-350	SV132-350-212	4/12/2021	N	2-Butanone	10		ug/m3	Y	0.55
KAFB-106132-350	SV132-350-212	4/12/2021	N	Trichloroethene	350		ug/m3	Y	0.36
KAFB-106132-350	SV132-350-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.65
KAFB-106132-350	SV132-350-212	4/12/2021	N	o-Xylene	< 0.85	U	ug/m3	N	0.39
KAFB-106132-350	SV132-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 0.85	U	ug/m3	N	0.37
KAFB-106132-450	SV132-450-212	4/12/2021	N	Trichloroethene	660		ug/m3	Y	3.9
KAFB-106132-450	SV132-450-212	4/12/2021	N	Ethylbenzene	< 0.92	U	ug/m3	N	0.41
KAFB-106132-450	SV132-450-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.47
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,2-Dibromoethane	< 0.92	U	ug/m3	N	0.34
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,2-Dichloroethane	1.5	J	ug/m3	Y	0.32
KAFB-106132-450	SV132-450-212	4/12/2021	N	4-Methyl-2-pentanone	1	J	ug/m3	Y	0.4
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.92	U	ug/m3	N	0.42
KAFB-106132-450	SV132-450-212	4/12/2021	N	Toluene	10		ug/m3	Y	0.35
KAFB-106132-450	SV132-450-212	4/12/2021	N	Tetrahydrofuran	28		ug/m3	Y	0.36
KAFB-106132-450	SV132-450-212	4/12/2021	N	Hexane	0.94	J	ug/m3	Y	0.6
KAFB-106132-450	SV132-450-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.81
KAFB-106132-450	SV132-450-212	4/12/2021	N	Propylene (propene)	110		ug/m3	Y	0.71
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.71
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,4-Dioxane	< 0.92	U	ug/m3	N	0.34
KAFB-106132-450	SV132-450-212	4/12/2021	N	Dibromochloromethane	< 0.92	U	ug/m3	N	0.38
KAFB-106132-450	SV132-450-212	4/12/2021	N	Tetrachloroethene	1.8	J	ug/m3	Y	0.37
KAFB-106132-450	SV132-450-212	4/12/2021	N	Xylenes, total	0.91	J	ug/m3	Y	0.76
KAFB-106132-450	SV132-450-212	4/12/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106132-450	SV132-450-212	4/12/2021	N	n-Heptane	0.61	J	ug/m3	Y	0.46
KAFB-106132-450	SV132-450-212	4/12/2021	N	m- & p-Xylenes	0.91	J	ug/m3	Y	0.76
KAFB-106132-450	SV132-450-212	4/12/2021	N	Carbon tetrachloride	0.73	J	ug/m3	Y	0.4
KAFB-106132-450	SV132-450-212	4/12/2021	N	2-Hexanone	1.2	J	ug/m3	Y	0.36
KAFB-106132-450	SV132-450-212	4/12/2021	N	Ethanol	46		ug/m3	Y	2
KAFB-106132-450	SV132-450-212	4/12/2021	N	Isopropyl alcohol	410		ug/m3	Y	1.2
KAFB-106132-450	SV132-450-212	4/12/2021	N	Acetone	47		ug/m3	Y	6.5
KAFB-106132-450	SV132-450-212	4/12/2021	N	Chloroform	1.4	J	ug/m3	Y	0.39
KAFB-106132-450	SV132-450-212	4/12/2021	N	Benzene	1.8	J	ug/m3	Y	0.42
KAFB-106132-450	SV132-450-212	4/12/2021	N	Chloromethane	7.8		ug/m3	Y	0.47
KAFB-106132-450	SV132-450-212	4/12/2021	N	Chloroethane	3.4		ug/m3	Y	0.36
KAFB-106132-450	SV132-450-212	4/12/2021	N	Vinyl chloride	4.2		ug/m3	Y	0.31
KAFB-106132-450	SV132-450-212	4/12/2021	N	Methylene chloride	0.81	J	ug/m3	Y	0.81
KAFB-106132-450	SV132-450-212	4/12/2021	N	Carbon disulfide	39		ug/m3	Y	0.87
KAFB-106132-450	SV132-450-212	4/12/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.6
KAFB-106132-450	SV132-450-212	4/12/2021	N	Bromodichloromethane	< 0.92	U	ug/m3	N	0.42
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,1-Dichloroethane	2.9	J	ug/m3	Y	0.42
KAFB-106132-450	SV132-450-212	4/12/2021	N	Trichlorofluoromethane	< 1.7	U	ug/m3	N	0.44
KAFB-106132-450	SV132-450-212	4/12/2021	N	Dichlorodifluoromethane	< 1.7	U	ug/m3	N	0.47
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.67	J	ug/m3	Y	0.41

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106132-450	SV132-450-212	4/12/2021	N	2-Butanone	15		ug/m3	Y	0.6
KAFB-106132-450	SV132-450-212	4/12/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.71
KAFB-106132-450	SV132-450-212	4/12/2021	N	o-Xylene	< 0.92	U	ug/m3	N	0.42
KAFB-106132-450	SV132-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.42	J	ug/m3	Y	0.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	Ethylbenzene	< 0.92	U	ug/m3	N	0.41
KAFB-106134-025	SV134-025-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,2-Dibromoethane	< 0.92	U	ug/m3	N	0.33
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.92	U	ug/m3	N	0.32
KAFB-106134-025	SV134-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.92	U	ug/m3	N	0.39
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.92	U	ug/m3	N	0.42
KAFB-106134-025	SV134-025-212	4/12/2021	N	Toluene	0.73	J	ug/m3	Y	0.35
KAFB-106134-025	SV134-025-212	4/12/2021	N	Tetrahydrofuran	< 0.92	U	ug/m3	N	0.36
KAFB-106134-025	SV134-025-212	4/12/2021	N	Hexane	< 1.7	U	ug/m3	N	0.59
KAFB-106134-025	SV134-025-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.81
KAFB-106134-025	SV134-025-212	4/12/2021	N	Propylene (propene)	0.79	J	ug/m3	Y	0.7
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.7
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,4-Dioxane	< 0.92	U	ug/m3	N	0.34
KAFB-106134-025	SV134-025-212	4/12/2021	N	Dibromochloromethane	< 0.92	U	ug/m3	N	0.38
KAFB-106134-025	SV134-025-212	4/12/2021	N	Tetrachloroethene	0.87	J	ug/m3	Y	0.37
KAFB-106134-025	SV134-025-212	4/12/2021	N	Xylenes, total	< 1.8	U	ug/m3	N	0.76
KAFB-106134-025	SV134-025-212	4/12/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106134-025	SV134-025-212	4/12/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.46
KAFB-106134-025	SV134-025-212	4/12/2021	N	m- & p-Xylenes	< 1.8	U	ug/m3	N	0.76
KAFB-106134-025	SV134-025-212	4/12/2021	N	Carbon tetrachloride	< 0.92	U	ug/m3	N	0.4
KAFB-106134-025	SV134-025-212	4/12/2021	N	2-Hexanone	0.73	J	ug/m3	Y	0.36
KAFB-106134-025	SV134-025-212	4/12/2021	N	Ethanol	22	J	ug/m3	Y	2
KAFB-106134-025	SV134-025-212	4/12/2021	N	Isopropyl alcohol	1.4	J	ug/m3	Y	1.2
KAFB-106134-025	SV134-025-212	4/12/2021	N	Acetone	7.9	J	ug/m3	Y	6.5
KAFB-106134-025	SV134-025-212	4/12/2021	N	Chloroform	< 0.92	U	ug/m3	N	0.38
KAFB-106134-025	SV134-025-212	4/12/2021	N	Benzene	< 0.92	U	ug/m3	N	0.42
KAFB-106134-025	SV134-025-212	4/12/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.46
KAFB-106134-025	SV134-025-212	4/12/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.36
KAFB-106134-025	SV134-025-212	4/12/2021	N	Vinyl chloride	< 0.92	U	ug/m3	N	0.31
KAFB-106134-025	SV134-025-212	4/12/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.81
KAFB-106134-025	SV134-025-212	4/12/2021	N	Carbon disulfide	1.8	J	ug/m3	Y	0.86
KAFB-106134-025	SV134-025-212	4/12/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.59
KAFB-106134-025	SV134-025-212	4/12/2021	N	Bromodichloromethane	< 0.92	U	ug/m3	N	0.42
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106134-025	SV134-025-212	4/12/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.44
KAFB-106134-025	SV134-025-212	4/12/2021	N	Dichlorodifluoromethane	2.5	J	ug/m3	Y	0.47
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	J	ug/m3	Y	0.41
KAFB-106134-025	SV134-025-212	4/12/2021	N	2-Butanone	7.5		ug/m3	Y	0.59
KAFB-106134-025	SV134-025-212	4/12/2021	N	Trichloroethene	25		ug/m3	Y	0.39
KAFB-106134-025	SV134-025-212	4/12/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.7
KAFB-106134-025	SV134-025-212	4/12/2021	N	o-Xylene	< 0.92	U	ug/m3	N	0.42
KAFB-106134-025	SV134-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 0.92	U	ug/m3	N	0.4
KAFB-106134-050	SV134-050-212	4/12/2021	N	Ethylbenzene	< 0.97	U	ug/m3	N	0.43
KAFB-106134-050	SV134-050-212	4/12/2021	N	Styrene	< 1.8	U	ug/m3	N	0.49
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.97	U	ug/m3	N	0.35
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.5
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.97	U	ug/m3	N	0.34
KAFB-106134-050	SV134-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.97	U	ug/m3	N	0.42
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.97	U	ug/m3	N	0.44
KAFB-106134-050	SV134-050-212	4/12/2021	N	Toluene	0.45	J	ug/m3	Y	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106134-050	SV134-050-212	4/12/2021	N	Tetrahydrofuran	< 0.97	U	ug/m3	N	0.38
KAFB-106134-050	SV134-050-212	4/12/2021	N	Hexane	< 1.8	U	ug/m3	N	0.63
KAFB-106134-050	SV134-050-212	4/12/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.86
KAFB-106134-050	SV134-050-212	4/12/2021	N	Propylene (propene)	0.85	J	ug/m3	Y	0.74
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.74
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,4-Dioxane	< 0.97	U	ug/m3	N	0.36
KAFB-106134-050	SV134-050-212	4/12/2021	N	Dibromochloromethane	< 0.97	U	ug/m3	N	0.4
KAFB-106134-050	SV134-050-212	4/12/2021	N	Tetrachloroethene	1.3	J	ug/m3	Y	0.39
KAFB-106134-050	SV134-050-212	4/12/2021	N	Xylenes, total	< 1.9	U	ug/m3	N	0.8
KAFB-106134-050	SV134-050-212	4/12/2021	N	Ethyl acetate	< 3.7	U	ug/m3	N	1.6
KAFB-106134-050	SV134-050-212	4/12/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.48
KAFB-106134-050	SV134-050-212	4/12/2021	N	m- & p-Xylenes	< 1.9	U	ug/m3	N	0.8
KAFB-106134-050	SV134-050-212	4/12/2021	N	Carbon tetrachloride	0.45	J	ug/m3	Y	0.42
KAFB-106134-050	SV134-050-212	4/12/2021	N	2-Hexanone	0.7	J	ug/m3	Y	0.38
KAFB-106134-050	SV134-050-212	4/12/2021	N	Ethanol	18	J	ug/m3	Y	2.1
KAFB-106134-050	SV134-050-212	4/12/2021	N	Isopropyl alcohol	1.5	J	ug/m3	Y	1.3
KAFB-106134-050	SV134-050-212	4/12/2021	N	Acetone	< 15	U	ug/m3	N	6.8
KAFB-106134-050	SV134-050-212	4/12/2021	N	Chloroform	< 0.97	U	ug/m3	N	0.4
KAFB-106134-050	SV134-050-212	4/12/2021	N	Benzene	< 0.97	U	ug/m3	N	0.44
KAFB-106134-050	SV134-050-212	4/12/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.49
KAFB-106134-050	SV134-050-212	4/12/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.38
KAFB-106134-050	SV134-050-212	4/12/2021	N	Vinyl chloride	< 0.97	U	ug/m3	N	0.32
KAFB-106134-050	SV134-050-212	4/12/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.86
KAFB-106134-050	SV134-050-212	4/12/2021	N	Carbon disulfide	< 3.1	U	ug/m3	N	0.91
KAFB-106134-050	SV134-050-212	4/12/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.63
KAFB-106134-050	SV134-050-212	4/12/2021	N	Bromodichloromethane	< 0.97	U	ug/m3	N	0.44
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.44
KAFB-106134-050	SV134-050-212	4/12/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.46
KAFB-106134-050	SV134-050-212	4/12/2021	N	Dichlorodifluoromethane	2.6	J	ug/m3	Y	0.5
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	J	ug/m3	Y	0.43
KAFB-106134-050	SV134-050-212	4/12/2021	N	2-Butanone	5.6	J	ug/m3	Y	0.63
KAFB-106134-050	SV134-050-212	4/12/2021	N	Trichloroethene	42		ug/m3	Y	0.41
KAFB-106134-050	SV134-050-212	4/12/2021	N	Naphthalene	< 1.8	U	ug/m3	N	0.74
KAFB-106134-050	SV134-050-212	4/12/2021	N	o-Xylene	< 0.97	U	ug/m3	N	0.44
KAFB-106134-050	SV134-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 0.97	U	ug/m3	N	0.42
KAFB-106134-170	SV134-170-212	4/12/2021	N	Ethylbenzene	< 0.9	U	ug/m3	N	0.4
KAFB-106134-170	SV134-170-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.45
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,2-Dibromoethane	< 0.9	U	ug/m3	N	0.33
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,2-Dichloroethane	< 0.9	U	ug/m3	N	0.31
KAFB-106134-170	SV134-170-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.9	U	ug/m3	N	0.39
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.9	U	ug/m3	N	0.41
KAFB-106134-170	SV134-170-212	4/12/2021	N	Toluene	0.43	J	ug/m3	Y	0.34
KAFB-106134-170	SV134-170-212	4/12/2021	N	Tetrahydrofuran	2.6	J	ug/m3	Y	0.35
KAFB-106134-170	SV134-170-212	4/12/2021	N	Hexane	< 1.7	U	ug/m3	N	0.58
KAFB-106134-170	SV134-170-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.79
KAFB-106134-170	SV134-170-212	4/12/2021	N	Propylene (propene)	0.84	J	ug/m3	Y	0.69
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.69
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,4-Dioxane	< 0.9	U	ug/m3	N	0.33
KAFB-106134-170	SV134-170-212	4/12/2021	N	Dibromochloromethane	< 0.9	U	ug/m3	N	0.37
KAFB-106134-170	SV134-170-212	4/12/2021	N	Tetrachloroethene	2.2	J	ug/m3	Y	0.36
KAFB-106134-170	SV134-170-212	4/12/2021	N	Xylenes, total	< 1.8	U	ug/m3	N	0.74
KAFB-106134-170	SV134-170-212	4/12/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.5
KAFB-106134-170	SV134-170-212	4/12/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.45
KAFB-106134-170	SV134-170-212	4/12/2021	N	m- & p-Xylenes	< 1.8	U	ug/m3	N	0.74

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106134-170	SV134-170-212	4/12/2021	N	Carbon tetrachloride	0.78	J	ug/m3	Y	0.39
KAFB-106134-170	SV134-170-212	4/12/2021	N	2-Hexanone	0.88	J	ug/m3	Y	0.35
KAFB-106134-170	SV134-170-212	4/12/2021	N	Ethanol	21	J	ug/m3	Y	2
KAFB-106134-170	SV134-170-212	4/12/2021	N	Isopropyl alcohol	1.7	J	ug/m3	Y	1.2
KAFB-106134-170	SV134-170-212	4/12/2021	N	Acetone	32		ug/m3	Y	6.3
KAFB-106134-170	SV134-170-212	4/12/2021	N	Chloroform	0.83	J	ug/m3	Y	0.37
KAFB-106134-170	SV134-170-212	4/12/2021	N	Benzene	0.69	J	ug/m3	Y	0.41
KAFB-106134-170	SV134-170-212	4/12/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106134-170	SV134-170-212	4/12/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.35
KAFB-106134-170	SV134-170-212	4/12/2021	N	Vinyl chloride	< 0.9	U	ug/m3	N	0.3
KAFB-106134-170	SV134-170-212	4/12/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.79
KAFB-106134-170	SV134-170-212	4/12/2021	N	Carbon disulfide	6.2		ug/m3	Y	0.84
KAFB-106134-170	SV134-170-212	4/12/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.58
KAFB-106134-170	SV134-170-212	4/12/2021	N	Bromodichloromethane	< 0.9	U	ug/m3	N	0.41
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.41
KAFB-106134-170	SV134-170-212	4/12/2021	N	Trichlorofluoromethane	0.93	J	ug/m3	Y	0.43
KAFB-106134-170	SV134-170-212	4/12/2021	N	Dichlorodifluoromethane	2.3	J	ug/m3	Y	0.46
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	J	ug/m3	Y	0.4
KAFB-106134-170	SV134-170-212	4/12/2021	N	2-Butanone	10		ug/m3	Y	0.58
KAFB-106134-170	SV134-170-212	4/12/2021	N	Trichloroethene	140		ug/m3	Y	0.38
KAFB-106134-170	SV134-170-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.69
KAFB-106134-170	SV134-170-212	4/12/2021	N	o-Xylene	< 0.9	U	ug/m3	N	0.41
KAFB-106134-170	SV134-170-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 0.9	U	ug/m3	N	0.39
KAFB-106134-250	SV134-250-212	4/12/2021	N	Ethylbenzene	0.77	J	ug/m3	Y	0.38
KAFB-106134-250	SV134-250-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106134-250	SV134-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
KAFB-106134-250	SV134-250-212	4/12/2021	N	Toluene	0.47	J	ug/m3	Y	0.33
KAFB-106134-250	SV134-250-212	4/12/2021	N	Tetrahydrofuran	< 0.86	U	ug/m3	N	0.34
KAFB-106134-250	SV134-250-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106134-250	SV134-250-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.76
KAFB-106134-250	SV134-250-212	4/12/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.66
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
KAFB-106134-250	SV134-250-212	4/12/2021	N	Dibromochloromethane	< 0.86	U	ug/m3	N	0.35
KAFB-106134-250	SV134-250-212	4/12/2021	N	Tetrachloroethene	140		ug/m3	Y	0.35
KAFB-106134-250	SV134-250-212	4/12/2021	N	Xylenes, total	3	J	ug/m3	Y	0.71
KAFB-106134-250	SV134-250-212	4/12/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106134-250	SV134-250-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106134-250	SV134-250-212	4/12/2021	N	m- & p-Xylenes	2.2	J	ug/m3	Y	0.71
KAFB-106134-250	SV134-250-212	4/12/2021	N	Carbon tetrachloride	< 0.86	U	ug/m3	N	0.37
KAFB-106134-250	SV134-250-212	4/12/2021	N	2-Hexanone	< 0.86	U	ug/m3	N	0.33
KAFB-106134-250	SV134-250-212	4/12/2021	N	Ethanol	3.9	J	ug/m3	Y	1.9
KAFB-106134-250	SV134-250-212	4/12/2021	N	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106134-250	SV134-250-212	4/12/2021	N	Acetone	< 14	U	ug/m3	N	6.1
KAFB-106134-250	SV134-250-212	4/12/2021	N	Chloroform	< 0.86	U	ug/m3	N	0.36
KAFB-106134-250	SV134-250-212	4/12/2021	N	Benzene	< 0.86	U	ug/m3	N	0.39
KAFB-106134-250	SV134-250-212	4/12/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106134-250	SV134-250-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106134-250	SV134-250-212	4/12/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
KAFB-106134-250	SV134-250-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.76
KAFB-106134-250	SV134-250-212	4/12/2021	N	Carbon disulfide	< 2.7	U	ug/m3	N	0.81

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106134-250	SV134-250-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106134-250	SV134-250-212	4/12/2021	N	Bromodichloromethane	< 0.86	U	ug/m3	N	0.39
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106134-250	SV134-250-212	4/12/2021	N	Trichlorofluoromethane	< 1.6	U	ug/m3	N	0.41
KAFB-106134-250	SV134-250-212	4/12/2021	N	Dichlorodifluoromethane	< 1.6	U	ug/m3	N	0.44
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.86	U	ug/m3	N	0.38
KAFB-106134-250	SV134-250-212	4/12/2021	N	2-Butanone	< 1.6	U	ug/m3	N	0.56
KAFB-106134-250	SV134-250-212	4/12/2021	N	Trichloroethene	2	J	ug/m3	Y	0.36
KAFB-106134-250	SV134-250-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106134-250	SV134-250-212	4/12/2021	N	o-Xylene	0.72	J	ug/m3	Y	0.39
KAFB-106134-250	SV134-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.71	J	ug/m3	Y	0.37
KAFB-106134-350	SV134-350-212	4/12/2021	N	Ethylbenzene	< 0.89	U	ug/m3	N	0.39
KAFB-106134-350	SV134-350-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.45
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.89	U	ug/m3	N	0.32
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.89	U	ug/m3	N	0.31
KAFB-106134-350	SV134-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.89	U	ug/m3	N	0.38
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.89	U	ug/m3	N	0.4
KAFB-106134-350	SV134-350-212	4/12/2021	N	Toluene	0.52	J	ug/m3	Y	0.34
KAFB-106134-350	SV134-350-212	4/12/2021	N	Tetrahydrofuran	5.3		ug/m3	Y	0.35
KAFB-106134-350	SV134-350-212	4/12/2021	N	Hexane	< 1.7	U	ug/m3	N	0.57
KAFB-106134-350	SV134-350-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.78
KAFB-106134-350	SV134-350-212	4/12/2021	N	Propylene (propene)	1.2	J	ug/m3	Y	0.68
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.68
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,4-Dioxane	< 0.89	U	ug/m3	N	0.33
KAFB-106134-350	SV134-350-212	4/12/2021	N	Dibromochloromethane	< 0.89	U	ug/m3	N	0.37
KAFB-106134-350	SV134-350-212	4/12/2021	N	Tetrachloroethene	0.83	J	ug/m3	Y	0.36
KAFB-106134-350	SV134-350-212	4/12/2021	N	Xylenes, total	< 1.8	U	ug/m3	N	0.73
KAFB-106134-350	SV134-350-212	4/12/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.5
KAFB-106134-350	SV134-350-212	4/12/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.44
KAFB-106134-350	SV134-350-212	4/12/2021	N	m- & p-Xylenes	< 1.8	U	ug/m3	N	0.73
KAFB-106134-350	SV134-350-212	4/12/2021	N	Carbon tetrachloride	0.6	J	ug/m3	Y	0.39
KAFB-106134-350	SV134-350-212	4/12/2021	N	2-Hexanone	0.84	J	ug/m3	Y	0.34
KAFB-106134-350	SV134-350-212	4/12/2021	N	Ethanol	23	J	ug/m3	Y	1.9
KAFB-106134-350	SV134-350-212	4/12/2021	N	Isopropyl alcohol	1.8	J	ug/m3	Y	1.1
KAFB-106134-350	SV134-350-212	4/12/2021	N	Acetone	7.7	J	ug/m3	Y	6.3
KAFB-106134-350	SV134-350-212	4/12/2021	N	Chloroform	0.96	J	ug/m3	Y	0.37
KAFB-106134-350	SV134-350-212	4/12/2021	N	Benzene	0.93	J	ug/m3	Y	0.4
KAFB-106134-350	SV134-350-212	4/12/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106134-350	SV134-350-212	4/12/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.34
KAFB-106134-350	SV134-350-212	4/12/2021	N	Vinyl chloride	< 0.89	U	ug/m3	N	0.3
KAFB-106134-350	SV134-350-212	4/12/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.78
KAFB-106134-350	SV134-350-212	4/12/2021	N	Carbon disulfide	11		ug/m3	Y	0.84
KAFB-106134-350	SV134-350-212	4/12/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.57
KAFB-106134-350	SV134-350-212	4/12/2021	N	Bromodichloromethane	< 0.89	U	ug/m3	N	0.4
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.41
KAFB-106134-350	SV134-350-212	4/12/2021	N	Trichlorofluoromethane	0.79	J	ug/m3	Y	0.42
KAFB-106134-350	SV134-350-212	4/12/2021	N	Dichlorodifluoromethane	2	J	ug/m3	Y	0.45
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1	J	ug/m3	Y	0.4
KAFB-106134-350	SV134-350-212	4/12/2021	N	2-Butanone	9.1		ug/m3	Y	0.57
KAFB-106134-350	SV134-350-212	4/12/2021	N	Trichloroethene	79		ug/m3	Y	0.38
KAFB-106134-350	SV134-350-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.68
KAFB-106134-350	SV134-350-212	4/12/2021	N	o-Xylene	< 0.89	U	ug/m3	N	0.4
KAFB-106134-350	SV134-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 0.89	U	ug/m3	N	0.39
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Ethylbenzene	< 0.83	U	ug/m3	N	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,2-Dibromoethane	< 0.83	U	ug/m3	N	0.3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,2-Dichloroethane	< 0.83	U	ug/m3	N	0.29
KAFB-106134-350	SV134-350-612	4/12/2021	FD	4-Methyl-2-pentanone	< 0.83	U	ug/m3	N	0.36
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,3,5-Trimethylbenzene	< 0.83	U	ug/m3	N	0.38
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Toluene	0.81	J	ug/m3	Y	0.32
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Tetrahydrofuran	5.4		ug/m3	Y	0.33
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Hexane	< 1.6	U	ug/m3	N	0.54
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Propylene (propene)	0.79	J	ug/m3	Y	0.64
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,4-Dioxane	< 0.83	U	ug/m3	N	0.31
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Dibromochloromethane	< 0.83	U	ug/m3	N	0.34
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Tetrachloroethene	0.85	J	ug/m3	Y	0.34
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Xylenes, total	< 1.7	U	ug/m3	N	0.69
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Ethyl acetate	1.9	J	ug/m3	Y	1.4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106134-350	SV134-350-612	4/12/2021	FD	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.69
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Carbon tetrachloride	0.65	J	ug/m3	Y	0.36
KAFB-106134-350	SV134-350-612	4/12/2021	FD	2-Hexanone	0.74	J	ug/m3	Y	0.32
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Ethanol	32		ug/m3	Y	1.8
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Isopropyl alcohol	1.5	J	ug/m3	Y	1.1
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Acetone	8.6	J	ug/m3	Y	5.9
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Chloroform	1	J	ug/m3	Y	0.35
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Benzene	1	J	ug/m3	Y	0.38
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Chloromethane	< 1.6	U	ug/m3	N	0.42
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Chloroethane	< 1.6	U	ug/m3	N	0.32
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Vinyl chloride	< 0.83	U	ug/m3	N	0.28
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Carbon disulfide	13		ug/m3	Y	0.78
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Bromodichloromethane	< 0.83	U	ug/m3	N	0.38
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Trichlorofluoromethane	0.77	J	ug/m3	Y	0.4
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Dichlorodifluoromethane	2	J	ug/m3	Y	0.43
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	1	J	ug/m3	Y	0.37
KAFB-106134-350	SV134-350-612	4/12/2021	FD	2-Butanone	8		ug/m3	Y	0.54
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Trichloroethene	80		ug/m3	Y	0.35
KAFB-106134-350	SV134-350-612	4/12/2021	FD	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106134-350	SV134-350-612	4/12/2021	FD	o-Xylene	< 0.83	U	ug/m3	N	0.38
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1,2,4-Trimethylbenzene	< 0.83	U	ug/m3	N	0.36
KAFB-106134-450	SV134-450-212	4/12/2021	N	Ethylbenzene	< 12	U	ug/m3	N	5.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	Styrene	< 23	U	ug/m3	N	6
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,2-Dibromoethane	< 12	U	ug/m3	N	4.4
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,3-Butadiene	< 23	U	ug/m3	N	6.2
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,2-Dichloroethane	< 12	U	ug/m3	N	4.1
KAFB-106134-450	SV134-450-212	4/12/2021	N	4-Methyl-2-pentanone	< 12	U	ug/m3	N	5.1
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	35	J	ug/m3	Y	5.4
KAFB-106134-450	SV134-450-212	4/12/2021	N	Toluene	18	J	ug/m3	Y	4.6
KAFB-106134-450	SV134-450-212	4/12/2021	N	Tetrahydrofuran	< 12	U	ug/m3	N	4.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	Hexane	130		ug/m3	Y	7.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	Cyclohexane	92		ug/m3	Y	11
KAFB-106134-450	SV134-450-212	4/12/2021	N	Propylene (propene)	< 23	U	ug/m3	N	9.1
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 23	U	ug/m3	N	9.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,4-Dioxane	< 12	U	ug/m3	N	4.4
KAFB-106134-450	SV134-450-212	4/12/2021	N	Dibromochloromethane	< 12	U	ug/m3	N	4.9
KAFB-106134-450	SV134-450-212	4/12/2021	N	Tetrachloroethene	< 12	U	ug/m3	N	4.9
KAFB-106134-450	SV134-450-212	4/12/2021	N	Xylenes, total	18	J	ug/m3	Y	9.8
KAFB-106134-450	SV134-450-212	4/12/2021	N	Ethyl acetate	< 46	U	ug/m3	N	20
KAFB-106134-450	SV134-450-212	4/12/2021	N	n-Heptane	16	J	ug/m3	Y	6
KAFB-106134-450	SV134-450-212	4/12/2021	N	m- & p-Xylenes	< 24	U	ug/m3	N	9.8
KAFB-106134-450	SV134-450-212	4/12/2021	N	Carbon tetrachloride	< 12	U	ug/m3	N	5.2
KAFB-106134-450	SV134-450-212	4/12/2021	N	2-Hexanone	< 12	U	ug/m3	N	4.6
KAFB-106134-450	SV134-450-212	4/12/2021	N	Ethanol	< 58	U	ug/m3	N	26
KAFB-106134-450	SV134-450-212	4/12/2021	N	Isopropyl alcohol	< 44	U	ug/m3	N	15
KAFB-106134-450	SV134-450-212	4/12/2021	N	Acetone	< 190	U	ug/m3	N	84
KAFB-106134-450	SV134-450-212	4/12/2021	N	Chloroform	< 12	U	ug/m3	N	5
KAFB-106134-450	SV134-450-212	4/12/2021	N	Benzene	130		ug/m3	Y	5.4
KAFB-106134-450	SV134-450-212	4/12/2021	N	Chloromethane	< 23	U	ug/m3	N	6
KAFB-106134-450	SV134-450-212	4/12/2021	N	Chloroethane	< 23	U	ug/m3	N	4.6
KAFB-106134-450	SV134-450-212	4/12/2021	N	Vinyl chloride	< 12	U	ug/m3	N	4
KAFB-106134-450	SV134-450-212	4/12/2021	N	Methylene chloride	< 23	U	ug/m3	N	11
KAFB-106134-450	SV134-450-212	4/12/2021	N	Carbon disulfide	41	J	ug/m3	Y	11
KAFB-106134-450	SV134-450-212	4/12/2021	N	Bromoform	< 23	U	ug/m3	N	7.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	Bromodichloromethane	< 12	U	ug/m3	N	5.4
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,1-Dichloroethane	< 23	U	ug/m3	N	5.5
KAFB-106134-450	SV134-450-212	4/12/2021	N	Trichlorofluoromethane	< 23	U	ug/m3	N	5.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	Dichlorodifluoromethane	< 23	U	ug/m3	N	6.1
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 12	U	ug/m3	N	5.3
KAFB-106134-450	SV134-450-212	4/12/2021	N	2-Butanone	< 23	U	ug/m3	N	7.7
KAFB-106134-450	SV134-450-212	4/12/2021	N	Trichloroethene	15	J	ug/m3	Y	5.1
KAFB-106134-450	SV134-450-212	4/12/2021	N	Naphthalene	< 22	U	ug/m3	N	9.1
KAFB-106134-450	SV134-450-212	4/12/2021	N	o-Xylene	18	J	ug/m3	Y	5.4
KAFB-106134-450	SV134-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 12	U	ug/m3	N	5.2
KAFB-106135-025	SV135-025-212	4/12/2021	N	Ethylbenzene	5.7		ug/m3	Y	0.36
KAFB-106135-025	SV135-025-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,2-Dibromoethane	0.58	J	ug/m3	Y	0.3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106135-025	SV135-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	52		ug/m3	Y	0.37
KAFB-106135-025	SV135-025-212	4/12/2021	N	Toluene	14		ug/m3	Y	0.31
KAFB-106135-025	SV135-025-212	4/12/2021	N	Tetrahydrofuran	0.34	J	ug/m3	Y	0.32
KAFB-106135-025	SV135-025-212	4/12/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106135-025	SV135-025-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106135-025	SV135-025-212	4/12/2021	N	Propylene (propene)	1.1	J	ug/m3	Y	0.63
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106135-025	SV135-025-212	4/12/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106135-025	SV135-025-212	4/12/2021	N	Tetrachloroethene	0.82	J	ug/m3	Y	0.33
KAFB-106135-025	SV135-025-212	4/12/2021	N	Xylenes, total	290		ug/m3	Y	0.68
KAFB-106135-025	SV135-025-212	4/12/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.4
KAFB-106135-025	SV135-025-212	4/12/2021	N	n-Heptane	0.51	J	ug/m3	Y	0.41
KAFB-106135-025	SV135-025-212	4/12/2021	N	m- & p-Xylenes	170		ug/m3	Y	0.68
KAFB-106135-025	SV135-025-212	4/12/2021	N	Carbon tetrachloride	0.6	J	ug/m3	Y	0.36
KAFB-106135-025	SV135-025-212	4/12/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106135-025	SV135-025-212	4/12/2021	N	Ethanol	3.6	J	ug/m3	Y	1.8
KAFB-106135-025	SV135-025-212	4/12/2021	N	Isopropyl alcohol	1.9	J	ug/m3	Y	1.1
KAFB-106135-025	SV135-025-212	4/12/2021	N	Acetone	7.7	J	ug/m3	Y	5.8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106135-025	SV135-025-212	4/12/2021	N	Chloroform	0.71	J	ug/m3	Y	0.34
KAFB-106135-025	SV135-025-212	4/12/2021	N	Benzene	1.1	J	ug/m3	Y	0.37
KAFB-106135-025	SV135-025-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106135-025	SV135-025-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106135-025	SV135-025-212	4/12/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106135-025	SV135-025-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106135-025	SV135-025-212	4/12/2021	N	Carbon disulfide	< 2.6	U	ug/m3	N	0.77
KAFB-106135-025	SV135-025-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106135-025	SV135-025-212	4/12/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106135-025	SV135-025-212	4/12/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.39
KAFB-106135-025	SV135-025-212	4/12/2021	N	Dichlorodifluoromethane	2.2	J	ug/m3	Y	0.42
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	J	ug/m3	Y	0.37
KAFB-106135-025	SV135-025-212	4/12/2021	N	2-Butanone	1.7	J	ug/m3	Y	0.53
KAFB-106135-025	SV135-025-212	4/12/2021	N	Trichloroethene	400		ug/m3	Y	0.35
KAFB-106135-025	SV135-025-212	4/12/2021	N	Naphthalene	1.8	J	ug/m3	Y	0.63
KAFB-106135-025	SV135-025-212	4/12/2021	N	o-Xylene	120		ug/m3	Y	0.37
KAFB-106135-025	SV135-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	68		ug/m3	Y	0.36
KAFB-106135-050	SV135-050-212	4/12/2021	N	Ethylbenzene	2	J	ug/m3	Y	0.39
KAFB-106135-050	SV135-050-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.88	U	ug/m3	N	0.32
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.88	U	ug/m3	N	0.3
KAFB-106135-050	SV135-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.88	U	ug/m3	N	0.38
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	20		ug/m3	Y	0.4
KAFB-106135-050	SV135-050-212	4/12/2021	N	Toluene	5.4		ug/m3	Y	0.33
KAFB-106135-050	SV135-050-212	4/12/2021	N	Tetrahydrofuran	14		ug/m3	Y	0.35
KAFB-106135-050	SV135-050-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.57
KAFB-106135-050	SV135-050-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.77
KAFB-106135-050	SV135-050-212	4/12/2021	N	Propylene (propene)	0.85	J	ug/m3	Y	0.67
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.67
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,4-Dioxane	< 0.88	U	ug/m3	N	0.32
KAFB-106135-050	SV135-050-212	4/12/2021	N	Dibromochloromethane	< 0.88	U	ug/m3	N	0.36
KAFB-106135-050	SV135-050-212	4/12/2021	N	Tetrachloroethene	0.98	J	ug/m3	Y	0.36
KAFB-106135-050	SV135-050-212	4/12/2021	N	Xylenes, total	100		ug/m3	Y	0.72
KAFB-106135-050	SV135-050-212	4/12/2021	N	Ethyl acetate	3.7	J	ug/m3	Y	1.4
KAFB-106135-050	SV135-050-212	4/12/2021	N	n-Heptane	2.1	J	ug/m3	Y	0.44
KAFB-106135-050	SV135-050-212	4/12/2021	N	m- & p-Xylenes	58		ug/m3	Y	0.72
KAFB-106135-050	SV135-050-212	4/12/2021	N	Carbon tetrachloride	0.7	J	ug/m3	Y	0.38
KAFB-106135-050	SV135-050-212	4/12/2021	N	2-Hexanone	< 0.88	U	ug/m3	N	0.34
KAFB-106135-050	SV135-050-212	4/12/2021	N	Ethanol	11	J	ug/m3	Y	1.9
KAFB-106135-050	SV135-050-212	4/12/2021	N	Isopropyl alcohol	2.4	J	ug/m3	Y	1.1
KAFB-106135-050	SV135-050-212	4/12/2021	N	Acetone	13	J	ug/m3	Y	6.2
KAFB-106135-050	SV135-050-212	4/12/2021	N	Chloroform	1	J	ug/m3	Y	0.37
KAFB-106135-050	SV135-050-212	4/12/2021	N	Benzene	0.55	J	ug/m3	Y	0.4
KAFB-106135-050	SV135-050-212	4/12/2021	N	Chloromethane	0.54	J	ug/m3	Y	0.44
KAFB-106135-050	SV135-050-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.34
KAFB-106135-050	SV135-050-212	4/12/2021	N	Vinyl chloride	< 0.88	U	ug/m3	N	0.29
KAFB-106135-050	SV135-050-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.77
KAFB-106135-050	SV135-050-212	4/12/2021	N	Carbon disulfide	3.8	J	ug/m3	Y	0.82
KAFB-106135-050	SV135-050-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.57
KAFB-106135-050	SV135-050-212	4/12/2021	N	Bromodichloromethane	< 0.88	U	ug/m3	N	0.4
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106135-050	SV135-050-212	4/12/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.42
KAFB-106135-050	SV135-050-212	4/12/2021	N	Dichlorodifluoromethane	2	J	ug/m3	Y	0.45

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	J	ug/m3	Y	0.39
KAFB-106135-050	SV135-050-212	4/12/2021	N	2-Butanone	2.8	J	ug/m3	Y	0.57
KAFB-106135-050	SV135-050-212	4/12/2021	N	Trichloroethene	520		ug/m3	Y	0.37
KAFB-106135-050	SV135-050-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.67
KAFB-106135-050	SV135-050-212	4/12/2021	N	o-Xylene	42		ug/m3	Y	0.4
KAFB-106135-050	SV135-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	27		ug/m3	Y	0.38
KAFB-106135-150	SV135-150-212	4/12/2021	N	Ethylbenzene	< 0.85	U	ug/m3	N	0.37
KAFB-106135-150	SV135-150-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.29
KAFB-106135-150	SV135-150-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.36
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	1.3	J	ug/m3	Y	0.38
KAFB-106135-150	SV135-150-212	4/12/2021	N	Toluene	1.1	J	ug/m3	Y	0.32
KAFB-106135-150	SV135-150-212	4/12/2021	N	Tetrahydrofuran	14		ug/m3	Y	0.33
KAFB-106135-150	SV135-150-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106135-150	SV135-150-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.75
KAFB-106135-150	SV135-150-212	4/12/2021	N	Propylene (propene)	0.87	J	ug/m3	Y	0.65
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.31
KAFB-106135-150	SV135-150-212	4/12/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106135-150	SV135-150-212	4/12/2021	N	Tetrachloroethene	3.2		ug/m3	Y	0.34
KAFB-106135-150	SV135-150-212	4/12/2021	N	Xylenes, total	7.1		ug/m3	Y	0.7
KAFB-106135-150	SV135-150-212	4/12/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106135-150	SV135-150-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106135-150	SV135-150-212	4/12/2021	N	m- & p-Xylenes	4.3	J	ug/m3	Y	0.7
KAFB-106135-150	SV135-150-212	4/12/2021	N	Carbon tetrachloride	2.3	J	ug/m3	Y	0.37
KAFB-106135-150	SV135-150-212	4/12/2021	N	2-Hexanone	0.99	J	ug/m3	Y	0.33
KAFB-106135-150	SV135-150-212	4/12/2021	N	Ethanol	5.7	J	ug/m3	Y	1.8
KAFB-106135-150	SV135-150-212	4/12/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106135-150	SV135-150-212	4/12/2021	N	Acetone	27		ug/m3	Y	6
KAFB-106135-150	SV135-150-212	4/12/2021	N	Chloroform	2.6	J	ug/m3	Y	0.35
KAFB-106135-150	SV135-150-212	4/12/2021	N	Benzene	0.4	J	ug/m3	Y	0.38
KAFB-106135-150	SV135-150-212	4/12/2021	N	Chloromethane	0.64	J	ug/m3	Y	0.43
KAFB-106135-150	SV135-150-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106135-150	SV135-150-212	4/12/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.28
KAFB-106135-150	SV135-150-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106135-150	SV135-150-212	4/12/2021	N	Carbon disulfide	10		ug/m3	Y	0.8
KAFB-106135-150	SV135-150-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106135-150	SV135-150-212	4/12/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.38
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106135-150	SV135-150-212	4/12/2021	N	Trichlorofluoromethane	0.97	J	ug/m3	Y	0.4
KAFB-106135-150	SV135-150-212	4/12/2021	N	Dichlorodifluoromethane	1.8	J	ug/m3	Y	0.43
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3		ug/m3	Y	0.38
KAFB-106135-150	SV135-150-212	4/12/2021	N	2-Butanone	15		ug/m3	Y	0.55
KAFB-106135-150	SV135-150-212	4/12/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.65
KAFB-106135-150	SV135-150-212	4/12/2021	N	o-Xylene	2.8		ug/m3	Y	0.38
KAFB-106135-150	SV135-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	1.8	J	ug/m3	Y	0.37
KAFB-106135-150	SV135-150-212	4/12/2021	N	Trichloroethene	2500		ug/m3	Y	3.6
KAFB-106135-250	SV135-250-212	4/12/2021	N	Trichloroethene	600		ug/m3	Y	29
KAFB-106135-250	SV135-250-212	4/12/2021	N	Ethylbenzene	< 0.84	U	ug/m3	N	0.37
KAFB-106135-250	SV135-250-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106135-250	SV135-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	1.1	J	ug/m3	Y	0.38
KAFB-106135-250	SV135-250-212	4/12/2021	N	Toluene	1.7	J	ug/m3	Y	0.32
KAFB-106135-250	SV135-250-212	4/12/2021	N	Tetrahydrofuran	2.8	J	ug/m3	Y	0.33
KAFB-106135-250	SV135-250-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.54
KAFB-106135-250	SV135-250-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106135-250	SV135-250-212	4/12/2021	N	Propylene (propene)	0.68	J	ug/m3	Y	0.64
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106135-250	SV135-250-212	4/12/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.35
KAFB-106135-250	SV135-250-212	4/12/2021	N	Tetrachloroethene	1.7	J	ug/m3	Y	0.34
KAFB-106135-250	SV135-250-212	4/12/2021	N	Xylenes, total	7.9		ug/m3	Y	0.69
KAFB-106135-250	SV135-250-212	4/12/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106135-250	SV135-250-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106135-250	SV135-250-212	4/12/2021	N	m- & p-Xylenes	4.9	J	ug/m3	Y	0.69
KAFB-106135-250	SV135-250-212	4/12/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	0.37
KAFB-106135-250	SV135-250-212	4/12/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
KAFB-106135-250	SV135-250-212	4/12/2021	N	Ethanol	24	J	ug/m3	Y	1.8
KAFB-106135-250	SV135-250-212	4/12/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106135-250	SV135-250-212	4/12/2021	N	Acetone	11	J	ug/m3	Y	5.9
KAFB-106135-250	SV135-250-212	4/12/2021	N	Chloroform	2.1	J	ug/m3	Y	0.35
KAFB-106135-250	SV135-250-212	4/12/2021	N	Benzene	0.57	J	ug/m3	Y	0.38
KAFB-106135-250	SV135-250-212	4/12/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106135-250	SV135-250-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106135-250	SV135-250-212	4/12/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106135-250	SV135-250-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106135-250	SV135-250-212	4/12/2021	N	Carbon disulfide	19		ug/m3	Y	0.79
KAFB-106135-250	SV135-250-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106135-250	SV135-250-212	4/12/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106135-250	SV135-250-212	4/12/2021	N	Trichlorofluoromethane	0.61	J	ug/m3	Y	0.4
KAFB-106135-250	SV135-250-212	4/12/2021	N	Dichlorodifluoromethane	1.1	J	ug/m3	Y	0.43
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	J	ug/m3	Y	0.38
KAFB-106135-250	SV135-250-212	4/12/2021	N	2-Butanone	1.5	J	ug/m3	Y	0.54
KAFB-106135-250	SV135-250-212	4/12/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.64
KAFB-106135-250	SV135-250-212	4/12/2021	N	o-Xylene	3.1		ug/m3	Y	0.38
KAFB-106135-250	SV135-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	1.8	J	ug/m3	Y	0.37
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Ethylbenzene	0.74	J	ug/m3	Y	0.46
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Styrene	< 2	U	ug/m3	N	0.53
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,2-Dibromoethane	< 1	U	ug/m3	N	0.38
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,3-Butadiene	< 2	U	ug/m3	N	0.54
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,2-Dichloroethane	< 1	U	ug/m3	N	0.36
KAFB-106135-250	SV135-250-612	4/12/2021	FD	4-Methyl-2-pentanone	< 1	U	ug/m3	N	0.45
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,3,5-Trimethylbenzene	1.3	J	ug/m3	Y	0.47
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Toluene	6.6		ug/m3	Y	0.4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Tetrahydrofuran	3.2	J	ug/m3	Y	0.41
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Hexane	0.69	J	ug/m3	Y	0.68
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Cyclohexane	0.92	J	ug/m3	Y	0.92
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Propylene (propene)	2.4	J	ug/m3	Y	0.8
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,2,4-Trichlorobenzene	< 2	U	ug/m3	N	0.8
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,4-Dioxane	< 1	U	ug/m3	N	0.39
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Dibromochloromethane	< 1	U	ug/m3	N	0.43
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Tetrachloroethene	1.1	J	ug/m3	Y	0.42
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Xylenes, total	14		ug/m3	Y	0.86
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Ethyl acetate	16		ug/m3	Y	1.7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106135-250	SV135-250-612	4/12/2021	FD	n-Heptane	3.5		ug/m3	Y	0.52
KAFB-106135-250	SV135-250-612	4/12/2021	FD	m- & p-Xylenes	9.8		ug/m3	Y	0.86
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Carbon tetrachloride	0.79	J	ug/m3	Y	0.46
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2-Hexanone	1.3	J	ug/m3	Y	0.41
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Ethanol	39		ug/m3	Y	2.3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Isopropyl alcohol	8.1		ug/m3	Y	1.4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Acetone	28	J	ug/m3	Y	7.4
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Chloroform	1.6	J	ug/m3	Y	0.44
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Benzene	1.6	J	ug/m3	Y	0.47
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Chloromethane	0.57	J	ug/m3	Y	0.53
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Chloroethane	< 2	U	ug/m3	N	0.41
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Vinyl chloride	< 1	U	ug/m3	N	0.35
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Methylene chloride	1.8	J	ug/m3	Y	0.92
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Carbon disulfide	7.1		ug/m3	Y	0.98
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Bromoform	< 2	U	ug/m3	N	0.68
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Bromodichloromethane	< 1	U	ug/m3	N	0.47
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,1-Dichloroethane	< 2	U	ug/m3	N	0.48
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Trichlorofluoromethane	0.73	J	ug/m3	Y	0.5
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Dichlorodifluoromethane	1.3	J	ug/m3	Y	0.54
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	J	ug/m3	Y	0.47
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2-Butanone	4.3	J	ug/m3	Y	0.68
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Trichloroethene	480		ug/m3	Y	0.44
KAFB-106135-250	SV135-250-612	4/12/2021	FD	Naphthalene	< 1.9	U	ug/m3	N	0.8
KAFB-106135-250	SV135-250-612	4/12/2021	FD	o-Xylene	4.6		ug/m3	Y	0.47
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1,2,4-Trimethylbenzene	1.9	J	ug/m3	Y	0.46
KAFB-106135-350	SV135-350-212	4/12/2021	N	Ethylbenzene	< 0.86	U	ug/m3	N	0.38
KAFB-106135-350	SV135-350-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106135-350	SV135-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	0.53	J	ug/m3	Y	0.39
KAFB-106135-350	SV135-350-212	4/12/2021	N	Toluene	1.1	J	ug/m3	Y	0.33
KAFB-106135-350	SV135-350-212	4/12/2021	N	Tetrahydrofuran	8.3		ug/m3	Y	0.34
KAFB-106135-350	SV135-350-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106135-350	SV135-350-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.76
KAFB-106135-350	SV135-350-212	4/12/2021	N	Propylene (propene)	0.94	J	ug/m3	Y	0.66
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
KAFB-106135-350	SV135-350-212	4/12/2021	N	Dibromochloromethane	< 0.86	U	ug/m3	N	0.36
KAFB-106135-350	SV135-350-212	4/12/2021	N	Tetrachloroethene	< 0.86	U	ug/m3	N	0.35
KAFB-106135-350	SV135-350-212	4/12/2021	N	Xylenes, total	4	J	ug/m3	Y	0.71
KAFB-106135-350	SV135-350-212	4/12/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106135-350	SV135-350-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106135-350	SV135-350-212	4/12/2021	N	m- & p-Xylenes	2.6	J	ug/m3	Y	0.71
KAFB-106135-350	SV135-350-212	4/12/2021	N	Carbon tetrachloride	0.6	J	ug/m3	Y	0.38
KAFB-106135-350	SV135-350-212	4/12/2021	N	2-Hexanone	0.55	J	ug/m3	Y	0.33
KAFB-106135-350	SV135-350-212	4/12/2021	N	Ethanol	6.2	J	ug/m3	Y	1.9
KAFB-106135-350	SV135-350-212	4/12/2021	N	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106135-350	SV135-350-212	4/12/2021	N	Acetone	23	J	ug/m3	Y	6.1
KAFB-106135-350	SV135-350-212	4/12/2021	N	Chloroform	< 0.86	U	ug/m3	N	0.36
KAFB-106135-350	SV135-350-212	4/12/2021	N	Benzene	0.61	J	ug/m3	Y	0.39
KAFB-106135-350	SV135-350-212	4/12/2021	N	Chloromethane	0.56	J	ug/m3	Y	0.44
KAFB-106135-350	SV135-350-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106135-350	SV135-350-212	4/12/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106135-350	SV135-350-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.76
KAFB-106135-350	SV135-350-212	4/12/2021	N	Carbon disulfide	8.4		ug/m3	Y	0.81
KAFB-106135-350	SV135-350-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106135-350	SV135-350-212	4/12/2021	N	Bromodichloromethane	< 0.86	U	ug/m3	N	0.39
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106135-350	SV135-350-212	4/12/2021	N	Trichlorofluoromethane	0.44	J	ug/m3	Y	0.41
KAFB-106135-350	SV135-350-212	4/12/2021	N	Dichlorodifluoromethane	0.53	J	ug/m3	Y	0.44
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	J	ug/m3	Y	0.39
KAFB-106135-350	SV135-350-212	4/12/2021	N	2-Butanone	3.2	J	ug/m3	Y	0.56
KAFB-106135-350	SV135-350-212	4/12/2021	N	Trichloroethene	51		ug/m3	Y	0.37
KAFB-106135-350	SV135-350-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106135-350	SV135-350-212	4/12/2021	N	o-Xylene	1.4	J	ug/m3	Y	0.39
KAFB-106135-350	SV135-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.92	J	ug/m3	Y	0.38
KAFB-106135-450	SV135-450-212	4/12/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.34
KAFB-106135-450	SV135-450-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,3-Butadiene	0.95	J	ug/m3	Y	0.4
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,2-Dichloroethane	3.1		ug/m3	Y	0.27
KAFB-106135-450	SV135-450-212	4/12/2021	N	4-Methyl-2-pentanone	4.2	J	ug/m3	Y	0.33
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	0.62	J	ug/m3	Y	0.35
KAFB-106135-450	SV135-450-212	4/12/2021	N	Toluene	3.9		ug/m3	Y	0.3
KAFB-106135-450	SV135-450-212	4/12/2021	N	Tetrahydrofuran	36		ug/m3	Y	0.31
KAFB-106135-450	SV135-450-212	4/12/2021	N	Hexane	0.96	J	ug/m3	Y	0.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106135-450	SV135-450-212	4/12/2021	N	Propylene (propene)	3.9		ug/m3	Y	0.59
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106135-450	SV135-450-212	4/12/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
KAFB-106135-450	SV135-450-212	4/12/2021	N	Tetrachloroethene	0.53	J	ug/m3	Y	0.32
KAFB-106135-450	SV135-450-212	4/12/2021	N	Xylenes, total	7.9		ug/m3	Y	0.64
KAFB-106135-450	SV135-450-212	4/12/2021	N	Ethyl acetate	5.7		ug/m3	Y	1.3
KAFB-106135-450	SV135-450-212	4/12/2021	N	n-Heptane	3.1		ug/m3	Y	0.39
KAFB-106135-450	SV135-450-212	4/12/2021	N	m- & p-Xylenes	5.6		ug/m3	Y	0.64
KAFB-106135-450	SV135-450-212	4/12/2021	N	Carbon tetrachloride	0.63	J	ug/m3	Y	0.34
KAFB-106135-450	SV135-450-212	4/12/2021	N	2-Hexanone	1.8	J	ug/m3	Y	0.3
KAFB-106135-450	SV135-450-212	4/12/2021	N	Ethanol	16	J	ug/m3	Y	1.7
KAFB-106135-450	SV135-450-212	4/12/2021	N	Isopropyl alcohol	2.9	J	ug/m3	Y	1
KAFB-106135-450	SV135-450-212	4/12/2021	N	Acetone	51		ug/m3	Y	5.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	Chloroform	1	J	ug/m3	Y	0.32
KAFB-106135-450	SV135-450-212	4/12/2021	N	Benzene	1.6	J	ug/m3	Y	0.35
KAFB-106135-450	SV135-450-212	4/12/2021	N	Chloromethane	26		ug/m3	Y	0.39
KAFB-106135-450	SV135-450-212	4/12/2021	N	Chloroethane	5.8		ug/m3	Y	0.3
KAFB-106135-450	SV135-450-212	4/12/2021	N	Vinyl chloride	4.7		ug/m3	Y	0.26
KAFB-106135-450	SV135-450-212	4/12/2021	N	Methylene chloride	1.1	J	ug/m3	Y	0.69
KAFB-106135-450	SV135-450-212	4/12/2021	N	Carbon disulfide	57		ug/m3	Y	0.73
KAFB-106135-450	SV135-450-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,1-Dichloroethane	0.97	J	ug/m3	Y	0.36
KAFB-106135-450	SV135-450-212	4/12/2021	N	Trichlorofluoromethane	0.51	J	ug/m3	Y	0.37
KAFB-106135-450	SV135-450-212	4/12/2021	N	Dichlorodifluoromethane	0.81	J	ug/m3	Y	0.4
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.69	J	ug/m3	Y	0.35
KAFB-106135-450	SV135-450-212	4/12/2021	N	2-Butanone	10		ug/m3	Y	0.5
KAFB-106135-450	SV135-450-212	4/12/2021	N	Trichloroethene	210		ug/m3	Y	0.33
KAFB-106135-450	SV135-450-212	4/12/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
KAFB-106135-450	SV135-450-212	4/12/2021	N	o-Xylene	2.3	J	ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106135-450	SV135-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.99	J	ug/m3	Y	0.34
KAFB-106137-025	SV137-025-212	4/12/2021	N	Ethylbenzene	0.5	J	ug/m3	Y	0.33
KAFB-106137-025	SV137-025-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
KAFB-106137-025	SV137-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.74	U	ug/m3	N	0.33
KAFB-106137-025	SV137-025-212	4/12/2021	N	Toluene	4.5		ug/m3	Y	0.28
KAFB-106137-025	SV137-025-212	4/12/2021	N	Tetrahydrofuran	< 0.74	U	ug/m3	N	0.29
KAFB-106137-025	SV137-025-212	4/12/2021	N	Hexane	1.1	J	ug/m3	Y	0.48
KAFB-106137-025	SV137-025-212	4/12/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.65
KAFB-106137-025	SV137-025-212	4/12/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.57
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.27
KAFB-106137-025	SV137-025-212	4/12/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.3
KAFB-106137-025	SV137-025-212	4/12/2021	N	Tetrachloroethene	< 0.74	U	ug/m3	N	0.3
KAFB-106137-025	SV137-025-212	4/12/2021	N	Xylenes, total	3	J	ug/m3	Y	0.61
KAFB-106137-025	SV137-025-212	4/12/2021	N	Ethyl acetate	42		ug/m3	Y	1.2
KAFB-106137-025	SV137-025-212	4/12/2021	N	n-Heptane	0.54	J	ug/m3	Y	0.37
KAFB-106137-025	SV137-025-212	4/12/2021	N	m- & p-Xylenes	2.1	J	ug/m3	Y	0.61
KAFB-106137-025	SV137-025-212	4/12/2021	N	Carbon tetrachloride	< 0.74	U	ug/m3	N	0.32
KAFB-106137-025	SV137-025-212	4/12/2021	N	2-Hexanone	0.85	J	ug/m3	Y	0.29
KAFB-106137-025	SV137-025-212	4/12/2021	N	Ethanol	27		ug/m3	Y	1.6
KAFB-106137-025	SV137-025-212	4/12/2021	N	Isopropyl alcohol	5.1		ug/m3	Y	0.96
KAFB-106137-025	SV137-025-212	4/12/2021	N	Acetone	26		ug/m3	Y	5.2
KAFB-106137-025	SV137-025-212	4/12/2021	N	Chloroform	0.55	J	ug/m3	Y	0.31
KAFB-106137-025	SV137-025-212	4/12/2021	N	Benzene	0.9	J	ug/m3	Y	0.33
KAFB-106137-025	SV137-025-212	4/12/2021	N	Chloromethane	0.44	J	ug/m3	Y	0.37
KAFB-106137-025	SV137-025-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106137-025	SV137-025-212	4/12/2021	N	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
KAFB-106137-025	SV137-025-212	4/12/2021	N	Methylene chloride	2.1	J	ug/m3	Y	0.65
KAFB-106137-025	SV137-025-212	4/12/2021	N	Carbon disulfide	1.4	J	ug/m3	Y	0.7
KAFB-106137-025	SV137-025-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106137-025	SV137-025-212	4/12/2021	N	Bromodichloromethane	< 0.74	U	ug/m3	N	0.33
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
KAFB-106137-025	SV137-025-212	4/12/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.35
KAFB-106137-025	SV137-025-212	4/12/2021	N	Dichlorodifluoromethane	2.5		ug/m3	Y	0.38
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	J	ug/m3	Y	0.33
KAFB-106137-025	SV137-025-212	4/12/2021	N	2-Butanone	4.4		ug/m3	Y	0.48
KAFB-106137-025	SV137-025-212	4/12/2021	N	Trichloroethene	< 0.74	U	ug/m3	N	0.31
KAFB-106137-025	SV137-025-212	4/12/2021	N	Naphthalene	< 1.3	U	ug/m3	N	0.57
KAFB-106137-025	SV137-025-212	4/12/2021	N	o-Xylene	0.89	J	ug/m3	Y	0.33
KAFB-106137-025	SV137-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.68	J	ug/m3	Y	0.32
KAFB-106137-050	SV137-050-212	4/12/2021	N	Ethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106137-050	SV137-050-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.29
KAFB-106137-050	SV137-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.82	U	ug/m3	N	0.37
KAFB-106137-050	SV137-050-212	4/12/2021	N	Toluene	0.85	J	ug/m3	Y	0.32
KAFB-106137-050	SV137-050-212	4/12/2021	N	Tetrahydrofuran	1.3	J	ug/m3	Y	0.32
KAFB-106137-050	SV137-050-212	4/12/2021	N	Hexane	< 1.6	U	ug/m3	N	0.53
KAFB-106137-050	SV137-050-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.73

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106137-050	SV137-050-212	4/12/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.63
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.63
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.31
KAFB-106137-050	SV137-050-212	4/12/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106137-050	SV137-050-212	4/12/2021	N	Tetrachloroethene	< 0.82	U	ug/m3	N	0.33
KAFB-106137-050	SV137-050-212	4/12/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.68
KAFB-106137-050	SV137-050-212	4/12/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106137-050	SV137-050-212	4/12/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.41
KAFB-106137-050	SV137-050-212	4/12/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.68
KAFB-106137-050	SV137-050-212	4/12/2021	N	Carbon tetrachloride	< 0.82	U	ug/m3	N	0.36
KAFB-106137-050	SV137-050-212	4/12/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106137-050	SV137-050-212	4/12/2021	N	Ethanol	4.4	J	ug/m3	Y	1.8
KAFB-106137-050	SV137-050-212	4/12/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106137-050	SV137-050-212	4/12/2021	N	Acetone	8.7	J	ug/m3	Y	5.8
KAFB-106137-050	SV137-050-212	4/12/2021	N	Chloroform	0.37	J	ug/m3	Y	0.34
KAFB-106137-050	SV137-050-212	4/12/2021	N	Benzene	0.64	J	ug/m3	Y	0.37
KAFB-106137-050	SV137-050-212	4/12/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.42
KAFB-106137-050	SV137-050-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.32
KAFB-106137-050	SV137-050-212	4/12/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106137-050	SV137-050-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.73
KAFB-106137-050	SV137-050-212	4/12/2021	N	Carbon disulfide	1.3	J	ug/m3	Y	0.78
KAFB-106137-050	SV137-050-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.53
KAFB-106137-050	SV137-050-212	4/12/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106137-050	SV137-050-212	4/12/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.39
KAFB-106137-050	SV137-050-212	4/12/2021	N	Dichlorodifluoromethane	2.6		ug/m3	Y	0.42
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	J	ug/m3	Y	0.37
KAFB-106137-050	SV137-050-212	4/12/2021	N	2-Butanone	1.3	J	ug/m3	Y	0.53
KAFB-106137-050	SV137-050-212	4/12/2021	N	Trichloroethene	0.41	J	ug/m3	Y	0.35
KAFB-106137-050	SV137-050-212	4/12/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.63
KAFB-106137-050	SV137-050-212	4/12/2021	N	o-Xylene	< 0.82	U	ug/m3	N	0.37
KAFB-106137-050	SV137-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106137-150	SV137-150-212	4/12/2021	N	Ethylbenzene	0.48	J	ug/m3	Y	0.36
KAFB-106137-150	SV137-150-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106137-150	SV137-150-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.82	U	ug/m3	N	0.37
KAFB-106137-150	SV137-150-212	4/12/2021	N	Toluene	5.8		ug/m3	Y	0.31
KAFB-106137-150	SV137-150-212	4/12/2021	N	Tetrahydrofuran	< 0.82	U	ug/m3	N	0.32
KAFB-106137-150	SV137-150-212	4/12/2021	N	Hexane	1.7	J	ug/m3	Y	0.53
KAFB-106137-150	SV137-150-212	4/12/2021	N	Cyclohexane	0.73	J	ug/m3	Y	0.72
KAFB-106137-150	SV137-150-212	4/12/2021	N	Propylene (propene)	2	J	ug/m3	Y	0.63
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106137-150	SV137-150-212	4/12/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106137-150	SV137-150-212	4/12/2021	N	Tetrachloroethene	0.45	J	ug/m3	Y	0.33
KAFB-106137-150	SV137-150-212	4/12/2021	N	Xylenes, total	2.4	J	ug/m3	Y	0.68
KAFB-106137-150	SV137-150-212	4/12/2021	N	Ethyl acetate	59		ug/m3	Y	1.4
KAFB-106137-150	SV137-150-212	4/12/2021	N	n-Heptane	0.65	J	ug/m3	Y	0.41
KAFB-106137-150	SV137-150-212	4/12/2021	N	m- & p-Xylenes	1.7	J	ug/m3	Y	0.68
KAFB-106137-150	SV137-150-212	4/12/2021	N	Carbon tetrachloride	< 0.82	U	ug/m3	N	0.36
KAFB-106137-150	SV137-150-212	4/12/2021	N	2-Hexanone	0.44	J	ug/m3	Y	0.32
KAFB-106137-150	SV137-150-212	4/12/2021	N	Ethanol	41		ug/m3	Y	1.8

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106137-150	SV137-150-212	4/12/2021	N	Isopropyl alcohol	8.7		ug/m3	Y	1.1
KAFB-106137-150	SV137-150-212	4/12/2021	N	Acetone	22	J	ug/m3	Y	5.8
KAFB-106137-150	SV137-150-212	4/12/2021	N	Chloroform	0.41	J	ug/m3	Y	0.34
KAFB-106137-150	SV137-150-212	4/12/2021	N	Benzene	1.1	J	ug/m3	Y	0.37
KAFB-106137-150	SV137-150-212	4/12/2021	N	Chloromethane	0.46	J	ug/m3	Y	0.41
KAFB-106137-150	SV137-150-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106137-150	SV137-150-212	4/12/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106137-150	SV137-150-212	4/12/2021	N	Methylene chloride	4.5		ug/m3	Y	0.72
KAFB-106137-150	SV137-150-212	4/12/2021	N	Carbon disulfide	54		ug/m3	Y	0.77
KAFB-106137-150	SV137-150-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106137-150	SV137-150-212	4/12/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106137-150	SV137-150-212	4/12/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.39
KAFB-106137-150	SV137-150-212	4/12/2021	N	Dichlorodifluoromethane	3.1		ug/m3	Y	0.42
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	J	ug/m3	Y	0.37
KAFB-106137-150	SV137-150-212	4/12/2021	N	2-Butanone	5.1		ug/m3	Y	0.53
KAFB-106137-150	SV137-150-212	4/12/2021	N	Trichloroethene	0.7	J	ug/m3	Y	0.35
KAFB-106137-150	SV137-150-212	4/12/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.63
KAFB-106137-150	SV137-150-212	4/12/2021	N	o-Xylene	0.71	J	ug/m3	Y	0.37
KAFB-106137-150	SV137-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.62	J	ug/m3	Y	0.36
KAFB-106137-250	SV137-250-212	4/12/2021	N	Ethylbenzene	0.51	J	ug/m3	Y	0.32
KAFB-106137-250	SV137-250-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.72	U	ug/m3	N	0.26
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.37
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.72	U	ug/m3	N	0.25
KAFB-106137-250	SV137-250-212	4/12/2021	N	4-Methyl-2-pentanone	0.31	J	ug/m3	Y	0.31
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.72	U	ug/m3	N	0.33
KAFB-106137-250	SV137-250-212	4/12/2021	N	Toluene	9.5		ug/m3	Y	0.28
KAFB-106137-250	SV137-250-212	4/12/2021	N	Tetrahydrofuran	18		ug/m3	Y	0.28
KAFB-106137-250	SV137-250-212	4/12/2021	N	Hexane	2	J	ug/m3	Y	0.47
KAFB-106137-250	SV137-250-212	4/12/2021	N	Cyclohexane	2.2	J	ug/m3	Y	0.64
KAFB-106137-250	SV137-250-212	4/12/2021	N	Propylene (propene)	1.5	J	ug/m3	Y	0.55
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.55
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,4-Dioxane	< 0.72	U	ug/m3	N	0.27
KAFB-106137-250	SV137-250-212	4/12/2021	N	Dibromochloromethane	< 0.72	U	ug/m3	N	0.3
KAFB-106137-250	SV137-250-212	4/12/2021	N	Tetrachloroethene	0.31	J	ug/m3	Y	0.29
KAFB-106137-250	SV137-250-212	4/12/2021	N	Xylenes, total	4.8		ug/m3	Y	0.6
KAFB-106137-250	SV137-250-212	4/12/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106137-250	SV137-250-212	4/12/2021	N	n-Heptane	0.75	J	ug/m3	Y	0.36
KAFB-106137-250	SV137-250-212	4/12/2021	N	m- & p-Xylenes	4	J	ug/m3	Y	0.6
KAFB-106137-250	SV137-250-212	4/12/2021	N	Carbon tetrachloride	< 0.72	U	ug/m3	N	0.31
KAFB-106137-250	SV137-250-212	4/12/2021	N	2-Hexanone	0.73	J	ug/m3	Y	0.28
KAFB-106137-250	SV137-250-212	4/12/2021	N	Ethanol	13	J	ug/m3	Y	1.6
KAFB-106137-250	SV137-250-212	4/12/2021	N	Isopropyl alcohol	2.8	J	ug/m3	Y	0.94
KAFB-106137-250	SV137-250-212	4/12/2021	N	Acetone	25		ug/m3	Y	5.1
KAFB-106137-250	SV137-250-212	4/12/2021	N	Chloroform	< 0.72	U	ug/m3	N	0.3
KAFB-106137-250	SV137-250-212	4/12/2021	N	Benzene	4.7		ug/m3	Y	0.33
KAFB-106137-250	SV137-250-212	4/12/2021	N	Chloromethane	0.54	J	ug/m3	Y	0.37
KAFB-106137-250	SV137-250-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106137-250	SV137-250-212	4/12/2021	N	Vinyl chloride	< 0.72	U	ug/m3	N	0.24
KAFB-106137-250	SV137-250-212	4/12/2021	N	Methylene chloride	82		ug/m3	Y	0.64
KAFB-106137-250	SV137-250-212	4/12/2021	N	Carbon disulfide	2.8	J	ug/m3	Y	0.68
KAFB-106137-250	SV137-250-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106137-250	SV137-250-212	4/12/2021	N	Bromodichloromethane	< 0.72	U	ug/m3	N	0.33
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106137-250	SV137-250-212	4/12/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.34
KAFB-106137-250	SV137-250-212	4/12/2021	N	Dichlorodifluoromethane	3.3		ug/m3	Y	0.37
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.53	J	ug/m3	Y	0.32
KAFB-106137-250	SV137-250-212	4/12/2021	N	2-Butanone	4.8		ug/m3	Y	0.47
KAFB-106137-250	SV137-250-212	4/12/2021	N	Trichloroethene	1.3	J	ug/m3	Y	0.31
KAFB-106137-250	SV137-250-212	4/12/2021	N	Naphthalene	1.5	J	ug/m3	Y	0.55
KAFB-106137-250	SV137-250-212	4/12/2021	N	o-Xylene	0.73	J	ug/m3	Y	0.33
KAFB-106137-250	SV137-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.77	J	ug/m3	Y	0.31
KAFB-106137-350	SV137-350-212	4/12/2021	N	Ethylbenzene	0.41	J	ug/m3	Y	0.35
KAFB-106137-350	SV137-350-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106137-350	SV137-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.79	U	ug/m3	N	0.36
KAFB-106137-350	SV137-350-212	4/12/2021	N	Toluene	1.6	J	ug/m3	Y	0.3
KAFB-106137-350	SV137-350-212	4/12/2021	N	Tetrahydrofuran	5.6		ug/m3	Y	0.31
KAFB-106137-350	SV137-350-212	4/12/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106137-350	SV137-350-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106137-350	SV137-350-212	4/12/2021	N	Propylene (propene)	1.5	J	ug/m3	Y	0.6
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,4-Dioxane	0.78	J	ug/m3	Y	0.29
KAFB-106137-350	SV137-350-212	4/12/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.32
KAFB-106137-350	SV137-350-212	4/12/2021	N	Tetrachloroethene	0.33	J	ug/m3	Y	0.32
KAFB-106137-350	SV137-350-212	4/12/2021	N	Xylenes, total	1.2	J	ug/m3	Y	0.65
KAFB-106137-350	SV137-350-212	4/12/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106137-350	SV137-350-212	4/12/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.39
KAFB-106137-350	SV137-350-212	4/12/2021	N	m- & p-Xylenes	1.2	J	ug/m3	Y	0.65
KAFB-106137-350	SV137-350-212	4/12/2021	N	Carbon tetrachloride	0.8	J	ug/m3	Y	0.34
KAFB-106137-350	SV137-350-212	4/12/2021	N	2-Hexanone	0.34	J	ug/m3	Y	0.31
KAFB-106137-350	SV137-350-212	4/12/2021	N	Ethanol	24	J	ug/m3	Y	1.7
KAFB-106137-350	SV137-350-212	4/12/2021	N	Isopropyl alcohol	5.6		ug/m3	Y	1
KAFB-106137-350	SV137-350-212	4/12/2021	N	Acetone	13	J	ug/m3	Y	5.6
KAFB-106137-350	SV137-350-212	4/12/2021	N	Chloroform	< 0.79	U	ug/m3	N	0.33
KAFB-106137-350	SV137-350-212	4/12/2021	N	Benzene	0.89	J	ug/m3	Y	0.36
KAFB-106137-350	SV137-350-212	4/12/2021	N	Chloromethane	0.49	J	ug/m3	Y	0.4
KAFB-106137-350	SV137-350-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106137-350	SV137-350-212	4/12/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.26
KAFB-106137-350	SV137-350-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106137-350	SV137-350-212	4/12/2021	N	Carbon disulfide	2.4	J	ug/m3	Y	0.74
KAFB-106137-350	SV137-350-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106137-350	SV137-350-212	4/12/2021	N	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106137-350	SV137-350-212	4/12/2021	N	Trichlorofluoromethane	1.9	J	ug/m3	Y	0.37
KAFB-106137-350	SV137-350-212	4/12/2021	N	Dichlorodifluoromethane	3.1		ug/m3	Y	0.4
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	J	ug/m3	Y	0.35
KAFB-106137-350	SV137-350-212	4/12/2021	N	2-Butanone	3.6	J	ug/m3	Y	0.51
KAFB-106137-350	SV137-350-212	4/12/2021	N	Trichloroethene	1.7	J	ug/m3	Y	0.33
KAFB-106137-350	SV137-350-212	4/12/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.6
KAFB-106137-350	SV137-350-212	4/12/2021	N	o-Xylene	< 0.79	U	ug/m3	N	0.36
KAFB-106137-350	SV137-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.41	J	ug/m3	Y	0.34
KAFB-106137-450	SV137-450-212	4/12/2021	N	Ethylbenzene	1600		ug/m3	Y	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	Styrene	< 75	U	ug/m3	N	20
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,2-Dibromoethane	530		ug/m3	Y	15
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,3-Butadiene	< 75	U	ug/m3	N	21

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,2-Dichloroethane	< 40	U	ug/m3	N	14
KAFB-106137-450	SV137-450-212	4/12/2021	N	4-Methyl-2-pentanone	< 40	U	ug/m3	N	17
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	3200		ug/m3	Y	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	Toluene	18000		ug/m3	Y	15
KAFB-106137-450	SV137-450-212	4/12/2021	N	Tetrahydrofuran	76	J	ug/m3	Y	16
KAFB-106137-450	SV137-450-212	4/12/2021	N	Hexane	1800		ug/m3	Y	26
KAFB-106137-450	SV137-450-212	4/12/2021	N	Cyclohexane	4300		ug/m3	Y	35
KAFB-106137-450	SV137-450-212	4/12/2021	N	Propylene (propene)	140		ug/m3	Y	30
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 75	U	ug/m3	N	30
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,4-Dioxane	120	J	ug/m3	Y	15
KAFB-106137-450	SV137-450-212	4/12/2021	N	Dibromochloromethane	< 40	U	ug/m3	N	16
KAFB-106137-450	SV137-450-212	4/12/2021	N	Tetrachloroethene	210		ug/m3	Y	16
KAFB-106137-450	SV137-450-212	4/12/2021	N	Ethyl acetate	< 150	U	ug/m3	N	66
KAFB-106137-450	SV137-450-212	4/12/2021	N	n-Heptane	1600		ug/m3	Y	20
KAFB-106137-450	SV137-450-212	4/12/2021	N	m- & p-Xylenes	38000		ug/m3	Y	33
KAFB-106137-450	SV137-450-212	4/12/2021	N	Carbon tetrachloride	< 40	U	ug/m3	N	17
KAFB-106137-450	SV137-450-212	4/12/2021	N	2-Hexanone	< 40	U	ug/m3	N	15
KAFB-106137-450	SV137-450-212	4/12/2021	N	Ethanol	320	J	ug/m3	Y	87
KAFB-106137-450	SV137-450-212	4/12/2021	N	Isopropyl alcohol	79	J	ug/m3	Y	52
KAFB-106137-450	SV137-450-212	4/12/2021	N	Acetone	< 630	U	ug/m3	N	280
KAFB-106137-450	SV137-450-212	4/12/2021	N	Chloroform	< 40	U	ug/m3	N	17
KAFB-106137-450	SV137-450-212	4/12/2021	N	Benzene	6200		ug/m3	Y	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	Chloromethane	57	J	ug/m3	Y	20
KAFB-106137-450	SV137-450-212	4/12/2021	N	Chloroethane	< 75	U	ug/m3	N	15
KAFB-106137-450	SV137-450-212	4/12/2021	N	Vinyl chloride	< 40	U	ug/m3	N	13
KAFB-106137-450	SV137-450-212	4/12/2021	N	Methylene chloride	42	J	ug/m3	Y	35
KAFB-106137-450	SV137-450-212	4/12/2021	N	Carbon disulfide	130	J	ug/m3	Y	38
KAFB-106137-450	SV137-450-212	4/12/2021	N	Bromoform	< 75	U	ug/m3	N	26
KAFB-106137-450	SV137-450-212	4/12/2021	N	Bromodichloromethane	< 40	U	ug/m3	N	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,1-Dichloroethane	< 77	U	ug/m3	N	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	Trichlorofluoromethane	< 75	U	ug/m3	N	19
KAFB-106137-450	SV137-450-212	4/12/2021	N	Dichlorodifluoromethane	< 75	U	ug/m3	N	20
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	180		ug/m3	Y	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	2-Butanone	35	J	ug/m3	Y	26
KAFB-106137-450	SV137-450-212	4/12/2021	N	Trichloroethene	49	J	ug/m3	Y	17
KAFB-106137-450	SV137-450-212	4/12/2021	N	Naphthalene	< 73	U	ug/m3	N	30
KAFB-106137-450	SV137-450-212	4/12/2021	N	o-Xylene	22000		ug/m3	Y	18
KAFB-106137-450	SV137-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	3100		ug/m3	Y	17
KAFB-106139-025	SV139-025-212	4/12/2021	N	Ethylbenzene	< 0.92	U	ug/m3	N	0.41
KAFB-106139-025	SV139-025-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.47
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,2-Dibromoethane	< 0.92	U	ug/m3	N	0.34
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.92	U	ug/m3	N	0.32
KAFB-106139-025	SV139-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.92	U	ug/m3	N	0.4
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	0.74	J	ug/m3	Y	0.42
KAFB-106139-025	SV139-025-212	4/12/2021	N	Toluene	1.8	J	ug/m3	Y	0.35
KAFB-106139-025	SV139-025-212	4/12/2021	N	Tetrahydrofuran	1.8	J	ug/m3	Y	0.36
KAFB-106139-025	SV139-025-212	4/12/2021	N	Hexane	< 1.7	U	ug/m3	N	0.6
KAFB-106139-025	SV139-025-212	4/12/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.81
KAFB-106139-025	SV139-025-212	4/12/2021	N	Propylene (propene)	1	J	ug/m3	Y	0.71
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.71
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,4-Dioxane	< 0.92	U	ug/m3	N	0.34
KAFB-106139-025	SV139-025-212	4/12/2021	N	Dibromochloromethane	< 0.92	U	ug/m3	N	0.38
KAFB-106139-025	SV139-025-212	4/12/2021	N	Tetrachloroethene	3.7		ug/m3	Y	0.37
KAFB-106139-025	SV139-025-212	4/12/2021	N	Xylenes, total	6.5		ug/m3	Y	0.76

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106139-025	SV139-025-212	4/12/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106139-025	SV139-025-212	4/12/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.46
KAFB-106139-025	SV139-025-212	4/12/2021	N	m- & p-Xylenes	4.2	J	ug/m3	Y	0.76
KAFB-106139-025	SV139-025-212	4/12/2021	N	Carbon tetrachloride	14		ug/m3	Y	0.4
KAFB-106139-025	SV139-025-212	4/12/2021	N	2-Hexanone	< 0.92	U	ug/m3	N	0.36
KAFB-106139-025	SV139-025-212	4/12/2021	N	Ethanol	4.1	J	ug/m3	Y	2
KAFB-106139-025	SV139-025-212	4/12/2021	N	Isopropyl alcohol	< 3.4	U	ug/m3	N	1.2
KAFB-106139-025	SV139-025-212	4/12/2021	N	Acetone	< 15	U	ug/m3	N	6.5
KAFB-106139-025	SV139-025-212	4/12/2021	N	Chloroform	2.6	J	ug/m3	Y	0.39
KAFB-106139-025	SV139-025-212	4/12/2021	N	Benzene	0.6	J	ug/m3	Y	0.42
KAFB-106139-025	SV139-025-212	4/12/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.47
KAFB-106139-025	SV139-025-212	4/12/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.36
KAFB-106139-025	SV139-025-212	4/12/2021	N	Vinyl chloride	< 0.92	U	ug/m3	N	0.31
KAFB-106139-025	SV139-025-212	4/12/2021	N	Methylene chloride	1	J	ug/m3	Y	0.81
KAFB-106139-025	SV139-025-212	4/12/2021	N	Carbon disulfide	< 2.9	U	ug/m3	N	0.87
KAFB-106139-025	SV139-025-212	4/12/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.6
KAFB-106139-025	SV139-025-212	4/12/2021	N	Bromodichloromethane	< 0.92	U	ug/m3	N	0.42
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106139-025	SV139-025-212	4/12/2021	N	Trichlorofluoromethane	2.7	J	ug/m3	Y	0.44
KAFB-106139-025	SV139-025-212	4/12/2021	N	Dichlorodifluoromethane	2.3	J	ug/m3	Y	0.47
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	33		ug/m3	Y	0.41
KAFB-106139-025	SV139-025-212	4/12/2021	N	2-Butanone	0.84	J	ug/m3	Y	0.6
KAFB-106139-025	SV139-025-212	4/12/2021	N	Trichloroethene	0.53	J	ug/m3	Y	0.39
KAFB-106139-025	SV139-025-212	4/12/2021	N	Naphthalene	0.8	J	ug/m3	Y	0.71
KAFB-106139-025	SV139-025-212	4/12/2021	N	o-Xylene	2.3	J	ug/m3	Y	0.42
KAFB-106139-025	SV139-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	1.4	J	ug/m3	Y	0.4
KAFB-106139-050	SV139-050-212	4/12/2021	N	Ethylbenzene	< 0.95	U	ug/m3	N	0.42
KAFB-106139-050	SV139-050-212	4/12/2021	N	Styrene	0.54	J	ug/m3	Y	0.48
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.95	U	ug/m3	N	0.35
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.49
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.95	U	ug/m3	N	0.33
KAFB-106139-050	SV139-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.95	U	ug/m3	N	0.41
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.95	U	ug/m3	N	0.43
KAFB-106139-050	SV139-050-212	4/12/2021	N	Toluene	5.4		ug/m3	Y	0.36
KAFB-106139-050	SV139-050-212	4/12/2021	N	Tetrahydrofuran	8.3		ug/m3	Y	0.38
KAFB-106139-050	SV139-050-212	4/12/2021	N	Hexane	0.66	J	ug/m3	Y	0.62
KAFB-106139-050	SV139-050-212	4/12/2021	N	Cyclohexane	1.8	J	ug/m3	Y	0.84
KAFB-106139-050	SV139-050-212	4/12/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.73
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.73
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,4-Dioxane	0.66	J	ug/m3	Y	0.35
KAFB-106139-050	SV139-050-212	4/12/2021	N	Dibromochloromethane	< 0.95	U	ug/m3	N	0.39
KAFB-106139-050	SV139-050-212	4/12/2021	N	Tetrachloroethene	0.49	J	ug/m3	Y	0.39
KAFB-106139-050	SV139-050-212	4/12/2021	N	Xylenes, total	3.8	J	ug/m3	Y	0.78
KAFB-106139-050	SV139-050-212	4/12/2021	N	Ethyl acetate	11		ug/m3	Y	1.6
KAFB-106139-050	SV139-050-212	4/12/2021	N	n-Heptane	6.9		ug/m3	Y	0.48
KAFB-106139-050	SV139-050-212	4/12/2021	N	m- & p-Xylenes	2.7	J	ug/m3	Y	0.78
KAFB-106139-050	SV139-050-212	4/12/2021	N	Carbon tetrachloride	20		ug/m3	Y	0.41
KAFB-106139-050	SV139-050-212	4/12/2021	N	2-Hexanone	< 0.95	U	ug/m3	N	0.37
KAFB-106139-050	SV139-050-212	4/12/2021	N	Ethanol	32		ug/m3	Y	2.1
KAFB-106139-050	SV139-050-212	4/12/2021	N	Isopropyl alcohol	5.3	J	ug/m3	Y	1.2
KAFB-106139-050	SV139-050-212	4/12/2021	N	Acetone	19	J	ug/m3	Y	6.7
KAFB-106139-050	SV139-050-212	4/12/2021	N	Chloroform	6.6		ug/m3	Y	0.4
KAFB-106139-050	SV139-050-212	4/12/2021	N	Benzene	0.64	J	ug/m3	Y	0.43
KAFB-106139-050	SV139-050-212	4/12/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.48
KAFB-106139-050	SV139-050-212	4/12/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106139-050	SV139-050-212	4/12/2021	N	Vinyl chloride	< 0.95	U	ug/m3	N	0.32
KAFB-106139-050	SV139-050-212	4/12/2021	N	Methylene chloride	0.99	J	ug/m3	Y	0.84
KAFB-106139-050	SV139-050-212	4/12/2021	N	Carbon disulfide	6.1		ug/m3	Y	0.9
KAFB-106139-050	SV139-050-212	4/12/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.62
KAFB-106139-050	SV139-050-212	4/12/2021	N	Bromodichloromethane	< 0.95	U	ug/m3	N	0.43
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.44
KAFB-106139-050	SV139-050-212	4/12/2021	N	Trichlorofluoromethane	3.7		ug/m3	Y	0.45
KAFB-106139-050	SV139-050-212	4/12/2021	N	Dichlorodifluoromethane	2.3	J	ug/m3	Y	0.49
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	48		ug/m3	Y	0.43
KAFB-106139-050	SV139-050-212	4/12/2021	N	2-Butanone	2.9	J	ug/m3	Y	0.62
KAFB-106139-050	SV139-050-212	4/12/2021	N	Trichloroethene	< 0.95	U	ug/m3	N	0.4
KAFB-106139-050	SV139-050-212	4/12/2021	N	Naphthalene	< 1.7	U	ug/m3	N	0.73
KAFB-106139-050	SV139-050-212	4/12/2021	N	o-Xylene	1.2	J	ug/m3	Y	0.43
KAFB-106139-050	SV139-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.81	J	ug/m3	Y	0.41
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Ethylbenzene	< 0.76	U	ug/m3	N	0.34
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,2-Dibromoethane	< 0.76	U	ug/m3	N	0.28
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,2-Dichloroethane	< 0.76	U	ug/m3	N	0.26
KAFB-106139-050	SV139-050-612	4/12/2021	FD	4-Methyl-2-pentanone	< 0.76	U	ug/m3	N	0.33
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,3,5-Trimethylbenzene	0.35	J	ug/m3	Y	0.34
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Toluene	1.5	J	ug/m3	Y	0.29
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Tetrahydrofuran	9.9		ug/m3	Y	0.3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Hexane	< 1.4	U	ug/m3	N	0.49
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Cyclohexane	< 1.5	U	ug/m3	N	0.67
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Propylene (propene)	0.69	J	ug/m3	Y	0.58
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,4-Dioxane	0.9	J	ug/m3	Y	0.28
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Dibromochloromethane	< 0.76	U	ug/m3	N	0.31
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Tetrachloroethene	0.47	J	ug/m3	Y	0.31
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Xylenes, total	4.6		ug/m3	Y	0.63
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Ethyl acetate	2.4	J	ug/m3	Y	1.3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	n-Heptane	< 1.4	U	ug/m3	N	0.38
KAFB-106139-050	SV139-050-612	4/12/2021	FD	m- & p-Xylenes	3.1	J	ug/m3	Y	0.63
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Carbon tetrachloride	23		ug/m3	Y	0.33
KAFB-106139-050	SV139-050-612	4/12/2021	FD	2-Hexanone	0.38	J	ug/m3	Y	0.3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Ethanol	6.8	J	ug/m3	Y	1.7
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Isopropyl alcohol	< 2.8	U	ug/m3	N	0.98
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Acetone	19	J	ug/m3	Y	5.4
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Chloroform	7.6		ug/m3	Y	0.32
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Benzene	0.48	J	ug/m3	Y	0.34
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Vinyl chloride	< 0.76	U	ug/m3	N	0.26
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Methylene chloride	4		ug/m3	Y	0.67
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Carbon disulfide	6.5		ug/m3	Y	0.72
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Bromodichloromethane	< 0.76	U	ug/m3	N	0.34
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Trichlorofluoromethane	4.1		ug/m3	Y	0.36
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Dichlorodifluoromethane	2.4		ug/m3	Y	0.39
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	53		ug/m3	Y	0.34
KAFB-106139-050	SV139-050-612	4/12/2021	FD	2-Butanone	3.3	J	ug/m3	Y	0.49
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Trichloroethene	0.59	J	ug/m3	Y	0.32
KAFB-106139-050	SV139-050-612	4/12/2021	FD	Naphthalene	< 1.4	U	ug/m3	N	0.58

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106139-050	SV139-050-612	4/12/2021	FD	o-Xylene	1.5	J	ug/m3	Y	0.34
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1,2,4-Trimethylbenzene	0.69	J	ug/m3	Y	0.33
KAFB-106139-150	SV139-150-212	4/12/2021	N	Ethylbenzene	< 7	U	ug/m3	N	3.1
KAFB-106139-150	SV139-150-212	4/12/2021	N	Styrene	< 13	U	ug/m3	N	3.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,2-Dibromoethane	< 7	U	ug/m3	N	2.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,3-Butadiene	< 13	U	ug/m3	N	3.6
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,2-Dichloroethane	< 7	U	ug/m3	N	2.4
KAFB-106139-150	SV139-150-212	4/12/2021	N	4-Methyl-2-pentanone	< 7	U	ug/m3	N	3
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 7	U	ug/m3	N	3.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	Toluene	< 7	U	ug/m3	N	2.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Tetrahydrofuran	19	J	ug/m3	Y	2.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Hexane	930		ug/m3	Y	4.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	Cyclohexane	1200		ug/m3	Y	6.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	Propylene (propene)	40		ug/m3	Y	5.3
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 13	U	ug/m3	N	5.3
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,4-Dioxane	< 7	U	ug/m3	N	2.6
KAFB-106139-150	SV139-150-212	4/12/2021	N	Dibromochloromethane	< 7	U	ug/m3	N	2.9
KAFB-106139-150	SV139-150-212	4/12/2021	N	Tetrachloroethene	< 7	U	ug/m3	N	2.8
KAFB-106139-150	SV139-150-212	4/12/2021	N	Xylenes, total	< 14	U	ug/m3	N	5.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Ethyl acetate	< 27	U	ug/m3	N	11
KAFB-106139-150	SV139-150-212	4/12/2021	N	n-Heptane	160		ug/m3	Y	3.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	m- & p-Xylenes	< 14	U	ug/m3	N	5.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Carbon tetrachloride	230		ug/m3	Y	3
KAFB-106139-150	SV139-150-212	4/12/2021	N	2-Hexanone	< 7	U	ug/m3	N	2.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Ethanol	< 34	U	ug/m3	N	15
KAFB-106139-150	SV139-150-212	4/12/2021	N	Isopropyl alcohol	< 26	U	ug/m3	N	9
KAFB-106139-150	SV139-150-212	4/12/2021	N	Acetone	< 110	U	ug/m3	N	49
KAFB-106139-150	SV139-150-212	4/12/2021	N	Chloroform	190		ug/m3	Y	2.9
KAFB-106139-150	SV139-150-212	4/12/2021	N	Benzene	3.4	J	ug/m3	Y	3.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	Chloromethane	< 13	U	ug/m3	N	3.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	Chloroethane	< 13	U	ug/m3	N	2.7
KAFB-106139-150	SV139-150-212	4/12/2021	N	Vinyl chloride	< 7	U	ug/m3	N	2.3
KAFB-106139-150	SV139-150-212	4/12/2021	N	Methylene chloride	< 13	U	ug/m3	N	6.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	Carbon disulfide	< 22	U	ug/m3	N	6.6
KAFB-106139-150	SV139-150-212	4/12/2021	N	Bromoform	< 13	U	ug/m3	N	4.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	Bromodichloromethane	< 7	U	ug/m3	N	3.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,1-Dichloroethane	< 14	U	ug/m3	N	3.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	Trichlorofluoromethane	36		ug/m3	Y	3.3
KAFB-106139-150	SV139-150-212	4/12/2021	N	Dichlorodifluoromethane	5.5	J	ug/m3	Y	3.6
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	650		ug/m3	Y	3.1
KAFB-106139-150	SV139-150-212	4/12/2021	N	2-Butanone	< 13	U	ug/m3	N	4.5
KAFB-106139-150	SV139-150-212	4/12/2021	N	Trichloroethene	< 7	U	ug/m3	N	3
KAFB-106139-150	SV139-150-212	4/12/2021	N	Naphthalene	< 13	U	ug/m3	N	5.3
KAFB-106139-150	SV139-150-212	4/12/2021	N	o-Xylene	< 7	U	ug/m3	N	3.2
KAFB-106139-150	SV139-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 7	U	ug/m3	N	3
KAFB-106139-350	SV139-350-212	4/12/2021	N	Ethylbenzene	0.49	J	ug/m3	Y	0.33
KAFB-106139-350	SV139-350-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
KAFB-106139-350	SV139-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.74	U	ug/m3	N	0.34
KAFB-106139-350	SV139-350-212	4/12/2021	N	Toluene	30		ug/m3	Y	0.28
KAFB-106139-350	SV139-350-212	4/12/2021	N	Tetrahydrofuran	3.2	J	ug/m3	Y	0.29
KAFB-106139-350	SV139-350-212	4/12/2021	N	Hexane	4.3		ug/m3	Y	0.48

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106139-350	SV139-350-212	4/12/2021	N	Cyclohexane	45		ug/m3	Y	0.66
KAFB-106139-350	SV139-350-212	4/12/2021	N	Propylene (propene)	< 1.4	U	ug/m3	N	0.57
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	0.58	J	ug/m3	Y	0.57
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.28
KAFB-106139-350	SV139-350-212	4/12/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.31
KAFB-106139-350	SV139-350-212	4/12/2021	N	Tetrachloroethene	3.1		ug/m3	Y	0.3
KAFB-106139-350	SV139-350-212	4/12/2021	N	Xylenes, total	3.5	J	ug/m3	Y	0.61
KAFB-106139-350	SV139-350-212	4/12/2021	N	Ethyl acetate	2.3	J	ug/m3	Y	1.2
KAFB-106139-350	SV139-350-212	4/12/2021	N	n-Heptane	5		ug/m3	Y	0.37
KAFB-106139-350	SV139-350-212	4/12/2021	N	m- & p-Xylenes	2.1	J	ug/m3	Y	0.61
KAFB-106139-350	SV139-350-212	4/12/2021	N	Carbon tetrachloride	130		ug/m3	Y	0.32
KAFB-106139-350	SV139-350-212	4/12/2021	N	2-Hexanone	< 0.74	U	ug/m3	N	0.29
KAFB-106139-350	SV139-350-212	4/12/2021	N	Ethanol	11	J	ug/m3	Y	1.6
KAFB-106139-350	SV139-350-212	4/12/2021	N	Isopropyl alcohol	1.1	J	ug/m3	Y	0.96
KAFB-106139-350	SV139-350-212	4/12/2021	N	Acetone	< 12	U	ug/m3	N	5.3
KAFB-106139-350	SV139-350-212	4/12/2021	N	Benzene	66		ug/m3	Y	0.34
KAFB-106139-350	SV139-350-212	4/12/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106139-350	SV139-350-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106139-350	SV139-350-212	4/12/2021	N	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
KAFB-106139-350	SV139-350-212	4/12/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
KAFB-106139-350	SV139-350-212	4/12/2021	N	Carbon disulfide	2.4	J	ug/m3	Y	0.7
KAFB-106139-350	SV139-350-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106139-350	SV139-350-212	4/12/2021	N	Bromodichloromethane	11		ug/m3	Y	0.34
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
KAFB-106139-350	SV139-350-212	4/12/2021	N	Trichlorofluoromethane	53		ug/m3	Y	0.35
KAFB-106139-350	SV139-350-212	4/12/2021	N	Dichlorodifluoromethane	2.8		ug/m3	Y	0.38
KAFB-106139-350	SV139-350-212	4/12/2021	N	2-Butanone	3.1	J	ug/m3	Y	0.48
KAFB-106139-350	SV139-350-212	4/12/2021	N	Trichloroethene	3.5		ug/m3	Y	0.32
KAFB-106139-350	SV139-350-212	4/12/2021	N	Naphthalene	0.84	J	ug/m3	Y	0.57
KAFB-106139-350	SV139-350-212	4/12/2021	N	o-Xylene	1.4	J	ug/m3	Y	0.34
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.6	J	ug/m3	Y	0.32
KAFB-106139-350	SV139-350-212	4/12/2021	N	Chloroform	530		ug/m3	Y	3.1
KAFB-106139-350	SV139-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	500		ug/m3	Y	3.3
KAFB-106139-450	SV139-450-212	4/12/2021	N	Ethylbenzene	3.5		ug/m3	Y	0.44
KAFB-106139-450	SV139-450-212	4/12/2021	N	Styrene	< 1.9	U	ug/m3	N	0.5
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,2-Dibromoethane	< 0.99	U	ug/m3	N	0.36
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,3-Butadiene	1.2	J	ug/m3	Y	0.51
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,2-Dichloroethane	4.2		ug/m3	Y	0.34
KAFB-106139-450	SV139-450-212	4/12/2021	N	4-Methyl-2-pentanone	0.65	J	ug/m3	Y	0.43
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	0.45	J	ug/m3	Y	0.45
KAFB-106139-450	SV139-450-212	4/12/2021	N	Toluene	2.6	J	ug/m3	Y	0.38
KAFB-106139-450	SV139-450-212	4/12/2021	N	Tetrahydrofuran	24		ug/m3	Y	0.39
KAFB-106139-450	SV139-450-212	4/12/2021	N	Hexane	1.3	J	ug/m3	Y	0.64
KAFB-106139-450	SV139-450-212	4/12/2021	N	Cyclohexane	< 2	U	ug/m3	N	0.87
KAFB-106139-450	SV139-450-212	4/12/2021	N	Propylene (propene)	5.8		ug/m3	Y	0.76
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.9	U	ug/m3	N	0.76
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,4-Dioxane	< 0.99	U	ug/m3	N	0.37
KAFB-106139-450	SV139-450-212	4/12/2021	N	Dibromochloromethane	0.44	J	ug/m3	Y	0.41
KAFB-106139-450	SV139-450-212	4/12/2021	N	Tetrachloroethene	4.7		ug/m3	Y	0.4
KAFB-106139-450	SV139-450-212	4/12/2021	N	Xylenes, total	16		ug/m3	Y	0.82
KAFB-106139-450	SV139-450-212	4/12/2021	N	Ethyl acetate	< 3.8	U	ug/m3	N	1.6
KAFB-106139-450	SV139-450-212	4/12/2021	N	n-Heptane	1.3	J	ug/m3	Y	0.5
KAFB-106139-450	SV139-450-212	4/12/2021	N	m- & p-Xylenes	13		ug/m3	Y	0.82
KAFB-106139-450	SV139-450-212	4/12/2021	N	Carbon tetrachloride	94		ug/m3	Y	0.43
KAFB-106139-450	SV139-450-212	4/12/2021	N	2-Hexanone	1.8	J	ug/m3	Y	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106139-450	SV139-450-212	4/12/2021	N	Ethanol	15	J	ug/m3	Y	2.2
KAFB-106139-450	SV139-450-212	4/12/2021	N	Isopropyl alcohol	2.3	J	ug/m3	Y	1.3
KAFB-106139-450	SV139-450-212	4/12/2021	N	Acetone	65		ug/m3	Y	7
KAFB-106139-450	SV139-450-212	4/12/2021	N	Chloroform	50		ug/m3	Y	0.41
KAFB-106139-450	SV139-450-212	4/12/2021	N	Benzene	2.3	J	ug/m3	Y	0.45
KAFB-106139-450	SV139-450-212	4/12/2021	N	Chloromethane	50		ug/m3	Y	0.5
KAFB-106139-450	SV139-450-212	4/12/2021	N	Chloroethane	8.3		ug/m3	Y	0.38
KAFB-106139-450	SV139-450-212	4/12/2021	N	Vinyl chloride	6.5		ug/m3	Y	0.33
KAFB-106139-450	SV139-450-212	4/12/2021	N	Methylene chloride	< 1.9	U	ug/m3	N	0.87
KAFB-106139-450	SV139-450-212	4/12/2021	N	Carbon disulfide	61		ug/m3	Y	0.93
KAFB-106139-450	SV139-450-212	4/12/2021	N	Bromoform	< 1.9	U	ug/m3	N	0.64
KAFB-106139-450	SV139-450-212	4/12/2021	N	Bromodichloromethane	4.3		ug/m3	Y	0.45
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,1-Dichloroethane	0.62	J	ug/m3	Y	0.45
KAFB-106139-450	SV139-450-212	4/12/2021	N	Trichlorofluoromethane	9		ug/m3	Y	0.47
KAFB-106139-450	SV139-450-212	4/12/2021	N	Dichlorodifluoromethane	1.5	J	ug/m3	Y	0.51
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	110		ug/m3	Y	0.44
KAFB-106139-450	SV139-450-212	4/12/2021	N	2-Butanone	10		ug/m3	Y	0.64
KAFB-106139-450	SV139-450-212	4/12/2021	N	Trichloroethene	12		ug/m3	Y	0.42
KAFB-106139-450	SV139-450-212	4/12/2021	N	Naphthalene	< 1.8	U	ug/m3	N	0.76
KAFB-106139-450	SV139-450-212	4/12/2021	N	o-Xylene	2.9	J	ug/m3	Y	0.45
KAFB-106139-450	SV139-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.55	J	ug/m3	Y	0.43
KAFB-106140-025	SV140-025-212	4/12/2021	N	Ethylbenzene	3.2		ug/m3	Y	0.32
KAFB-106140-025	SV140-025-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,2-Dibromoethane	< 0.73	U	ug/m3	N	0.27
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.73	U	ug/m3	N	0.25
KAFB-106140-025	SV140-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.73	U	ug/m3	N	0.31
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	7.1		ug/m3	Y	0.33
KAFB-106140-025	SV140-025-212	4/12/2021	N	Toluene	4.2		ug/m3	Y	0.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	Tetrahydrofuran	0.77	J	ug/m3	Y	0.29
KAFB-106140-025	SV140-025-212	4/12/2021	N	Hexane	< 1.4	U	ug/m3	N	0.47
KAFB-106140-025	SV140-025-212	4/12/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.64
KAFB-106140-025	SV140-025-212	4/12/2021	N	Propylene (propene)	0.62	J	ug/m3	Y	0.56
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,4-Dioxane	< 0.73	U	ug/m3	N	0.27
KAFB-106140-025	SV140-025-212	4/12/2021	N	Dibromochloromethane	< 0.73	U	ug/m3	N	0.3
KAFB-106140-025	SV140-025-212	4/12/2021	N	Tetrachloroethene	0.63	J	ug/m3	Y	0.29
KAFB-106140-025	SV140-025-212	4/12/2021	N	Xylenes, total	24		ug/m3	Y	0.6
KAFB-106140-025	SV140-025-212	4/12/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106140-025	SV140-025-212	4/12/2021	N	n-Heptane	1.2	J	ug/m3	Y	0.36
KAFB-106140-025	SV140-025-212	4/12/2021	N	m- & p-Xylenes	19		ug/m3	Y	0.6
KAFB-106140-025	SV140-025-212	4/12/2021	N	Carbon tetrachloride	4.9		ug/m3	Y	0.32
KAFB-106140-025	SV140-025-212	4/12/2021	N	2-Hexanone	1	J	ug/m3	Y	0.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	Ethanol	4.4	J	ug/m3	Y	1.6
KAFB-106140-025	SV140-025-212	4/12/2021	N	Isopropyl alcohol	< 2.7	U	ug/m3	N	0.94
KAFB-106140-025	SV140-025-212	4/12/2021	N	Acetone	22	J	ug/m3	Y	5.1
KAFB-106140-025	SV140-025-212	4/12/2021	N	Chloroform	4.5		ug/m3	Y	0.3
KAFB-106140-025	SV140-025-212	4/12/2021	N	Benzene	0.36	J	ug/m3	Y	0.33
KAFB-106140-025	SV140-025-212	4/12/2021	N	Chloromethane	0.46	J	ug/m3	Y	0.37
KAFB-106140-025	SV140-025-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106140-025	SV140-025-212	4/12/2021	N	Vinyl chloride	< 0.73	U	ug/m3	N	0.24
KAFB-106140-025	SV140-025-212	4/12/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.64
KAFB-106140-025	SV140-025-212	4/12/2021	N	Carbon disulfide	1.3	J	ug/m3	Y	0.68
KAFB-106140-025	SV140-025-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106140-025	SV140-025-212	4/12/2021	N	Bromodichloromethane	< 0.73	U	ug/m3	N	0.33

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106140-025	SV140-025-212	4/12/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.35
KAFB-106140-025	SV140-025-212	4/12/2021	N	Dichlorodifluoromethane	2.2	J	ug/m3	Y	0.37
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.57	J	ug/m3	Y	0.32
KAFB-106140-025	SV140-025-212	4/12/2021	N	2-Butanone	3.8	J	ug/m3	Y	0.47
KAFB-106140-025	SV140-025-212	4/12/2021	N	Trichloroethene	< 0.73	U	ug/m3	N	0.31
KAFB-106140-025	SV140-025-212	4/12/2021	N	Naphthalene	5		ug/m3	Y	0.56
KAFB-106140-025	SV140-025-212	4/12/2021	N	o-Xylene	5.6		ug/m3	Y	0.33
KAFB-106140-025	SV140-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	31		ug/m3	Y	0.32
KAFB-106140-050	SV140-050-212	4/12/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.43
KAFB-106140-050	SV140-050-212	4/12/2021	N	Styrene	< 1.8	U	ug/m3	N	0.49
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.98	U	ug/m3	N	0.36
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.51
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.98	U	ug/m3	N	0.34
KAFB-106140-050	SV140-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.98	U	ug/m3	N	0.42
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	1.8	J	ug/m3	Y	0.44
KAFB-106140-050	SV140-050-212	4/12/2021	N	Toluene	5		ug/m3	Y	0.37
KAFB-106140-050	SV140-050-212	4/12/2021	N	Tetrahydrofuran	0.88	J	ug/m3	Y	0.39
KAFB-106140-050	SV140-050-212	4/12/2021	N	Hexane	2.2	J	ug/m3	Y	0.63
KAFB-106140-050	SV140-050-212	4/12/2021	N	Cyclohexane	1	J	ug/m3	Y	0.86
KAFB-106140-050	SV140-050-212	4/12/2021	N	Propylene (propene)	< 1.8	U	ug/m3	N	0.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,4-Dioxane	0.47	J	ug/m3	Y	0.36
KAFB-106140-050	SV140-050-212	4/12/2021	N	Dibromochloromethane	< 0.98	U	ug/m3	N	0.4
KAFB-106140-050	SV140-050-212	4/12/2021	N	Tetrachloroethene	0.76	J	ug/m3	Y	0.4
KAFB-106140-050	SV140-050-212	4/12/2021	N	Xylenes, total	9.6		ug/m3	Y	0.81
KAFB-106140-050	SV140-050-212	4/12/2021	N	Ethyl acetate	3	J	ug/m3	Y	1.6
KAFB-106140-050	SV140-050-212	4/12/2021	N	n-Heptane	1.4	J	ug/m3	Y	0.49
KAFB-106140-050	SV140-050-212	4/12/2021	N	m- & p-Xylenes	7.5		ug/m3	Y	0.81
KAFB-106140-050	SV140-050-212	4/12/2021	N	Carbon tetrachloride	5.8		ug/m3	Y	0.43
KAFB-106140-050	SV140-050-212	4/12/2021	N	2-Hexanone	0.8	J	ug/m3	Y	0.38
KAFB-106140-050	SV140-050-212	4/12/2021	N	Ethanol	34		ug/m3	Y	2.1
KAFB-106140-050	SV140-050-212	4/12/2021	N	Isopropyl alcohol	2.7	J	ug/m3	Y	1.3
KAFB-106140-050	SV140-050-212	4/12/2021	N	Acetone	34		ug/m3	Y	6.9
KAFB-106140-050	SV140-050-212	4/12/2021	N	Chloroform	6.3		ug/m3	Y	0.41
KAFB-106140-050	SV140-050-212	4/12/2021	N	Benzene	0.95	J	ug/m3	Y	0.44
KAFB-106140-050	SV140-050-212	4/12/2021	N	Chloromethane	0.92	J	ug/m3	Y	0.49
KAFB-106140-050	SV140-050-212	4/12/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.38
KAFB-106140-050	SV140-050-212	4/12/2021	N	Vinyl chloride	< 0.98	U	ug/m3	N	0.33
KAFB-106140-050	SV140-050-212	4/12/2021	N	Methylene chloride	2.6	J	ug/m3	Y	0.86
KAFB-106140-050	SV140-050-212	4/12/2021	N	Carbon disulfide	4	J	ug/m3	Y	0.92
KAFB-106140-050	SV140-050-212	4/12/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.63
KAFB-106140-050	SV140-050-212	4/12/2021	N	Bromodichloromethane	< 0.98	U	ug/m3	N	0.44
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.45
KAFB-106140-050	SV140-050-212	4/12/2021	N	Trichlorofluoromethane	1.5	J	ug/m3	Y	0.47
KAFB-106140-050	SV140-050-212	4/12/2021	N	Dichlorodifluoromethane	3.2		ug/m3	Y	0.5
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.77	J	ug/m3	Y	0.44
KAFB-106140-050	SV140-050-212	4/12/2021	N	2-Butanone	3.3	J	ug/m3	Y	0.63
KAFB-106140-050	SV140-050-212	4/12/2021	N	Trichloroethene	< 0.98	U	ug/m3	N	0.41
KAFB-106140-050	SV140-050-212	4/12/2021	N	Naphthalene	< 1.8	U	ug/m3	N	0.75
KAFB-106140-050	SV140-050-212	4/12/2021	N	o-Xylene	2.1	J	ug/m3	Y	0.44
KAFB-106140-050	SV140-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	7.1		ug/m3	Y	0.43
KAFB-106140-150	SV140-150-212	4/12/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.36
KAFB-106140-150	SV140-150-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106140-150	SV140-150-212	4/12/2021	N	4-Methyl-2-pentanone	0.41	J	ug/m3	Y	0.35
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.8		ug/m3	Y	0.37
KAFB-106140-150	SV140-150-212	4/12/2021	N	Toluene	2.6		ug/m3	Y	0.31
KAFB-106140-150	SV140-150-212	4/12/2021	N	Tetrahydrofuran	20		ug/m3	Y	0.32
KAFB-106140-150	SV140-150-212	4/12/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106140-150	SV140-150-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106140-150	SV140-150-212	4/12/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.63
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106140-150	SV140-150-212	4/12/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106140-150	SV140-150-212	4/12/2021	N	Tetrachloroethene	0.61	J	ug/m3	Y	0.33
KAFB-106140-150	SV140-150-212	4/12/2021	N	Xylenes, total	12		ug/m3	Y	0.68
KAFB-106140-150	SV140-150-212	4/12/2021	N	Ethyl acetate	2.1	J	ug/m3	Y	1.4
KAFB-106140-150	SV140-150-212	4/12/2021	N	n-Heptane	0.69	J	ug/m3	Y	0.41
KAFB-106140-150	SV140-150-212	4/12/2021	N	m- & p-Xylenes	8.9		ug/m3	Y	0.68
KAFB-106140-150	SV140-150-212	4/12/2021	N	Carbon tetrachloride	7.5		ug/m3	Y	0.36
KAFB-106140-150	SV140-150-212	4/12/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106140-150	SV140-150-212	4/12/2021	N	Ethanol	2.9	J	ug/m3	Y	1.8
KAFB-106140-150	SV140-150-212	4/12/2021	N	Isopropyl alcohol	< 3	U	ug/m3	N	1.1
KAFB-106140-150	SV140-150-212	4/12/2021	N	Acetone	8.8	J	ug/m3	Y	5.8
KAFB-106140-150	SV140-150-212	4/12/2021	N	Chloroform	3.1		ug/m3	Y	0.34
KAFB-106140-150	SV140-150-212	4/12/2021	N	Benzene	< 0.82	U	ug/m3	N	0.37
KAFB-106140-150	SV140-150-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106140-150	SV140-150-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106140-150	SV140-150-212	4/12/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106140-150	SV140-150-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106140-150	SV140-150-212	4/12/2021	N	Carbon disulfide	2.3	J	ug/m3	Y	0.77
KAFB-106140-150	SV140-150-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106140-150	SV140-150-212	4/12/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106140-150	SV140-150-212	4/12/2021	N	Trichlorofluoromethane	0.68	J	ug/m3	Y	0.39
KAFB-106140-150	SV140-150-212	4/12/2021	N	Dichlorodifluoromethane	2.9		ug/m3	Y	0.42
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.82	U	ug/m3	N	0.37
KAFB-106140-150	SV140-150-212	4/12/2021	N	2-Butanone	1	J	ug/m3	Y	0.53
KAFB-106140-150	SV140-150-212	4/12/2021	N	Trichloroethene	< 0.82	U	ug/m3	N	0.35
KAFB-106140-150	SV140-150-212	4/12/2021	N	Naphthalene	2.9		ug/m3	Y	0.63
KAFB-106140-150	SV140-150-212	4/12/2021	N	o-Xylene	2.6		ug/m3	Y	0.37
KAFB-106140-150	SV140-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	13		ug/m3	Y	0.36
KAFB-106140-250	SV140-250-212	4/12/2021	N	Ethylbenzene	4.7		ug/m3	Y	0.41
KAFB-106140-250	SV140-250-212	4/12/2021	N	Styrene	< 1.7	U	ug/m3	N	0.47
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.93	U	ug/m3	N	0.34
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.48
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.93	U	ug/m3	N	0.32
KAFB-106140-250	SV140-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.93	U	ug/m3	N	0.4
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	9.4		ug/m3	Y	0.42
KAFB-106140-250	SV140-250-212	4/12/2021	N	Toluene	6.5		ug/m3	Y	0.35
KAFB-106140-250	SV140-250-212	4/12/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.37
KAFB-106140-250	SV140-250-212	4/12/2021	N	Hexane	< 1.7	U	ug/m3	N	0.6
KAFB-106140-250	SV140-250-212	4/12/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.82
KAFB-106140-250	SV140-250-212	4/12/2021	N	Propylene (propene)	0.91	J	ug/m3	Y	0.71
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.71
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,4-Dioxane	< 0.93	U	ug/m3	N	0.34
KAFB-106140-250	SV140-250-212	4/12/2021	N	Dibromochloromethane	< 0.93	U	ug/m3	N	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106140-250	SV140-250-212	4/12/2021	N	Tetrachloroethene	< 0.93	U	ug/m3	N	0.38
KAFB-106140-250	SV140-250-212	4/12/2021	N	Xylenes, total	34		ug/m3	Y	0.76
KAFB-106140-250	SV140-250-212	4/12/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106140-250	SV140-250-212	4/12/2021	N	n-Heptane	1.9	J	ug/m3	Y	0.46
KAFB-106140-250	SV140-250-212	4/12/2021	N	m- & p-Xylenes	26		ug/m3	Y	0.76
KAFB-106140-250	SV140-250-212	4/12/2021	N	Carbon tetrachloride	2.6	J	ug/m3	Y	0.4
KAFB-106140-250	SV140-250-212	4/12/2021	N	2-Hexanone	< 0.93	U	ug/m3	N	0.36
KAFB-106140-250	SV140-250-212	4/12/2021	N	Ethanol	4	J	ug/m3	Y	2
KAFB-106140-250	SV140-250-212	4/12/2021	N	Isopropyl alcohol	< 3.4	U	ug/m3	N	1.2
KAFB-106140-250	SV140-250-212	4/12/2021	N	Acetone	< 15	U	ug/m3	N	6.5
KAFB-106140-250	SV140-250-212	4/12/2021	N	Chloroform	1.4	J	ug/m3	Y	0.39
KAFB-106140-250	SV140-250-212	4/12/2021	N	Benzene	0.72	J	ug/m3	Y	0.42
KAFB-106140-250	SV140-250-212	4/12/2021	N	Chloromethane	0.75	J	ug/m3	Y	0.47
KAFB-106140-250	SV140-250-212	4/12/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.36
KAFB-106140-250	SV140-250-212	4/12/2021	N	Vinyl chloride	< 0.93	U	ug/m3	N	0.31
KAFB-106140-250	SV140-250-212	4/12/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.82
KAFB-106140-250	SV140-250-212	4/12/2021	N	Carbon disulfide	11		ug/m3	Y	0.87
KAFB-106140-250	SV140-250-212	4/12/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.6
KAFB-106140-250	SV140-250-212	4/12/2021	N	Bromodichloromethane	< 0.93	U	ug/m3	N	0.42
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.43
KAFB-106140-250	SV140-250-212	4/12/2021	N	Trichlorofluoromethane	1.6	J	ug/m3	Y	0.44
KAFB-106140-250	SV140-250-212	4/12/2021	N	Dichlorodifluoromethane	16		ug/m3	Y	0.47
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	J	ug/m3	Y	0.41
KAFB-106140-250	SV140-250-212	4/12/2021	N	2-Butanone	1.9	J	ug/m3	Y	0.6
KAFB-106140-250	SV140-250-212	4/12/2021	N	Trichloroethene	1.8	J	ug/m3	Y	0.39
KAFB-106140-250	SV140-250-212	4/12/2021	N	Naphthalene	6.1		ug/m3	Y	0.71
KAFB-106140-250	SV140-250-212	4/12/2021	N	o-Xylene	8.1		ug/m3	Y	0.42
KAFB-106140-250	SV140-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	40		ug/m3	Y	0.4
KAFB-106140-350	SV140-350-212	4/12/2021	N	Ethylbenzene	1.9	J	ug/m3	Y	0.34
KAFB-106140-350	SV140-350-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106140-350	SV140-350-212	4/12/2021	N	4-Methyl-2-pentanone	0.87	J	ug/m3	Y	0.33
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.7		ug/m3	Y	0.35
KAFB-106140-350	SV140-350-212	4/12/2021	N	Toluene	2.7		ug/m3	Y	0.3
KAFB-106140-350	SV140-350-212	4/12/2021	N	Tetrahydrofuran	5.5		ug/m3	Y	0.3
KAFB-106140-350	SV140-350-212	4/12/2021	N	Hexane	0.6	J	ug/m3	Y	0.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	Cyclohexane	14		ug/m3	Y	0.68
KAFB-106140-350	SV140-350-212	4/12/2021	N	Propylene (propene)	1.8	J	ug/m3	Y	0.59
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.29
KAFB-106140-350	SV140-350-212	4/12/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106140-350	SV140-350-212	4/12/2021	N	Tetrachloroethene	1.3	J	ug/m3	Y	0.31
KAFB-106140-350	SV140-350-212	4/12/2021	N	Xylenes, total	11		ug/m3	Y	0.64
KAFB-106140-350	SV140-350-212	4/12/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106140-350	SV140-350-212	4/12/2021	N	n-Heptane	0.89	J	ug/m3	Y	0.39
KAFB-106140-350	SV140-350-212	4/12/2021	N	m- & p-Xylenes	8.6		ug/m3	Y	0.64
KAFB-106140-350	SV140-350-212	4/12/2021	N	Carbon tetrachloride	< 0.77	U	ug/m3	N	0.34
KAFB-106140-350	SV140-350-212	4/12/2021	N	2-Hexanone	1.6	J	ug/m3	Y	0.3
KAFB-106140-350	SV140-350-212	4/12/2021	N	Ethanol	6.4	J	ug/m3	Y	1.7
KAFB-106140-350	SV140-350-212	4/12/2021	N	Isopropyl alcohol	1.1	J	ug/m3	Y	1
KAFB-106140-350	SV140-350-212	4/12/2021	N	Acetone	250		ug/m3	Y	5.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	Chloroform	< 0.77	U	ug/m3	N	0.32
KAFB-106140-350	SV140-350-212	4/12/2021	N	Benzene	20		ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106140-350	SV140-350-212	4/12/2021	N	Chloromethane	0.76	J	ug/m3	Y	0.39
KAFB-106140-350	SV140-350-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106140-350	SV140-350-212	4/12/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106140-350	SV140-350-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.68
KAFB-106140-350	SV140-350-212	4/12/2021	N	Carbon disulfide	5.1		ug/m3	Y	0.73
KAFB-106140-350	SV140-350-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106140-350	SV140-350-212	4/12/2021	N	Trichlorofluoromethane	2.4		ug/m3	Y	0.37
KAFB-106140-350	SV140-350-212	4/12/2021	N	Dichlorodifluoromethane	23		ug/m3	Y	0.4
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	J	ug/m3	Y	0.35
KAFB-106140-350	SV140-350-212	4/12/2021	N	2-Butanone	13		ug/m3	Y	0.5
KAFB-106140-350	SV140-350-212	4/12/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.33
KAFB-106140-350	SV140-350-212	4/12/2021	N	Naphthalene	2.7		ug/m3	Y	0.59
KAFB-106140-350	SV140-350-212	4/12/2021	N	o-Xylene	2.6		ug/m3	Y	0.35
KAFB-106140-350	SV140-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.34
KAFB-106140-450	SV140-450-212	4/12/2021	N	Ethylbenzene	2.6	J	ug/m3	Y	0.78
KAFB-106140-450	SV140-450-212	4/12/2021	N	Styrene	< 3.3	U	ug/m3	N	0.89
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,2-Dibromoethane	< 1.8	U	ug/m3	N	0.64
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,3-Butadiene	< 3.3	U	ug/m3	N	0.92
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,2-Dichloroethane	0.9	J	ug/m3	Y	0.61
KAFB-106140-450	SV140-450-212	4/12/2021	N	4-Methyl-2-pentanone	3.3	J	ug/m3	Y	0.76
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	2	J	ug/m3	Y	0.8
KAFB-106140-450	SV140-450-212	4/12/2021	N	Toluene	36		ug/m3	Y	0.68
KAFB-106140-450	SV140-450-212	4/12/2021	N	Tetrahydrofuran	49		ug/m3	Y	0.7
KAFB-106140-450	SV140-450-212	4/12/2021	N	Hexane	3.5	J	ug/m3	Y	1.1
KAFB-106140-450	SV140-450-212	4/12/2021	N	Cyclohexane	20		ug/m3	Y	1.6
KAFB-106140-450	SV140-450-212	4/12/2021	N	Propylene (propene)	1.8	J	ug/m3	Y	1.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 3.3	U	ug/m3	N	1.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,4-Dioxane	2.5	J	ug/m3	Y	0.66
KAFB-106140-450	SV140-450-212	4/12/2021	N	Dibromochloromethane	< 1.8	U	ug/m3	N	0.73
KAFB-106140-450	SV140-450-212	4/12/2021	N	Tetrachloroethene	0.93	J	ug/m3	Y	0.72
KAFB-106140-450	SV140-450-212	4/12/2021	N	Xylenes, total	11		ug/m3	Y	1.5
KAFB-106140-450	SV140-450-212	4/12/2021	N	Ethyl acetate	< 6.8	U	ug/m3	N	2.9
KAFB-106140-450	SV140-450-212	4/12/2021	N	n-Heptane	1.5	J	ug/m3	Y	0.88
KAFB-106140-450	SV140-450-212	4/12/2021	N	m- & p-Xylenes	8.7	J	ug/m3	Y	1.5
KAFB-106140-450	SV140-450-212	4/12/2021	N	Carbon tetrachloride	2.8	J	ug/m3	Y	0.77
KAFB-106140-450	SV140-450-212	4/12/2021	N	2-Hexanone	< 1.8	U	ug/m3	N	0.69
KAFB-106140-450	SV140-450-212	4/12/2021	N	Ethanol	13	J	ug/m3	Y	3.8
KAFB-106140-450	SV140-450-212	4/12/2021	N	Isopropyl alcohol	2.9	J	ug/m3	Y	2.3
KAFB-106140-450	SV140-450-212	4/12/2021	N	Acetone	180		ug/m3	Y	12
KAFB-106140-450	SV140-450-212	4/12/2021	N	Chloroform	1.8	J	ug/m3	Y	0.74
KAFB-106140-450	SV140-450-212	4/12/2021	N	Benzene	61		ug/m3	Y	0.8
KAFB-106140-450	SV140-450-212	4/12/2021	N	Chloromethane	7.1		ug/m3	Y	0.89
KAFB-106140-450	SV140-450-212	4/12/2021	N	Chloroethane	1.3	J	ug/m3	Y	0.69
KAFB-106140-450	SV140-450-212	4/12/2021	N	Vinyl chloride	0.82	J	ug/m3	Y	0.59
KAFB-106140-450	SV140-450-212	4/12/2021	N	Methylene chloride	< 3.3	U	ug/m3	N	1.6
KAFB-106140-450	SV140-450-212	4/12/2021	N	Carbon disulfide	35		ug/m3	Y	1.7
KAFB-106140-450	SV140-450-212	4/12/2021	N	Bromoform	< 3.3	U	ug/m3	N	1.1
KAFB-106140-450	SV140-450-212	4/12/2021	N	Bromodichloromethane	< 1.8	U	ug/m3	N	0.8
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,1-Dichloroethane	< 3.4	U	ug/m3	N	0.81
KAFB-106140-450	SV140-450-212	4/12/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.84
KAFB-106140-450	SV140-450-212	4/12/2021	N	Dichlorodifluoromethane	8.7		ug/m3	Y	0.9
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.8	U	ug/m3	N	0.79
KAFB-106140-450	SV140-450-212	4/12/2021	N	2-Butanone	140		ug/m3	Y	1.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106140-450	SV140-450-212	4/12/2021	N	Trichloroethene	< 1.8	U	ug/m3	N	0.75
KAFB-106140-450	SV140-450-212	4/12/2021	N	Naphthalene	< 3.2	U	ug/m3	N	1.4
KAFB-106140-450	SV140-450-212	4/12/2021	N	o-Xylene	2.8	J	ug/m3	Y	0.8
KAFB-106140-450	SV140-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	8		ug/m3	Y	0.77
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Ethylbenzene	7.6		ug/m3	Y	0.83
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Styrene	< 3.5	U	ug/m3	N	0.95
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,2-Dibromoethane	< 1.9	U	ug/m3	N	0.68
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,3-Butadiene	< 3.5	U	ug/m3	N	0.97
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,2-Dichloroethane	0.91	J	ug/m3	Y	0.65
KAFB-106140-450	SV140-450-612	4/12/2021	FD	4-Methyl-2-pentanone	4.3	J	ug/m3	Y	0.8
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,3,5-Trimethylbenzene	10		ug/m3	Y	0.85
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Toluene	42		ug/m3	Y	0.72
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Tetrahydrofuran	110		ug/m3	Y	0.74
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Hexane	4.1	J	ug/m3	Y	1.2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Cyclohexane	20		ug/m3	Y	1.7
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Propylene (propene)	2.1	J	ug/m3	Y	1.4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,2,4-Trichlorobenzene	< 3.5	U	ug/m3	N	1.4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,4-Dioxane	< 1.9	U	ug/m3	N	0.69
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Dibromochloromethane	< 1.9	U	ug/m3	N	0.77
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Tetrachloroethene	1.7	J	ug/m3	Y	0.76
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Xylenes, total	46		ug/m3	Y	1.5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Ethyl acetate	< 7.2	U	ug/m3	N	3.1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	n-Heptane	4.1	J	ug/m3	Y	0.94
KAFB-106140-450	SV140-450-612	4/12/2021	FD	m- & p-Xylenes	36		ug/m3	Y	1.5
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Carbon tetrachloride	2.8	J	ug/m3	Y	0.81
KAFB-106140-450	SV140-450-612	4/12/2021	FD	2-Hexanone	< 1.9	U	ug/m3	N	0.73
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Ethanol	30	J	ug/m3	Y	4.1
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Isopropyl alcohol	3.8	J	ug/m3	Y	2.4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Acetone	390		ug/m3	Y	13
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Chloroform	1.7	J	ug/m3	Y	0.78
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Benzene	53		ug/m3	Y	0.85
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Chloromethane	7.3		ug/m3	Y	0.95
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Chloroethane	1.2	J	ug/m3	Y	0.73
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Vinyl chloride	0.75	J	ug/m3	Y	0.63
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Methylene chloride	< 3.5	U	ug/m3	N	1.7
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Carbon disulfide	15		ug/m3	Y	1.8
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Bromoform	< 3.5	U	ug/m3	N	1.2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Bromodichloromethane	< 1.9	U	ug/m3	N	0.85
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,1-Dichloroethane	< 3.6	U	ug/m3	N	0.86
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.89
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Dichlorodifluoromethane	8.6		ug/m3	Y	0.96
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1.9	U	ug/m3	N	0.84
KAFB-106140-450	SV140-450-612	4/12/2021	FD	2-Butanone	320		ug/m3	Y	1.2
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Trichloroethene	2.2	J	ug/m3	Y	0.79
KAFB-106140-450	SV140-450-612	4/12/2021	FD	Naphthalene	4.9	J	ug/m3	Y	1.4
KAFB-106140-450	SV140-450-612	4/12/2021	FD	o-Xylene	10		ug/m3	Y	0.85
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1,2,4-Trimethylbenzene	42		ug/m3	Y	0.81
SVMW-14-150	SV14-150-212	4/13/2021	N	Ethylbenzene	< 0.8	U	ug/m3	N	0.35
SVMW-14-150	SV14-150-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
SVMW-14-150	SV14-150-212	4/13/2021	N	1,2-Dibromoethane	< 0.8	U	ug/m3	N	0.29
SVMW-14-150	SV14-150-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
SVMW-14-150	SV14-150-212	4/13/2021	N	1,2-Dichloroethane	< 0.8	U	ug/m3	N	0.28
SVMW-14-150	SV14-150-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.8	U	ug/m3	N	0.34
SVMW-14-150	SV14-150-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.8	U	ug/m3	N	0.36
SVMW-14-150	SV14-150-212	4/13/2021	N	Toluene	1.1	J	ug/m3	Y	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-14-150	SV14-150-212	4/13/2021	N	Tetrahydrofuran	180		ug/m3	Y	0.32
SVMW-14-150	SV14-150-212	4/13/2021	N	Hexane	2	J	ug/m3	Y	0.52
SVMW-14-150	SV14-150-212	4/13/2021	N	Cyclohexane	44		ug/m3	Y	0.71
SVMW-14-150	SV14-150-212	4/13/2021	N	Propylene (propene)	18		ug/m3	Y	0.61
SVMW-14-150	SV14-150-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
SVMW-14-150	SV14-150-212	4/13/2021	N	1,4-Dioxane	< 0.8	U	ug/m3	N	0.3
SVMW-14-150	SV14-150-212	4/13/2021	N	Dibromochloromethane	< 0.8	U	ug/m3	N	0.33
SVMW-14-150	SV14-150-212	4/13/2021	N	Tetrachloroethene	89		ug/m3	Y	0.33
SVMW-14-150	SV14-150-212	4/13/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.66
SVMW-14-150	SV14-150-212	4/13/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
SVMW-14-150	SV14-150-212	4/13/2021	N	n-Heptane	3.6		ug/m3	Y	0.4
SVMW-14-150	SV14-150-212	4/13/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.66
SVMW-14-150	SV14-150-212	4/13/2021	N	Carbon tetrachloride	320		ug/m3	Y	0.35
SVMW-14-150	SV14-150-212	4/13/2021	N	2-Hexanone	< 0.8	U	ug/m3	N	0.31
SVMW-14-150	SV14-150-212	4/13/2021	N	Ethanol	33		ug/m3	Y	1.7
SVMW-14-150	SV14-150-212	4/13/2021	N	Isopropyl alcohol	210		ug/m3	Y	1
SVMW-14-150	SV14-150-212	4/13/2021	N	Acetone	< 13	U	ug/m3	N	5.7
SVMW-14-150	SV14-150-212	4/13/2021	N	Chloroform	1.5	J	ug/m3	Y	0.34
SVMW-14-150	SV14-150-212	4/13/2021	N	Benzene	0.76	J	ug/m3	Y	0.36
SVMW-14-150	SV14-150-212	4/13/2021	N	Chloromethane	0.99	J	ug/m3	Y	0.41
SVMW-14-150	SV14-150-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
SVMW-14-150	SV14-150-212	4/13/2021	N	Vinyl chloride	< 0.8	U	ug/m3	N	0.27
SVMW-14-150	SV14-150-212	4/13/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.71
SVMW-14-150	SV14-150-212	4/13/2021	N	Carbon disulfide	4.9		ug/m3	Y	0.76
SVMW-14-150	SV14-150-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
SVMW-14-150	SV14-150-212	4/13/2021	N	Bromodichloromethane	< 0.8	U	ug/m3	N	0.36
SVMW-14-150	SV14-150-212	4/13/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
SVMW-14-150	SV14-150-212	4/13/2021	N	Trichlorofluoromethane	8.5		ug/m3	Y	0.38
SVMW-14-150	SV14-150-212	4/13/2021	N	Dichlorodifluoromethane	59		ug/m3	Y	0.41
SVMW-14-150	SV14-150-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	160		ug/m3	Y	0.36
SVMW-14-150	SV14-150-212	4/13/2021	N	2-Butanone	6.3		ug/m3	Y	0.52
SVMW-14-150	SV14-150-212	4/13/2021	N	Trichloroethene	110		ug/m3	Y	0.34
SVMW-14-150	SV14-150-212	4/13/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.61
SVMW-14-150	SV14-150-212	4/13/2021	N	o-Xylene	< 0.8	U	ug/m3	N	0.36
SVMW-14-150	SV14-150-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.8	U	ug/m3	N	0.35
SVMW-14-250	SV14-250-212	4/13/2021	N	Ethylbenzene	< 0.86	U	ug/m3	N	0.38
SVMW-14-250	SV14-250-212	4/13/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
SVMW-14-250	SV14-250-212	4/13/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
SVMW-14-250	SV14-250-212	4/13/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
SVMW-14-250	SV14-250-212	4/13/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
SVMW-14-250	SV14-250-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
SVMW-14-250	SV14-250-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
SVMW-14-250	SV14-250-212	4/13/2021	N	Toluene	0.99	J	ug/m3	Y	0.33
SVMW-14-250	SV14-250-212	4/13/2021	N	Tetrahydrofuran	100		ug/m3	Y	0.34
SVMW-14-250	SV14-250-212	4/13/2021	N	Hexane	9.8		ug/m3	Y	0.56
SVMW-14-250	SV14-250-212	4/13/2021	N	Cyclohexane	160		ug/m3	Y	0.76
SVMW-14-250	SV14-250-212	4/13/2021	N	Propylene (propene)	1.9	J	ug/m3	Y	0.66
SVMW-14-250	SV14-250-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
SVMW-14-250	SV14-250-212	4/13/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
SVMW-14-250	SV14-250-212	4/13/2021	N	Dibromochloromethane	< 0.86	U	ug/m3	N	0.35
SVMW-14-250	SV14-250-212	4/13/2021	N	Tetrachloroethene	100		ug/m3	Y	0.35
SVMW-14-250	SV14-250-212	4/13/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.71
SVMW-14-250	SV14-250-212	4/13/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
SVMW-14-250	SV14-250-212	4/13/2021	N	n-Heptane	1.9	J	ug/m3	Y	0.43
SVMW-14-250	SV14-250-212	4/13/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.71

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-14-250	SV14-250-212	4/13/2021	N	Carbon tetrachloride	320		ug/m3	Y	0.37
SVMW-14-250	SV14-250-212	4/13/2021	N	2-Hexanone	< 0.86	U	ug/m3	N	0.33
SVMW-14-250	SV14-250-212	4/13/2021	N	Ethanol	18	J	ug/m3	Y	1.9
SVMW-14-250	SV14-250-212	4/13/2021	N	Isopropyl alcohol	1.4	J	ug/m3	Y	1.1
SVMW-14-250	SV14-250-212	4/13/2021	N	Acetone	< 14	U	ug/m3	N	6.1
SVMW-14-250	SV14-250-212	4/13/2021	N	Chloroform	1.8	J	ug/m3	Y	0.36
SVMW-14-250	SV14-250-212	4/13/2021	N	Benzene	0.62	J	ug/m3	Y	0.39
SVMW-14-250	SV14-250-212	4/13/2021	N	Chloromethane	0.63	J	ug/m3	Y	0.43
SVMW-14-250	SV14-250-212	4/13/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
SVMW-14-250	SV14-250-212	4/13/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
SVMW-14-250	SV14-250-212	4/13/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.76
SVMW-14-250	SV14-250-212	4/13/2021	N	Carbon disulfide	2.6	J	ug/m3	Y	0.81
SVMW-14-250	SV14-250-212	4/13/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
SVMW-14-250	SV14-250-212	4/13/2021	N	Bromodichloromethane	< 0.86	U	ug/m3	N	0.39
SVMW-14-250	SV14-250-212	4/13/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
SVMW-14-250	SV14-250-212	4/13/2021	N	Trichlorofluoromethane	8.5		ug/m3	Y	0.41
SVMW-14-250	SV14-250-212	4/13/2021	N	Dichlorodifluoromethane	63		ug/m3	Y	0.44
SVMW-14-250	SV14-250-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	150		ug/m3	Y	0.38
SVMW-14-250	SV14-250-212	4/13/2021	N	2-Butanone	8.6		ug/m3	Y	0.56
SVMW-14-250	SV14-250-212	4/13/2021	N	Trichloroethene	140		ug/m3	Y	0.36
SVMW-14-250	SV14-250-212	4/13/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
SVMW-14-250	SV14-250-212	4/13/2021	N	o-Xylene	< 0.86	U	ug/m3	N	0.39
SVMW-14-250	SV14-250-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.86	U	ug/m3	N	0.37
SVMW-14-350	SV14-350-212	4/13/2021	N	Ethylbenzene	0.44	J	ug/m3	Y	0.38
SVMW-14-350	SV14-350-212	4/13/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
SVMW-14-350	SV14-350-212	4/13/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
SVMW-14-350	SV14-350-212	4/13/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
SVMW-14-350	SV14-350-212	4/13/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
SVMW-14-350	SV14-350-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
SVMW-14-350	SV14-350-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
SVMW-14-350	SV14-350-212	4/13/2021	N	Toluene	8.8		ug/m3	Y	0.33
SVMW-14-350	SV14-350-212	4/13/2021	N	Tetrahydrofuran	330		ug/m3	Y	0.34
SVMW-14-350	SV14-350-212	4/13/2021	N	Hexane	1.2	J	ug/m3	Y	0.56
SVMW-14-350	SV14-350-212	4/13/2021	N	Cyclohexane	0.77	J	ug/m3	Y	0.76
SVMW-14-350	SV14-350-212	4/13/2021	N	Propylene (propene)	0.83	J	ug/m3	Y	0.66
SVMW-14-350	SV14-350-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
SVMW-14-350	SV14-350-212	4/13/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
SVMW-14-350	SV14-350-212	4/13/2021	N	Dibromochloromethane	< 0.86	U	ug/m3	N	0.35
SVMW-14-350	SV14-350-212	4/13/2021	N	Tetrachloroethene	43		ug/m3	Y	0.35
SVMW-14-350	SV14-350-212	4/13/2021	N	Xylenes, total	1.9	J	ug/m3	Y	0.71
SVMW-14-350	SV14-350-212	4/13/2021	N	Ethyl acetate	19		ug/m3	Y	1.4
SVMW-14-350	SV14-350-212	4/13/2021	N	n-Heptane	2	J	ug/m3	Y	0.43
SVMW-14-350	SV14-350-212	4/13/2021	N	m- & p-Xylenes	1.3	J	ug/m3	Y	0.71
SVMW-14-350	SV14-350-212	4/13/2021	N	Carbon tetrachloride	64		ug/m3	Y	0.37
SVMW-14-350	SV14-350-212	4/13/2021	N	2-Hexanone	1.1	J	ug/m3	Y	0.33
SVMW-14-350	SV14-350-212	4/13/2021	N	Ethanol	28		ug/m3	Y	1.9
SVMW-14-350	SV14-350-212	4/13/2021	N	Isopropyl alcohol	2.4	J	ug/m3	Y	1.1
SVMW-14-350	SV14-350-212	4/13/2021	N	Acetone	440		ug/m3	Y	6.1
SVMW-14-350	SV14-350-212	4/13/2021	N	Chloroform	3.5		ug/m3	Y	0.36
SVMW-14-350	SV14-350-212	4/13/2021	N	Benzene	4.4		ug/m3	Y	0.39
SVMW-14-350	SV14-350-212	4/13/2021	N	Chloromethane	2.3	J	ug/m3	Y	0.43
SVMW-14-350	SV14-350-212	4/13/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
SVMW-14-350	SV14-350-212	4/13/2021	N	Vinyl chloride	0.79	J	ug/m3	Y	0.29
SVMW-14-350	SV14-350-212	4/13/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.76
SVMW-14-350	SV14-350-212	4/13/2021	N	Carbon disulfide	6.3		ug/m3	Y	0.81

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-14-350	SV14-350-212	4/13/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
SVMW-14-350	SV14-350-212	4/13/2021	N	Bromodichloromethane	< 0.86	U	ug/m3	N	0.39
SVMW-14-350	SV14-350-212	4/13/2021	N	1,1-Dichloroethane	2.1	J	ug/m3	Y	0.39
SVMW-14-350	SV14-350-212	4/13/2021	N	Trichlorofluoromethane	81		ug/m3	Y	0.41
SVMW-14-350	SV14-350-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	55		ug/m3	Y	0.38
SVMW-14-350	SV14-350-212	4/13/2021	N	2-Butanone	260		ug/m3	Y	0.56
SVMW-14-350	SV14-350-212	4/13/2021	N	Trichloroethene	200		ug/m3	Y	0.36
SVMW-14-350	SV14-350-212	4/13/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
SVMW-14-350	SV14-350-212	4/13/2021	N	o-Xylene	0.59	J	ug/m3	Y	0.39
SVMW-14-350	SV14-350-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.86	U	ug/m3	N	0.37
SVMW-14-350	SV14-350-212	4/13/2021	N	Dichlorodifluoromethane	890		ug/m3	Y	4.4
SVMW-14-450	SV14-450-212	4/13/2021	N	Ethylbenzene	< 0.81	U	ug/m3	N	0.36
SVMW-14-450	SV14-450-212	4/13/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
SVMW-14-450	SV14-450-212	4/13/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.29
SVMW-14-450	SV14-450-212	4/13/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
SVMW-14-450	SV14-450-212	4/13/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
SVMW-14-450	SV14-450-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.81	U	ug/m3	N	0.35
SVMW-14-450	SV14-450-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 0.81	U	ug/m3	N	0.37
SVMW-14-450	SV14-450-212	4/13/2021	N	Toluene	1.9	J	ug/m3	Y	0.31
SVMW-14-450	SV14-450-212	4/13/2021	N	Tetrahydrofuran	5		ug/m3	Y	0.32
SVMW-14-450	SV14-450-212	4/13/2021	N	Hexane	0.79	J	ug/m3	Y	0.52
SVMW-14-450	SV14-450-212	4/13/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.71
SVMW-14-450	SV14-450-212	4/13/2021	N	Propylene (propene)	0.76	J	ug/m3	Y	0.62
SVMW-14-450	SV14-450-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
SVMW-14-450	SV14-450-212	4/13/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
SVMW-14-450	SV14-450-212	4/13/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
SVMW-14-450	SV14-450-212	4/13/2021	N	Tetrachloroethene	2.3	J	ug/m3	Y	0.33
SVMW-14-450	SV14-450-212	4/13/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.67
SVMW-14-450	SV14-450-212	4/13/2021	N	Ethyl acetate	1.9	J	ug/m3	Y	1.3
SVMW-14-450	SV14-450-212	4/13/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.4
SVMW-14-450	SV14-450-212	4/13/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.67
SVMW-14-450	SV14-450-212	4/13/2021	N	Carbon tetrachloride	1.9	J	ug/m3	Y	0.35
SVMW-14-450	SV14-450-212	4/13/2021	N	2-Hexanone	0.93	J	ug/m3	Y	0.31
SVMW-14-450	SV14-450-212	4/13/2021	N	Ethanol	25	J	ug/m3	Y	1.8
SVMW-14-450	SV14-450-212	4/13/2021	N	Isopropyl alcohol	2.6	J	ug/m3	Y	1
SVMW-14-450	SV14-450-212	4/13/2021	N	Acetone	8.7	J	ug/m3	Y	5.7
SVMW-14-450	SV14-450-212	4/13/2021	N	Chloroform	< 0.81	U	ug/m3	N	0.34
SVMW-14-450	SV14-450-212	4/13/2021	N	Benzene	0.71	J	ug/m3	Y	0.37
SVMW-14-450	SV14-450-212	4/13/2021	N	Chloromethane	0.41	J	ug/m3	Y	0.41
SVMW-14-450	SV14-450-212	4/13/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
SVMW-14-450	SV14-450-212	4/13/2021	N	Vinyl chloride	1.2	J	ug/m3	Y	0.27
SVMW-14-450	SV14-450-212	4/13/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.71
SVMW-14-450	SV14-450-212	4/13/2021	N	Carbon disulfide	2.5	J	ug/m3	Y	0.76
SVMW-14-450	SV14-450-212	4/13/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
SVMW-14-450	SV14-450-212	4/13/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
SVMW-14-450	SV14-450-212	4/13/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
SVMW-14-450	SV14-450-212	4/13/2021	N	Trichlorofluoromethane	0.52	J	ug/m3	Y	0.38
SVMW-14-450	SV14-450-212	4/13/2021	N	Dichlorodifluoromethane	11		ug/m3	Y	0.41
SVMW-14-450	SV14-450-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	J	ug/m3	Y	0.36
SVMW-14-450	SV14-450-212	4/13/2021	N	2-Butanone	8.5		ug/m3	Y	0.52
SVMW-14-450	SV14-450-212	4/13/2021	N	Trichloroethene	0.76	J	ug/m3	Y	0.34
SVMW-14-450	SV14-450-212	4/13/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.62
SVMW-14-450	SV14-450-212	4/13/2021	N	o-Xylene	< 0.81	U	ug/m3	N	0.37
SVMW-14-450	SV14-450-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 0.81	U	ug/m3	N	0.35
SVMW-14-450	SV14-450-612	4/13/2021	FD	Ethylbenzene	< 0.79	U	ug/m3	N	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-14-450	SV14-450-612	4/13/2021	FD	Styrene	< 1.5	U	ug/m3	N	0.4
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.28
SVMW-14-450	SV14-450-612	4/13/2021	FD	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,3,5-Trimethylbenzene	< 0.79	U	ug/m3	N	0.36
SVMW-14-450	SV14-450-612	4/13/2021	FD	Toluene	3.2		ug/m3	Y	0.3
SVMW-14-450	SV14-450-612	4/13/2021	FD	Tetrahydrofuran	11		ug/m3	Y	0.31
SVMW-14-450	SV14-450-612	4/13/2021	FD	Hexane	4		ug/m3	Y	0.51
SVMW-14-450	SV14-450-612	4/13/2021	FD	Cyclohexane	1.6	J	ug/m3	Y	0.7
SVMW-14-450	SV14-450-612	4/13/2021	FD	Propylene (propene)	0.9	J	ug/m3	Y	0.61
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
SVMW-14-450	SV14-450-612	4/13/2021	FD	Dibromochloromethane	< 0.79	U	ug/m3	N	0.33
SVMW-14-450	SV14-450-612	4/13/2021	FD	Tetrachloroethene	2.4	J	ug/m3	Y	0.32
SVMW-14-450	SV14-450-612	4/13/2021	FD	Xylenes, total	0.85	J	ug/m3	Y	0.65
SVMW-14-450	SV14-450-612	4/13/2021	FD	Ethyl acetate	< 3	U	ug/m3	N	1.3
SVMW-14-450	SV14-450-612	4/13/2021	FD	n-Heptane	6.2		ug/m3	Y	0.4
SVMW-14-450	SV14-450-612	4/13/2021	FD	m- & p-Xylenes	0.85	J	ug/m3	Y	0.65
SVMW-14-450	SV14-450-612	4/13/2021	FD	Carbon tetrachloride	2	J	ug/m3	Y	0.35
SVMW-14-450	SV14-450-612	4/13/2021	FD	2-Hexanone	1.5	J	ug/m3	Y	0.31
SVMW-14-450	SV14-450-612	4/13/2021	FD	Ethanol	27		ug/m3	Y	1.7
SVMW-14-450	SV14-450-612	4/13/2021	FD	Isopropyl alcohol	3.3	J	ug/m3	Y	1
SVMW-14-450	SV14-450-612	4/13/2021	FD	Acetone	11	J	ug/m3	Y	5.6
SVMW-14-450	SV14-450-612	4/13/2021	FD	Chloroform	< 0.79	U	ug/m3	N	0.33
SVMW-14-450	SV14-450-612	4/13/2021	FD	Benzene	1.2	J	ug/m3	Y	0.36
SVMW-14-450	SV14-450-612	4/13/2021	FD	Chloromethane	0.77	J	ug/m3	Y	0.4
SVMW-14-450	SV14-450-612	4/13/2021	FD	Chloroethane	< 1.5	U	ug/m3	N	0.31
SVMW-14-450	SV14-450-612	4/13/2021	FD	Vinyl chloride	1.8	J	ug/m3	Y	0.27
SVMW-14-450	SV14-450-612	4/13/2021	FD	Methylene chloride	< 1.5	U	ug/m3	N	0.7
SVMW-14-450	SV14-450-612	4/13/2021	FD	Carbon disulfide	4.8		ug/m3	Y	0.75
SVMW-14-450	SV14-450-612	4/13/2021	FD	Bromoform	< 1.5	U	ug/m3	N	0.51
SVMW-14-450	SV14-450-612	4/13/2021	FD	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
SVMW-14-450	SV14-450-612	4/13/2021	FD	Trichlorofluoromethane	0.49	J	ug/m3	Y	0.38
SVMW-14-450	SV14-450-612	4/13/2021	FD	Dichlorodifluoromethane	11		ug/m3	Y	0.41
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	J	ug/m3	Y	0.36
SVMW-14-450	SV14-450-612	4/13/2021	FD	2-Butanone	9.4		ug/m3	Y	0.51
SVMW-14-450	SV14-450-612	4/13/2021	FD	Trichloroethene	0.83	J	ug/m3	Y	0.34
SVMW-14-450	SV14-450-612	4/13/2021	FD	Naphthalene	< 1.4	U	ug/m3	N	0.61
SVMW-14-450	SV14-450-612	4/13/2021	FD	o-Xylene	< 0.79	U	ug/m3	N	0.36
SVMW-14-450	SV14-450-612	4/13/2021	FD	1,2,4-Trimethylbenzene	< 0.79	U	ug/m3	N	0.35
SVEW-12-410	SVE12-410-212	4/13/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.45
SVEW-12-410	SVE12-410-212	4/13/2021	N	Styrene	< 1.9	U	ug/m3	N	0.51
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,2-Dibromoethane	< 1	U	ug/m3	N	0.37
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,3-Butadiene	< 1.9	U	ug/m3	N	0.53
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,2-Dichloroethane	< 1	U	ug/m3	N	0.35
SVEW-12-410	SVE12-410-212	4/13/2021	N	4-Methyl-2-pentanone	< 1	U	ug/m3	N	0.44
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,3,5-Trimethylbenzene	< 1	U	ug/m3	N	0.46
SVEW-12-410	SVE12-410-212	4/13/2021	N	Toluene	3.7		ug/m3	Y	0.39
SVEW-12-410	SVE12-410-212	4/13/2021	N	Tetrahydrofuran	1.2	J	ug/m3	Y	0.4
SVEW-12-410	SVE12-410-212	4/13/2021	N	Hexane	1.5	J	ug/m3	Y	0.66
SVEW-12-410	SVE12-410-212	4/13/2021	N	Cyclohexane	< 2	U	ug/m3	N	0.9
SVEW-12-410	SVE12-410-212	4/13/2021	N	Propylene (propene)	< 1.9	U	ug/m3	N	0.78
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.9	U	ug/m3	N	0.78

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,4-Dioxane	< 1	U	ug/m3	N	0.38
SVEW-12-410	SVE12-410-212	4/13/2021	N	Dibromochloromethane	< 1	U	ug/m3	N	0.42
SVEW-12-410	SVE12-410-212	4/13/2021	N	Tetrachloroethene	32		ug/m3	Y	0.41
SVEW-12-410	SVE12-410-212	4/13/2021	N	Xylenes, total	< 2	U	ug/m3	N	0.84
SVEW-12-410	SVE12-410-212	4/13/2021	N	Ethyl acetate	< 3.9	U	ug/m3	N	1.7
SVEW-12-410	SVE12-410-212	4/13/2021	N	n-Heptane	1.4	J	ug/m3	Y	0.51
SVEW-12-410	SVE12-410-212	4/13/2021	N	m- & p-Xylenes	< 2	U	ug/m3	N	0.84
SVEW-12-410	SVE12-410-212	4/13/2021	N	Carbon tetrachloride	41		ug/m3	Y	0.44
SVEW-12-410	SVE12-410-212	4/13/2021	N	2-Hexanone	0.75	J	ug/m3	Y	0.39
SVEW-12-410	SVE12-410-212	4/13/2021	N	Ethanol	23	J	ug/m3	Y	2.2
SVEW-12-410	SVE12-410-212	4/13/2021	N	Isopropyl alcohol	3.8	J	ug/m3	Y	1.3
SVEW-12-410	SVE12-410-212	4/13/2021	N	Acetone	17	J	ug/m3	Y	7.2
SVEW-12-410	SVE12-410-212	4/13/2021	N	Chloroform	1.2	J	ug/m3	Y	0.42
SVEW-12-410	SVE12-410-212	4/13/2021	N	Benzene	5.7		ug/m3	Y	0.46
SVEW-12-410	SVE12-410-212	4/13/2021	N	Chloromethane	< 1.9	U	ug/m3	N	0.51
SVEW-12-410	SVE12-410-212	4/13/2021	N	Chloroethane	< 1.9	U	ug/m3	N	0.39
SVEW-12-410	SVE12-410-212	4/13/2021	N	Vinyl chloride	< 1	U	ug/m3	N	0.34
SVEW-12-410	SVE12-410-212	4/13/2021	N	Methylene chloride	< 1.9	U	ug/m3	N	0.9
SVEW-12-410	SVE12-410-212	4/13/2021	N	Carbon disulfide	2.2	J	ug/m3	Y	0.96
SVEW-12-410	SVE12-410-212	4/13/2021	N	Bromoform	< 1.9	U	ug/m3	N	0.66
SVEW-12-410	SVE12-410-212	4/13/2021	N	Bromodichloromethane	< 1	U	ug/m3	N	0.46
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,1-Dichloroethane	1	J	ug/m3	Y	0.47
SVEW-12-410	SVE12-410-212	4/13/2021	N	Trichlorofluoromethane	56		ug/m3	Y	0.48
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	40		ug/m3	Y	0.45
SVEW-12-410	SVE12-410-212	4/13/2021	N	2-Butanone	7.5		ug/m3	Y	0.66
SVEW-12-410	SVE12-410-212	4/13/2021	N	Trichloroethene	86		ug/m3	Y	0.43
SVEW-12-410	SVE12-410-212	4/13/2021	N	Naphthalene	< 1.9	U	ug/m3	N	0.78
SVEW-12-410	SVE12-410-212	4/13/2021	N	o-Xylene	< 1	U	ug/m3	N	0.46
SVEW-12-410	SVE12-410-212	4/13/2021	N	1,2,4-Trimethylbenzene	< 1	U	ug/m3	N	0.44
SVEW-12-410	SVE12-410-212	4/13/2021	N	Dichlorodifluoromethane	730		ug/m3	Y	5.2
KAFB-106115-250	SV115-250-212	4/13/2021	N	Ethylbenzene	5.2		ug/m3	Y	0.32
KAFB-106115-250	SV115-250-212	4/13/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,2-Dibromoethane	< 0.73	U	ug/m3	N	0.27
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,2-Dichloroethane	< 0.73	U	ug/m3	N	0.25
KAFB-106115-250	SV115-250-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.73	U	ug/m3	N	0.31
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,3,5-Trimethylbenzene	9.1		ug/m3	Y	0.33
KAFB-106115-250	SV115-250-212	4/13/2021	N	Toluene	22		ug/m3	Y	0.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	Tetrahydrofuran	0.37	J	ug/m3	Y	0.29
KAFB-106115-250	SV115-250-212	4/13/2021	N	Hexane	2.9		ug/m3	Y	0.47
KAFB-106115-250	SV115-250-212	4/13/2021	N	Cyclohexane	2.6	J	ug/m3	Y	0.64
KAFB-106115-250	SV115-250-212	4/13/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.56
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,4-Dioxane	< 0.73	U	ug/m3	N	0.27
KAFB-106115-250	SV115-250-212	4/13/2021	N	Dibromochloromethane	< 0.73	U	ug/m3	N	0.3
KAFB-106115-250	SV115-250-212	4/13/2021	N	Tetrachloroethene	1.5	J	ug/m3	Y	0.29
KAFB-106115-250	SV115-250-212	4/13/2021	N	Xylenes, total	38		ug/m3	Y	0.6
KAFB-106115-250	SV115-250-212	4/13/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106115-250	SV115-250-212	4/13/2021	N	n-Heptane	7.5		ug/m3	Y	0.36
KAFB-106115-250	SV115-250-212	4/13/2021	N	m- & p-Xylenes	29		ug/m3	Y	0.6
KAFB-106115-250	SV115-250-212	4/13/2021	N	Carbon tetrachloride	0.91	J	ug/m3	Y	0.32
KAFB-106115-250	SV115-250-212	4/13/2021	N	2-Hexanone	< 0.73	U	ug/m3	N	0.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	Ethanol	3.2	J	ug/m3	Y	1.6
KAFB-106115-250	SV115-250-212	4/13/2021	N	Isopropyl alcohol	< 2.7	U	ug/m3	N	0.94
KAFB-106115-250	SV115-250-212	4/13/2021	N	Acetone	17	J	ug/m3	Y	5.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106115-250	SV115-250-212	4/13/2021	N	Chloroform	< 0.73	U	ug/m3	N	0.3
KAFB-106115-250	SV115-250-212	4/13/2021	N	Benzene	3.3		ug/m3	Y	0.33
KAFB-106115-250	SV115-250-212	4/13/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.37
KAFB-106115-250	SV115-250-212	4/13/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106115-250	SV115-250-212	4/13/2021	N	Vinyl chloride	< 0.73	U	ug/m3	N	0.24
KAFB-106115-250	SV115-250-212	4/13/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.64
KAFB-106115-250	SV115-250-212	4/13/2021	N	Carbon disulfide	9.7		ug/m3	Y	0.68
KAFB-106115-250	SV115-250-212	4/13/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106115-250	SV115-250-212	4/13/2021	N	Bromodichloromethane	< 0.73	U	ug/m3	N	0.33
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106115-250	SV115-250-212	4/13/2021	N	Trichlorofluoromethane	0.62	J	ug/m3	Y	0.35
KAFB-106115-250	SV115-250-212	4/13/2021	N	Dichlorodifluoromethane	0.65	J	ug/m3	Y	0.37
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	J	ug/m3	Y	0.32
KAFB-106115-250	SV115-250-212	4/13/2021	N	2-Butanone	3	J	ug/m3	Y	0.47
KAFB-106115-250	SV115-250-212	4/13/2021	N	Trichloroethene	0.96	J	ug/m3	Y	0.31
KAFB-106115-250	SV115-250-212	4/13/2021	N	Naphthalene	2.6		ug/m3	Y	0.56
KAFB-106115-250	SV115-250-212	4/13/2021	N	o-Xylene	8.6		ug/m3	Y	0.33
KAFB-106115-250	SV115-250-212	4/13/2021	N	1,2,4-Trimethylbenzene	30		ug/m3	Y	0.32
KAFB-106115-350	SV115-350-212	4/13/2021	N	Ethylbenzene	2.1	J	ug/m3	Y	0.37
KAFB-106115-350	SV115-350-212	4/13/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106115-350	SV115-350-212	4/13/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,3,5-Trimethylbenzene	3.7		ug/m3	Y	0.38
KAFB-106115-350	SV115-350-212	4/13/2021	N	Toluene	8.6		ug/m3	Y	0.32
KAFB-106115-350	SV115-350-212	4/13/2021	N	Tetrahydrofuran	15		ug/m3	Y	0.33
KAFB-106115-350	SV115-350-212	4/13/2021	N	Hexane	0.92	J	ug/m3	Y	0.54
KAFB-106115-350	SV115-350-212	4/13/2021	N	Cyclohexane	0.89	J	ug/m3	Y	0.74
KAFB-106115-350	SV115-350-212	4/13/2021	N	Propylene (propene)	1.1	J	ug/m3	Y	0.64
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106115-350	SV115-350-212	4/13/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.34
KAFB-106115-350	SV115-350-212	4/13/2021	N	Tetrachloroethene	0.92	J	ug/m3	Y	0.34
KAFB-106115-350	SV115-350-212	4/13/2021	N	Xylenes, total	15		ug/m3	Y	0.69
KAFB-106115-350	SV115-350-212	4/13/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106115-350	SV115-350-212	4/13/2021	N	n-Heptane	2.5	J	ug/m3	Y	0.42
KAFB-106115-350	SV115-350-212	4/13/2021	N	m- & p-Xylenes	11		ug/m3	Y	0.69
KAFB-106115-350	SV115-350-212	4/13/2021	N	Carbon tetrachloride	< 0.84	U	ug/m3	N	0.36
KAFB-106115-350	SV115-350-212	4/13/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
KAFB-106115-350	SV115-350-212	4/13/2021	N	Ethanol	2.9	J	ug/m3	Y	1.8
KAFB-106115-350	SV115-350-212	4/13/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
KAFB-106115-350	SV115-350-212	4/13/2021	N	Acetone	12	J	ug/m3	Y	5.9
KAFB-106115-350	SV115-350-212	4/13/2021	N	Chloroform	< 0.84	U	ug/m3	N	0.35
KAFB-106115-350	SV115-350-212	4/13/2021	N	Benzene	2.5	J	ug/m3	Y	0.38
KAFB-106115-350	SV115-350-212	4/13/2021	N	Chloromethane	0.48	J	ug/m3	Y	0.42
KAFB-106115-350	SV115-350-212	4/13/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106115-350	SV115-350-212	4/13/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106115-350	SV115-350-212	4/13/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106115-350	SV115-350-212	4/13/2021	N	Carbon disulfide	33		ug/m3	Y	0.79
KAFB-106115-350	SV115-350-212	4/13/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106115-350	SV115-350-212	4/13/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106115-350	SV115-350-212	4/13/2021	N	Trichlorofluoromethane	< 1.6	U	ug/m3	N	0.4
KAFB-106115-350	SV115-350-212	4/13/2021	N	Dichlorodifluoromethane	< 1.6	U	ug/m3	N	0.43

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.84	U	ug/m3	N	0.37
KAFB-106115-350	SV115-350-212	4/13/2021	N	2-Butanone	1.7	J	ug/m3	Y	0.54
KAFB-106115-350	SV115-350-212	4/13/2021	N	Trichloroethene	11		ug/m3	Y	0.35
KAFB-106115-350	SV115-350-212	4/13/2021	N	Naphthalene	2	J	ug/m3	Y	0.64
KAFB-106115-350	SV115-350-212	4/13/2021	N	o-Xylene	3.5		ug/m3	Y	0.38
KAFB-106115-350	SV115-350-212	4/13/2021	N	1,2,4-Trimethylbenzene	13		ug/m3	Y	0.36
KAFB-106115-450	SV115-450-212	4/13/2021	N	Ethylbenzene	160	J	ug/m3	Y	37
KAFB-106115-450	SV115-450-212	4/13/2021	N	Styrene	< 160	U	ug/m3	N	43
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,2-Dibromoethane	< 84	U	ug/m3	N	31
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,3-Butadiene	< 160	U	ug/m3	N	44
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,2-Dichloroethane	< 84	U	ug/m3	N	29
KAFB-106115-450	SV115-450-212	4/13/2021	N	4-Methyl-2-pentanone	< 84	U	ug/m3	N	36
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,3,5-Trimethylbenzene	97	J	ug/m3	Y	38
KAFB-106115-450	SV115-450-212	4/13/2021	N	Toluene	3800		ug/m3	Y	32
KAFB-106115-450	SV115-450-212	4/13/2021	N	Tetrahydrofuran	< 84	U	ug/m3	N	33
KAFB-106115-450	SV115-450-212	4/13/2021	N	Hexane	880		ug/m3	Y	55
KAFB-106115-450	SV115-450-212	4/13/2021	N	Cyclohexane	2500		ug/m3	Y	75
KAFB-106115-450	SV115-450-212	4/13/2021	N	Propylene (propene)	320		ug/m3	Y	65
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,2,4-Trichlorobenzene	< 160	U	ug/m3	N	65
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,4-Dioxane	< 84	U	ug/m3	N	31
KAFB-106115-450	SV115-450-212	4/13/2021	N	Dibromochloromethane	< 84	U	ug/m3	N	35
KAFB-106115-450	SV115-450-212	4/13/2021	N	Tetrachloroethene	97	J	ug/m3	Y	34
KAFB-106115-450	SV115-450-212	4/13/2021	N	Xylenes, total	830		ug/m3	Y	70
KAFB-106115-450	SV115-450-212	4/13/2021	N	Ethyl acetate	930		ug/m3	Y	140
KAFB-106115-450	SV115-450-212	4/13/2021	N	n-Heptane	140	J	ug/m3	Y	42
KAFB-106115-450	SV115-450-212	4/13/2021	N	m- & p-Xylenes	550		ug/m3	Y	70
KAFB-106115-450	SV115-450-212	4/13/2021	N	Carbon tetrachloride	< 84	U	ug/m3	N	37
KAFB-106115-450	SV115-450-212	4/13/2021	N	2-Hexanone	< 84	U	ug/m3	N	33
KAFB-106115-450	SV115-450-212	4/13/2021	N	Ethanol	< 410	U	ug/m3	N	180
KAFB-106115-450	SV115-450-212	4/13/2021	N	Isopropyl alcohol	< 310	U	ug/m3	N	110
KAFB-106115-450	SV115-450-212	4/13/2021	N	Acetone	< 1300	U	ug/m3	N	600
KAFB-106115-450	SV115-450-212	4/13/2021	N	Chloroform	< 84	U	ug/m3	N	35
KAFB-106115-450	SV115-450-212	4/13/2021	N	Benzene	2700		ug/m3	Y	38
KAFB-106115-450	SV115-450-212	4/13/2021	N	Chloromethane	< 160	U	ug/m3	N	43
KAFB-106115-450	SV115-450-212	4/13/2021	N	Chloroethane	< 160	U	ug/m3	N	33
KAFB-106115-450	SV115-450-212	4/13/2021	N	Vinyl chloride	< 84	U	ug/m3	N	28
KAFB-106115-450	SV115-450-212	4/13/2021	N	Methylene chloride	< 160	U	ug/m3	N	75
KAFB-106115-450	SV115-450-212	4/13/2021	N	Carbon disulfide	< 270	U	ug/m3	N	79
KAFB-106115-450	SV115-450-212	4/13/2021	N	Bromoform	< 160	U	ug/m3	N	55
KAFB-106115-450	SV115-450-212	4/13/2021	N	Bromodichloromethane	< 84	U	ug/m3	N	38
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,1-Dichloroethane	< 160	U	ug/m3	N	39
KAFB-106115-450	SV115-450-212	4/13/2021	N	Trichlorofluoromethane	< 160	U	ug/m3	N	40
KAFB-106115-450	SV115-450-212	4/13/2021	N	Dichlorodifluoromethane	< 160	U	ug/m3	N	43
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	85	J	ug/m3	Y	38
KAFB-106115-450	SV115-450-212	4/13/2021	N	2-Butanone	< 160	U	ug/m3	N	55
KAFB-106115-450	SV115-450-212	4/13/2021	N	Trichloroethene	< 84	U	ug/m3	N	36
KAFB-106115-450	SV115-450-212	4/13/2021	N	Naphthalene	< 150	U	ug/m3	N	65
KAFB-106115-450	SV115-450-212	4/13/2021	N	o-Xylene	270		ug/m3	Y	38
KAFB-106115-450	SV115-450-212	4/13/2021	N	1,2,4-Trimethylbenzene	78	J	ug/m3	Y	37
KAFB-106120-025	SV120-025-212	4/12/2021	N	Ethylbenzene	4.6		ug/m3	Y	0.39
KAFB-106120-025	SV120-025-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,2-Dibromoethane	< 0.88	U	ug/m3	N	0.32
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.88	U	ug/m3	N	0.3
KAFB-106120-025	SV120-025-212	4/12/2021	N	4-Methyl-2-pentanone	0.43	J	ug/m3	Y	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	10		ug/m3	Y	0.4
KAFB-106120-025	SV120-025-212	4/12/2021	N	Toluene	9.1		ug/m3	Y	0.33
KAFB-106120-025	SV120-025-212	4/12/2021	N	Tetrahydrofuran	0.96	J	ug/m3	Y	0.35
KAFB-106120-025	SV120-025-212	4/12/2021	N	Hexane	2.4	J	ug/m3	Y	0.57
KAFB-106120-025	SV120-025-212	4/12/2021	N	Cyclohexane	1.8	J	ug/m3	Y	0.77
KAFB-106120-025	SV120-025-212	4/12/2021	N	Propylene (propene)	0.79	J	ug/m3	Y	0.67
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.67
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,4-Dioxane	< 0.88	U	ug/m3	N	0.32
KAFB-106120-025	SV120-025-212	4/12/2021	N	Dibromochloromethane	3.6		ug/m3	Y	0.36
KAFB-106120-025	SV120-025-212	4/12/2021	N	Tetrachloroethene	3.6		ug/m3	Y	0.36
KAFB-106120-025	SV120-025-212	4/12/2021	N	Xylenes, total	37		ug/m3	Y	0.72
KAFB-106120-025	SV120-025-212	4/12/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106120-025	SV120-025-212	4/12/2021	N	n-Heptane	5.4		ug/m3	Y	0.44
KAFB-106120-025	SV120-025-212	4/12/2021	N	m- & p-Xylenes	28		ug/m3	Y	0.72
KAFB-106120-025	SV120-025-212	4/12/2021	N	Carbon tetrachloride	3.3		ug/m3	Y	0.38
KAFB-106120-025	SV120-025-212	4/12/2021	N	2-Hexanone	2.6	J	ug/m3	Y	0.34
KAFB-106120-025	SV120-025-212	4/12/2021	N	Ethanol	7.4	J	ug/m3	Y	1.9
KAFB-106120-025	SV120-025-212	4/12/2021	N	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106120-025	SV120-025-212	4/12/2021	N	Acetone	18	J	ug/m3	Y	6.2
KAFB-106120-025	SV120-025-212	4/12/2021	N	Chloroform	460		ug/m3	Y	0.37
KAFB-106120-025	SV120-025-212	4/12/2021	N	Benzene	1.1	J	ug/m3	Y	0.4
KAFB-106120-025	SV120-025-212	4/12/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.44
KAFB-106120-025	SV120-025-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.34
KAFB-106120-025	SV120-025-212	4/12/2021	N	Vinyl chloride	< 0.88	U	ug/m3	N	0.29
KAFB-106120-025	SV120-025-212	4/12/2021	N	Methylene chloride	2.2	J	ug/m3	Y	0.77
KAFB-106120-025	SV120-025-212	4/12/2021	N	Carbon disulfide	40		ug/m3	Y	0.82
KAFB-106120-025	SV120-025-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.57
KAFB-106120-025	SV120-025-212	4/12/2021	N	Bromodichloromethane	120		ug/m3	Y	0.4
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106120-025	SV120-025-212	4/12/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.42
KAFB-106120-025	SV120-025-212	4/12/2021	N	Dichlorodifluoromethane	4.9		ug/m3	Y	0.45
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.6	J	ug/m3	Y	0.39
KAFB-106120-025	SV120-025-212	4/12/2021	N	2-Butanone	5.9		ug/m3	Y	0.57
KAFB-106120-025	SV120-025-212	4/12/2021	N	Trichloroethene	2.2	J	ug/m3	Y	0.37
KAFB-106120-025	SV120-025-212	4/12/2021	N	Naphthalene	5.9		ug/m3	Y	0.67
KAFB-106120-025	SV120-025-212	4/12/2021	N	o-Xylene	8.6		ug/m3	Y	0.4
KAFB-106120-025	SV120-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	44		ug/m3	Y	0.38
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Chloroform	430		ug/m3	Y	3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Ethylbenzene	7.2		ug/m3	Y	0.31
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Styrene	< 1.3	U	ug/m3	N	0.36
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,2-Dibromoethane	< 0.71	U	ug/m3	N	0.26
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,3-Butadiene	< 1.3	U	ug/m3	N	0.37
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,2-Dichloroethane	< 0.71	U	ug/m3	N	0.25
KAFB-106120-025	SV120-025-612	4/12/2021	FD	4-Methyl-2-pentanone	0.31	J	ug/m3	Y	0.3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,3,5-Trimethylbenzene	13		ug/m3	Y	0.32
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Toluene	30		ug/m3	Y	0.27
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Tetrahydrofuran	1.6	J	ug/m3	Y	0.28
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Hexane	2.2	J	ug/m3	Y	0.46
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Cyclohexane	2	J	ug/m3	Y	0.63
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Propylene (propene)	2.3		ug/m3	Y	0.54
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,2,4-Trichlorobenzene	< 1.3	U	ug/m3	N	0.54
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,4-Dioxane	< 0.71	U	ug/m3	N	0.26
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Dibromochloromethane	3.3		ug/m3	Y	0.29
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Tetrachloroethene	3.8		ug/m3	Y	0.29
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Xylenes, total	65		ug/m3	Y	0.58

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Ethyl acetate	25		ug/m3	Y	1.2
KAFB-106120-025	SV120-025-612	4/12/2021	FD	n-Heptane	6.8		ug/m3	Y	0.35
KAFB-106120-025	SV120-025-612	4/12/2021	FD	m- & p-Xylenes	49		ug/m3	Y	0.58
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Carbon tetrachloride	3.1		ug/m3	Y	0.31
KAFB-106120-025	SV120-025-612	4/12/2021	FD	2-Hexanone	< 0.71	U	ug/m3	N	0.28
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Ethanol	13	J	ug/m3	Y	1.5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Isopropyl alcohol	4.4		ug/m3	Y	0.92
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Acetone	27		ug/m3	Y	5
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Benzene	5.2		ug/m3	Y	0.32
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Chloromethane	0.44	J	ug/m3	Y	0.36
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Chloroethane	< 1.3	U	ug/m3	N	0.28
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Vinyl chloride	< 0.71	U	ug/m3	N	0.24
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Methylene chloride	2.8		ug/m3	Y	0.63
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Carbon disulfide	1.9	J	ug/m3	Y	0.67
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Bromoform	< 1.3	U	ug/m3	N	0.46
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Bromodichloromethane	110		ug/m3	Y	0.32
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.34
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Dichlorodifluoromethane	4.8		ug/m3	Y	0.36
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	0.58	J	ug/m3	Y	0.32
KAFB-106120-025	SV120-025-612	4/12/2021	FD	2-Butanone	7.1		ug/m3	Y	0.46
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Trichloroethene	2.2		ug/m3	Y	0.3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	Naphthalene	5.1		ug/m3	Y	0.54
KAFB-106120-025	SV120-025-612	4/12/2021	FD	o-Xylene	16		ug/m3	Y	0.32
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1,2,4-Trimethylbenzene	54		ug/m3	Y	0.31
KAFB-106120-050	SV120-050-212	4/12/2021	N	Chloroform	940		ug/m3	Y	3.3
KAFB-106120-050	SV120-050-212	4/12/2021	N	Ethylbenzene	1.9	J	ug/m3	Y	0.35
KAFB-106120-050	SV120-050-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.29
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106120-050	SV120-050-212	4/12/2021	N	4-Methyl-2-pentanone	0.36	J	ug/m3	Y	0.34
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	3.2		ug/m3	Y	0.35
KAFB-106120-050	SV120-050-212	4/12/2021	N	Toluene	5.2		ug/m3	Y	0.3
KAFB-106120-050	SV120-050-212	4/12/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.31
KAFB-106120-050	SV120-050-212	4/12/2021	N	Hexane	1	J	ug/m3	Y	0.51
KAFB-106120-050	SV120-050-212	4/12/2021	N	Cyclohexane	0.72	J	ug/m3	Y	0.69
KAFB-106120-050	SV120-050-212	4/12/2021	N	Propylene (propene)	1.5	J	ug/m3	Y	0.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106120-050	SV120-050-212	4/12/2021	N	Dibromochloromethane	95		ug/m3	Y	0.32
KAFB-106120-050	SV120-050-212	4/12/2021	N	Tetrachloroethene	9.4		ug/m3	Y	0.32
KAFB-106120-050	SV120-050-212	4/12/2021	N	Xylenes, total	14		ug/m3	Y	0.64
KAFB-106120-050	SV120-050-212	4/12/2021	N	Ethyl acetate	8.9		ug/m3	Y	1.3
KAFB-106120-050	SV120-050-212	4/12/2021	N	n-Heptane	1.5	J	ug/m3	Y	0.39
KAFB-106120-050	SV120-050-212	4/12/2021	N	m- & p-Xylenes	11		ug/m3	Y	0.64
KAFB-106120-050	SV120-050-212	4/12/2021	N	Carbon tetrachloride	20		ug/m3	Y	0.34
KAFB-106120-050	SV120-050-212	4/12/2021	N	2-Hexanone	1.3	J	ug/m3	Y	0.3
KAFB-106120-050	SV120-050-212	4/12/2021	N	Ethanol	11	J	ug/m3	Y	1.7
KAFB-106120-050	SV120-050-212	4/12/2021	N	Isopropyl alcohol	3.3	J	ug/m3	Y	1
KAFB-106120-050	SV120-050-212	4/12/2021	N	Acetone	28		ug/m3	Y	5.5
KAFB-106120-050	SV120-050-212	4/12/2021	N	Benzene	1.1	J	ug/m3	Y	0.35
KAFB-106120-050	SV120-050-212	4/12/2021	N	Chloromethane	0.65	J	ug/m3	Y	0.4
KAFB-106120-050	SV120-050-212	4/12/2021	N	Chloroethane	0.3	J	ug/m3	Y	0.3
KAFB-106120-050	SV120-050-212	4/12/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106120-050	SV120-050-212	4/12/2021	N	Methylene chloride	7.3		ug/m3	Y	0.69
KAFB-106120-050	SV120-050-212	4/12/2021	N	Carbon disulfide	3.7	J	ug/m3	Y	0.74
KAFB-106120-050	SV120-050-212	4/12/2021	N	Bromoform	1.1	J	ug/m3	Y	0.51
KAFB-106120-050	SV120-050-212	4/12/2021	N	Bromodichloromethane	460		ug/m3	Y	0.35
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106120-050	SV120-050-212	4/12/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.37
KAFB-106120-050	SV120-050-212	4/12/2021	N	Dichlorodifluoromethane	3.3		ug/m3	Y	0.4
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1	J	ug/m3	Y	0.35
KAFB-106120-050	SV120-050-212	4/12/2021	N	2-Butanone	19		ug/m3	Y	0.51
KAFB-106120-050	SV120-050-212	4/12/2021	N	Trichloroethene	7.7		ug/m3	Y	0.33
KAFB-106120-050	SV120-050-212	4/12/2021	N	Naphthalene	1.4	J	ug/m3	Y	0.6
KAFB-106120-050	SV120-050-212	4/12/2021	N	o-Xylene	3		ug/m3	Y	0.35
KAFB-106120-050	SV120-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	14		ug/m3	Y	0.34
KAFB-106120-150	SV120-150-212	4/12/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.42
KAFB-106120-150	SV120-150-212	4/12/2021	N	Styrene	< 1.8	U	ug/m3	N	0.48
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,2-Dibromoethane	< 0.96	U	ug/m3	N	0.35
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.5
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,2-Dichloroethane	< 0.96	U	ug/m3	N	0.33
KAFB-106120-150	SV120-150-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.96	U	ug/m3	N	0.41
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	4		ug/m3	Y	0.43
KAFB-106120-150	SV120-150-212	4/12/2021	N	Toluene	3		ug/m3	Y	0.37
KAFB-106120-150	SV120-150-212	4/12/2021	N	Tetrahydrofuran	2.4	J	ug/m3	Y	0.38
KAFB-106120-150	SV120-150-212	4/12/2021	N	Hexane	< 1.8	U	ug/m3	N	0.62
KAFB-106120-150	SV120-150-212	4/12/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.84
KAFB-106120-150	SV120-150-212	4/12/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.73
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.73
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,4-Dioxane	0.5	J	ug/m3	Y	0.35
KAFB-106120-150	SV120-150-212	4/12/2021	N	Dibromochloromethane	< 0.96	U	ug/m3	N	0.39
KAFB-106120-150	SV120-150-212	4/12/2021	N	Tetrachloroethene	2.6	J	ug/m3	Y	0.39
KAFB-106120-150	SV120-150-212	4/12/2021	N	Xylenes, total	12		ug/m3	Y	0.79
KAFB-106120-150	SV120-150-212	4/12/2021	N	Ethyl acetate	< 3.7	U	ug/m3	N	1.6
KAFB-106120-150	SV120-150-212	4/12/2021	N	n-Heptane	0.7	J	ug/m3	Y	0.48
KAFB-106120-150	SV120-150-212	4/12/2021	N	m- & p-Xylenes	9.5		ug/m3	Y	0.79
KAFB-106120-150	SV120-150-212	4/12/2021	N	Carbon tetrachloride	16		ug/m3	Y	0.42
KAFB-106120-150	SV120-150-212	4/12/2021	N	2-Hexanone	0.51	J	ug/m3	Y	0.37
KAFB-106120-150	SV120-150-212	4/12/2021	N	Ethanol	5.9	J	ug/m3	Y	2.1
KAFB-106120-150	SV120-150-212	4/12/2021	N	Isopropyl alcohol	7.4		ug/m3	Y	1.2
KAFB-106120-150	SV120-150-212	4/12/2021	N	Acetone	19	J	ug/m3	Y	6.8
KAFB-106120-150	SV120-150-212	4/12/2021	N	Chloroform	32		ug/m3	Y	0.4
KAFB-106120-150	SV120-150-212	4/12/2021	N	Benzene	0.84	J	ug/m3	Y	0.43
KAFB-106120-150	SV120-150-212	4/12/2021	N	Chloromethane	0.53	J	ug/m3	Y	0.48
KAFB-106120-150	SV120-150-212	4/12/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37
KAFB-106120-150	SV120-150-212	4/12/2021	N	Vinyl chloride	< 0.96	U	ug/m3	N	0.32
KAFB-106120-150	SV120-150-212	4/12/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.84
KAFB-106120-150	SV120-150-212	4/12/2021	N	Carbon disulfide	2	J	ug/m3	Y	0.9
KAFB-106120-150	SV120-150-212	4/12/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.62
KAFB-106120-150	SV120-150-212	4/12/2021	N	Bromodichloromethane	4.3		ug/m3	Y	0.43
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.44
KAFB-106120-150	SV120-150-212	4/12/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.46
KAFB-106120-150	SV120-150-212	4/12/2021	N	Dichlorodifluoromethane	14		ug/m3	Y	0.49
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.96	J	ug/m3	Y	0.43
KAFB-106120-150	SV120-150-212	4/12/2021	N	2-Butanone	1.6	J	ug/m3	Y	0.62
KAFB-106120-150	SV120-150-212	4/12/2021	N	Trichloroethene	4		ug/m3	Y	0.41
KAFB-106120-150	SV120-150-212	4/12/2021	N	Naphthalene	2.4	J	ug/m3	Y	0.73
KAFB-106120-150	SV120-150-212	4/12/2021	N	o-Xylene	3	J	ug/m3	Y	0.43

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106120-150	SV120-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	18		ug/m3	Y	0.42
KAFB-106120-250	SV120-250-212	4/12/2021	N	Ethylbenzene	1.9	J	ug/m3	Y	0.32
KAFB-106120-250	SV120-250-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.36
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.72	U	ug/m3	N	0.26
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.37
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.72	U	ug/m3	N	0.25
KAFB-106120-250	SV120-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.72	U	ug/m3	N	0.31
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.6		ug/m3	Y	0.33
KAFB-106120-250	SV120-250-212	4/12/2021	N	Toluene	6.5		ug/m3	Y	0.27
KAFB-106120-250	SV120-250-212	4/12/2021	N	Tetrahydrofuran	3.1	J	ug/m3	Y	0.28
KAFB-106120-250	SV120-250-212	4/12/2021	N	Hexane	0.67	J	ug/m3	Y	0.46
KAFB-106120-250	SV120-250-212	4/12/2021	N	Cyclohexane	< 1.4	U	ug/m3	N	0.63
KAFB-106120-250	SV120-250-212	4/12/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.55
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.55
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,4-Dioxane	0.32	J	ug/m3	Y	0.27
KAFB-106120-250	SV120-250-212	4/12/2021	N	Dibromochloromethane	< 0.72	U	ug/m3	N	0.3
KAFB-106120-250	SV120-250-212	4/12/2021	N	Tetrachloroethene	0.37	J	ug/m3	Y	0.29
KAFB-106120-250	SV120-250-212	4/12/2021	N	Xylenes, total	12		ug/m3	Y	0.59
KAFB-106120-250	SV120-250-212	4/12/2021	N	Ethyl acetate	20		ug/m3	Y	1.2
KAFB-106120-250	SV120-250-212	4/12/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.36
KAFB-106120-250	SV120-250-212	4/12/2021	N	m- & p-Xylenes	9.1		ug/m3	Y	0.59
KAFB-106120-250	SV120-250-212	4/12/2021	N	Carbon tetrachloride	4.7		ug/m3	Y	0.31
KAFB-106120-250	SV120-250-212	4/12/2021	N	2-Hexanone	0.36	J	ug/m3	Y	0.28
KAFB-106120-250	SV120-250-212	4/12/2021	N	Ethanol	26		ug/m3	Y	1.6
KAFB-106120-250	SV120-250-212	4/12/2021	N	Isopropyl alcohol	4.9		ug/m3	Y	0.93
KAFB-106120-250	SV120-250-212	4/12/2021	N	Acetone	16	J	ug/m3	Y	5.1
KAFB-106120-250	SV120-250-212	4/12/2021	N	Chloroform	1.9	J	ug/m3	Y	0.3
KAFB-106120-250	SV120-250-212	4/12/2021	N	Benzene	0.55	J	ug/m3	Y	0.33
KAFB-106120-250	SV120-250-212	4/12/2021	N	Chloromethane	0.38	J	ug/m3	Y	0.36
KAFB-106120-250	SV120-250-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106120-250	SV120-250-212	4/12/2021	N	Vinyl chloride	< 0.72	U	ug/m3	N	0.24
KAFB-106120-250	SV120-250-212	4/12/2021	N	Methylene chloride	14		ug/m3	Y	0.63
KAFB-106120-250	SV120-250-212	4/12/2021	N	Carbon disulfide	10		ug/m3	Y	0.68
KAFB-106120-250	SV120-250-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.46
KAFB-106120-250	SV120-250-212	4/12/2021	N	Bromodichloromethane	< 0.72	U	ug/m3	N	0.33
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106120-250	SV120-250-212	4/12/2021	N	Trichlorofluoromethane	2	J	ug/m3	Y	0.34
KAFB-106120-250	SV120-250-212	4/12/2021	N	Dichlorodifluoromethane	23		ug/m3	Y	0.37
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	J	ug/m3	Y	0.32
KAFB-106120-250	SV120-250-212	4/12/2021	N	2-Butanone	7.2		ug/m3	Y	0.46
KAFB-106120-250	SV120-250-212	4/12/2021	N	Trichloroethene	< 0.72	U	ug/m3	N	0.3
KAFB-106120-250	SV120-250-212	4/12/2021	N	Naphthalene	3.2		ug/m3	Y	0.55
KAFB-106120-250	SV120-250-212	4/12/2021	N	o-Xylene	3.1		ug/m3	Y	0.33
KAFB-106120-250	SV120-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	13		ug/m3	Y	0.31
KAFB-106120-350	SV120-350-212	4/12/2021	N	Ethylbenzene	3.4	J	ug/m3	Y	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	Styrene	< 4.3	U	ug/m3	N	1.2
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,2-Dibromoethane	< 2.3	U	ug/m3	N	0.84
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,3-Butadiene	< 4.3	U	ug/m3	N	1.2
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,2-Dichloroethane	< 2.3	U	ug/m3	N	0.8
KAFB-106120-350	SV120-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 2.3	U	ug/m3	N	0.99
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	5.8	J	ug/m3	Y	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	Toluene	< 2.3	U	ug/m3	N	0.88
KAFB-106120-350	SV120-350-212	4/12/2021	N	Tetrahydrofuran	< 2.3	U	ug/m3	N	0.9
KAFB-106120-350	SV120-350-212	4/12/2021	N	Hexane	22		ug/m3	Y	1.5
KAFB-106120-350	SV120-350-212	4/12/2021	N	Cyclohexane	62		ug/m3	Y	2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106120-350	SV120-350-212	4/12/2021	N	Propylene (propene)	11		ug/m3	Y	1.8
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 4.3	U	ug/m3	N	1.8
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,4-Dioxane	< 2.3	U	ug/m3	N	0.85
KAFB-106120-350	SV120-350-212	4/12/2021	N	Dibromochloromethane	< 2.3	U	ug/m3	N	0.95
KAFB-106120-350	SV120-350-212	4/12/2021	N	Tetrachloroethene	1.3	J	ug/m3	Y	0.93
KAFB-106120-350	SV120-350-212	4/12/2021	N	Xylenes, total	26		ug/m3	Y	1.9
KAFB-106120-350	SV120-350-212	4/12/2021	N	Ethyl acetate	< 8.8	U	ug/m3	N	3.8
KAFB-106120-350	SV120-350-212	4/12/2021	N	n-Heptane	2	J	ug/m3	Y	1.1
KAFB-106120-350	SV120-350-212	4/12/2021	N	m- & p-Xylenes	19		ug/m3	Y	1.9
KAFB-106120-350	SV120-350-212	4/12/2021	N	Carbon tetrachloride	< 2.3	U	ug/m3	N	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	2-Hexanone	< 2.3	U	ug/m3	N	0.89
KAFB-106120-350	SV120-350-212	4/12/2021	N	Ethanol	5.1	J	ug/m3	Y	5
KAFB-106120-350	SV120-350-212	4/12/2021	N	Isopropyl alcohol	< 8.5	U	ug/m3	N	3
KAFB-106120-350	SV120-350-212	4/12/2021	N	Acetone	< 36	U	ug/m3	N	16
KAFB-106120-350	SV120-350-212	4/12/2021	N	Chloroform	24		ug/m3	Y	0.96
KAFB-106120-350	SV120-350-212	4/12/2021	N	Benzene	96		ug/m3	Y	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	Chloromethane	< 4.3	U	ug/m3	N	1.2
KAFB-106120-350	SV120-350-212	4/12/2021	N	Chloroethane	< 4.3	U	ug/m3	N	0.89
KAFB-106120-350	SV120-350-212	4/12/2021	N	Vinyl chloride	< 2.3	U	ug/m3	N	0.77
KAFB-106120-350	SV120-350-212	4/12/2021	N	Methylene chloride	< 4.3	U	ug/m3	N	2
KAFB-106120-350	SV120-350-212	4/12/2021	N	Carbon disulfide	< 7.3	U	ug/m3	N	2.2
KAFB-106120-350	SV120-350-212	4/12/2021	N	Bromoform	< 4.3	U	ug/m3	N	1.5
KAFB-106120-350	SV120-350-212	4/12/2021	N	Bromodichloromethane	< 2.3	U	ug/m3	N	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,1-Dichloroethane	< 4.5	U	ug/m3	N	1.1
KAFB-106120-350	SV120-350-212	4/12/2021	N	Trichlorofluoromethane	21		ug/m3	Y	1.1
KAFB-106120-350	SV120-350-212	4/12/2021	N	Dichlorodifluoromethane	190		ug/m3	Y	1.2
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	J	ug/m3	Y	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	2-Butanone	6.3	J	ug/m3	Y	1.5
KAFB-106120-350	SV120-350-212	4/12/2021	N	Trichloroethene	< 2.3	U	ug/m3	N	0.97
KAFB-106120-350	SV120-350-212	4/12/2021	N	Naphthalene	4.1	J	ug/m3	Y	1.8
KAFB-106120-350	SV120-350-212	4/12/2021	N	o-Xylene	7.3		ug/m3	Y	1
KAFB-106120-350	SV120-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	23		ug/m3	Y	1
KAFB-106120-450	SV120-450-212	4/12/2021	N	Ethylbenzene	< 25	U	ug/m3	N	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	Styrene	< 47	U	ug/m3	N	13
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,2-Dibromoethane	< 25	U	ug/m3	N	9.1
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,3-Butadiene	< 47	U	ug/m3	N	13
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,2-Dichloroethane	< 25	U	ug/m3	N	8.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	4-Methyl-2-pentanone	< 25	U	ug/m3	N	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	13	J	ug/m3	Y	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	Toluene	< 25	U	ug/m3	N	9.5
KAFB-106120-450	SV120-450-212	4/12/2021	N	Tetrahydrofuran	21	J	ug/m3	Y	9.8
KAFB-106120-450	SV120-450-212	4/12/2021	N	Hexane	46	J	ug/m3	Y	16
KAFB-106120-450	SV120-450-212	4/12/2021	N	Cyclohexane	56	J	ug/m3	Y	22
KAFB-106120-450	SV120-450-212	4/12/2021	N	Propylene (propene)	< 47	U	ug/m3	N	19
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 47	U	ug/m3	N	19
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,4-Dioxane	< 25	U	ug/m3	N	9.2
KAFB-106120-450	SV120-450-212	4/12/2021	N	Dibromochloromethane	< 25	U	ug/m3	N	10
KAFB-106120-450	SV120-450-212	4/12/2021	N	Tetrachloroethene	31	J	ug/m3	Y	10
KAFB-106120-450	SV120-450-212	4/12/2021	N	Xylenes, total	34	J	ug/m3	Y	21
KAFB-106120-450	SV120-450-212	4/12/2021	N	Ethyl acetate	< 95	U	ug/m3	N	41
KAFB-106120-450	SV120-450-212	4/12/2021	N	n-Heptane	< 47	U	ug/m3	N	12
KAFB-106120-450	SV120-450-212	4/12/2021	N	m- & p-Xylenes	21	J	ug/m3	Y	21
KAFB-106120-450	SV120-450-212	4/12/2021	N	Carbon tetrachloride	< 25	U	ug/m3	N	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	2-Hexanone	< 25	U	ug/m3	N	9.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	Ethanol	< 120	U	ug/m3	N	54

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106120-450	SV120-450-212	4/12/2021	N	Isopropyl alcohol	< 92	U	ug/m3	N	32
KAFB-106120-450	SV120-450-212	4/12/2021	N	Acetone	< 400	U	ug/m3	N	180
KAFB-106120-450	SV120-450-212	4/12/2021	N	Chloroform	< 25	U	ug/m3	N	10
KAFB-106120-450	SV120-450-212	4/12/2021	N	Benzene	85		ug/m3	Y	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	Chloromethane	25	J	ug/m3	Y	13
KAFB-106120-450	SV120-450-212	4/12/2021	N	Chloroethane	< 47	U	ug/m3	N	9.7
KAFB-106120-450	SV120-450-212	4/12/2021	N	Vinyl chloride	< 25	U	ug/m3	N	8.4
KAFB-106120-450	SV120-450-212	4/12/2021	N	Methylene chloride	< 47	U	ug/m3	N	22
KAFB-106120-450	SV120-450-212	4/12/2021	N	Carbon disulfide	190		ug/m3	Y	23
KAFB-106120-450	SV120-450-212	4/12/2021	N	Bromoform	< 47	U	ug/m3	N	16
KAFB-106120-450	SV120-450-212	4/12/2021	N	Bromodichloromethane	< 25	U	ug/m3	N	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,1-Dichloroethane	< 48	U	ug/m3	N	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	Trichlorofluoromethane	22	J	ug/m3	Y	12
KAFB-106120-450	SV120-450-212	4/12/2021	N	Dichlorodifluoromethane	200		ug/m3	Y	13
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	29	J	ug/m3	Y	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	2-Butanone	< 47	U	ug/m3	N	16
KAFB-106120-450	SV120-450-212	4/12/2021	N	Trichloroethene	< 25	U	ug/m3	N	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	Naphthalene	< 45	U	ug/m3	N	19
KAFB-106120-450	SV120-450-212	4/12/2021	N	o-Xylene	13	J	ug/m3	Y	11
KAFB-106120-450	SV120-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	< 25	U	ug/m3	N	11
KAFB-106121-025	SV121-025-212	4/12/2021	N	Ethylbenzene	2.8	J	ug/m3	Y	0.48
KAFB-106121-025	SV121-025-212	4/12/2021	N	Styrene	< 2	U	ug/m3	N	0.55
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,2-Dibromoethane	< 1.1	U	ug/m3	N	0.39
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,3-Butadiene	< 2	U	ug/m3	N	0.56
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,2-Dichloroethane	< 1.1	U	ug/m3	N	0.37
KAFB-106121-025	SV121-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 1.1	U	ug/m3	N	0.46
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	14		ug/m3	Y	0.49
KAFB-106121-025	SV121-025-212	4/12/2021	N	Toluene	3.9		ug/m3	Y	0.41
KAFB-106121-025	SV121-025-212	4/12/2021	N	Tetrahydrofuran	< 1.1	U	ug/m3	N	0.43
KAFB-106121-025	SV121-025-212	4/12/2021	N	Hexane	< 2	U	ug/m3	N	0.7
KAFB-106121-025	SV121-025-212	4/12/2021	N	Cyclohexane	< 2.2	U	ug/m3	N	0.95
KAFB-106121-025	SV121-025-212	4/12/2021	N	Propylene (propene)	1.6	J	ug/m3	Y	0.83
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 2	U	ug/m3	N	0.83
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,4-Dioxane	< 1.1	U	ug/m3	N	0.4
KAFB-106121-025	SV121-025-212	4/12/2021	N	Dibromochloromethane	2.4	J	ug/m3	Y	0.44
KAFB-106121-025	SV121-025-212	4/12/2021	N	Tetrachloroethene	5.3		ug/m3	Y	0.44
KAFB-106121-025	SV121-025-212	4/12/2021	N	Xylenes, total	25		ug/m3	Y	0.89
KAFB-106121-025	SV121-025-212	4/12/2021	N	Ethyl acetate	10		ug/m3	Y	1.8
KAFB-106121-025	SV121-025-212	4/12/2021	N	n-Heptane	0.97	J	ug/m3	Y	0.54
KAFB-106121-025	SV121-025-212	4/12/2021	N	m- & p-Xylenes	18		ug/m3	Y	0.89
KAFB-106121-025	SV121-025-212	4/12/2021	N	Carbon tetrachloride	13		ug/m3	Y	0.47
KAFB-106121-025	SV121-025-212	4/12/2021	N	2-Hexanone	1.6	J	ug/m3	Y	0.42
KAFB-106121-025	SV121-025-212	4/12/2021	N	Ethanol	10	J	ug/m3	Y	2.3
KAFB-106121-025	SV121-025-212	4/12/2021	N	Isopropyl alcohol	3.1	J	ug/m3	Y	1.4
KAFB-106121-025	SV121-025-212	4/12/2021	N	Acetone	29	J	ug/m3	Y	7.6
KAFB-106121-025	SV121-025-212	4/12/2021	N	Chloroform	610		ug/m3	Y	0.45
KAFB-106121-025	SV121-025-212	4/12/2021	N	Benzene	0.81	J	ug/m3	Y	0.49
KAFB-106121-025	SV121-025-212	4/12/2021	N	Chloromethane	< 2	U	ug/m3	N	0.55
KAFB-106121-025	SV121-025-212	4/12/2021	N	Chloroethane	< 2	U	ug/m3	N	0.42
KAFB-106121-025	SV121-025-212	4/12/2021	N	Vinyl chloride	< 1.1	U	ug/m3	N	0.36
KAFB-106121-025	SV121-025-212	4/12/2021	N	Methylene chloride	< 2	U	ug/m3	N	0.95
KAFB-106121-025	SV121-025-212	4/12/2021	N	Carbon disulfide	< 3.4	U	ug/m3	N	1
KAFB-106121-025	SV121-025-212	4/12/2021	N	Bromoform	< 2	U	ug/m3	N	0.7
KAFB-106121-025	SV121-025-212	4/12/2021	N	Bromodichloromethane	53		ug/m3	Y	0.49
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,1-Dichloroethane	< 2.1	U	ug/m3	N	0.5

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106121-025	SV121-025-212	4/12/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.51
KAFB-106121-025	SV121-025-212	4/12/2021	N	Dichlorodifluoromethane	4.4		ug/m3	Y	0.55
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.74	J	ug/m3	Y	0.48
KAFB-106121-025	SV121-025-212	4/12/2021	N	2-Butanone	5.7	J	ug/m3	Y	0.7
KAFB-106121-025	SV121-025-212	4/12/2021	N	Trichloroethene	2.2	J	ug/m3	Y	0.46
KAFB-106121-025	SV121-025-212	4/12/2021	N	Naphthalene	1.9	J	ug/m3	Y	0.83
KAFB-106121-025	SV121-025-212	4/12/2021	N	o-Xylene	7.3		ug/m3	Y	0.49
KAFB-106121-025	SV121-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	56		ug/m3	Y	0.47
KAFB-106121-050	SV121-050-212	4/12/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.49
KAFB-106121-050	SV121-050-212	4/12/2021	N	Styrene	< 2.1	U	ug/m3	N	0.56
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,2-Dibromoethane	< 1.1	U	ug/m3	N	0.4
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,3-Butadiene	< 2.1	U	ug/m3	N	0.57
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,2-Dichloroethane	< 1.1	U	ug/m3	N	0.38
KAFB-106121-050	SV121-050-212	4/12/2021	N	4-Methyl-2-pentanone	< 1.1	U	ug/m3	N	0.48
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.9	J	ug/m3	Y	0.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	Toluene	2.5	J	ug/m3	Y	0.42
KAFB-106121-050	SV121-050-212	4/12/2021	N	Tetrahydrofuran	1.4	J	ug/m3	Y	0.44
KAFB-106121-050	SV121-050-212	4/12/2021	N	Hexane	< 2.1	U	ug/m3	N	0.72
KAFB-106121-050	SV121-050-212	4/12/2021	N	Cyclohexane	< 2.2	U	ug/m3	N	0.98
KAFB-106121-050	SV121-050-212	4/12/2021	N	Propylene (propene)	0.98	J	ug/m3	Y	0.85
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 2.1	U	ug/m3	N	0.85
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,4-Dioxane	< 1.1	U	ug/m3	N	0.41
KAFB-106121-050	SV121-050-212	4/12/2021	N	Dibromochloromethane	3.3	J	ug/m3	Y	0.46
KAFB-106121-050	SV121-050-212	4/12/2021	N	Tetrachloroethene	7.4		ug/m3	Y	0.45
KAFB-106121-050	SV121-050-212	4/12/2021	N	Xylenes, total	8.8		ug/m3	Y	0.91
KAFB-106121-050	SV121-050-212	4/12/2021	N	Ethyl acetate	< 4.2	U	ug/m3	N	1.8
KAFB-106121-050	SV121-050-212	4/12/2021	N	n-Heptane	< 2.1	U	ug/m3	N	0.55
KAFB-106121-050	SV121-050-212	4/12/2021	N	m- & p-Xylenes	6.5		ug/m3	Y	0.91
KAFB-106121-050	SV121-050-212	4/12/2021	N	Carbon tetrachloride	17		ug/m3	Y	0.48
KAFB-106121-050	SV121-050-212	4/12/2021	N	2-Hexanone	1.4	J	ug/m3	Y	0.43
KAFB-106121-050	SV121-050-212	4/12/2021	N	Ethanol	4.9	J	ug/m3	Y	2.4
KAFB-106121-050	SV121-050-212	4/12/2021	N	Isopropyl alcohol	< 4.1	U	ug/m3	N	1.4
KAFB-106121-050	SV121-050-212	4/12/2021	N	Acetone	20	J	ug/m3	Y	7.8
KAFB-106121-050	SV121-050-212	4/12/2021	N	Chloroform	660		ug/m3	Y	0.46
KAFB-106121-050	SV121-050-212	4/12/2021	N	Benzene	< 1.1	U	ug/m3	N	0.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	Chloromethane	< 2.1	U	ug/m3	N	0.56
KAFB-106121-050	SV121-050-212	4/12/2021	N	Chloroethane	< 2.1	U	ug/m3	N	0.43
KAFB-106121-050	SV121-050-212	4/12/2021	N	Vinyl chloride	< 1.1	U	ug/m3	N	0.37
KAFB-106121-050	SV121-050-212	4/12/2021	N	Methylene chloride	< 2.1	U	ug/m3	N	0.98
KAFB-106121-050	SV121-050-212	4/12/2021	N	Carbon disulfide	5.3	J	ug/m3	Y	1
KAFB-106121-050	SV121-050-212	4/12/2021	N	Bromoform	< 2.1	U	ug/m3	N	0.72
KAFB-106121-050	SV121-050-212	4/12/2021	N	Bromodichloromethane	59		ug/m3	Y	0.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,1-Dichloroethane	< 2.2	U	ug/m3	N	0.51
KAFB-106121-050	SV121-050-212	4/12/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.53
KAFB-106121-050	SV121-050-212	4/12/2021	N	Dichlorodifluoromethane	4.8		ug/m3	Y	0.57
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.71	J	ug/m3	Y	0.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	2-Butanone	5.1	J	ug/m3	Y	0.72
KAFB-106121-050	SV121-050-212	4/12/2021	N	Trichloroethene	2.4	J	ug/m3	Y	0.47
KAFB-106121-050	SV121-050-212	4/12/2021	N	Naphthalene	< 2	U	ug/m3	N	0.85
KAFB-106121-050	SV121-050-212	4/12/2021	N	o-Xylene	2.3	J	ug/m3	Y	0.5
KAFB-106121-050	SV121-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.48
KAFB-106121-145	SV121-145-212	4/12/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.32
KAFB-106121-145	SV121-145-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.36
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,2-Dibromoethane	< 0.72	U	ug/m3	N	0.26
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,2-Dichloroethane	< 0.72	U	ug/m3	N	0.25
KAFB-106121-145	SV121-145-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.72	U	ug/m3	N	0.31
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.1	J	ug/m3	Y	0.33
KAFB-106121-145	SV121-145-212	4/12/2021	N	Toluene	4.4		ug/m3	Y	0.27
KAFB-106121-145	SV121-145-212	4/12/2021	N	Tetrahydrofuran	9.4		ug/m3	Y	0.28
KAFB-106121-145	SV121-145-212	4/12/2021	N	Hexane	0.9	J	ug/m3	Y	0.46
KAFB-106121-145	SV121-145-212	4/12/2021	N	Cyclohexane	< 1.4	U	ug/m3	N	0.63
KAFB-106121-145	SV121-145-212	4/12/2021	N	Propylene (propene)	0.76	J	ug/m3	Y	0.55
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.55
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,4-Dioxane	< 0.72	U	ug/m3	N	0.27
KAFB-106121-145	SV121-145-212	4/12/2021	N	Dibromochloromethane	< 0.72	U	ug/m3	N	0.3
KAFB-106121-145	SV121-145-212	4/12/2021	N	Tetrachloroethene	2	J	ug/m3	Y	0.29
KAFB-106121-145	SV121-145-212	4/12/2021	N	Xylenes, total	8.9		ug/m3	Y	0.59
KAFB-106121-145	SV121-145-212	4/12/2021	N	Ethyl acetate	7		ug/m3	Y	1.2
KAFB-106121-145	SV121-145-212	4/12/2021	N	n-Heptane	0.85	J	ug/m3	Y	0.36
KAFB-106121-145	SV121-145-212	4/12/2021	N	m- & p-Xylenes	6.9		ug/m3	Y	0.59
KAFB-106121-145	SV121-145-212	4/12/2021	N	Carbon tetrachloride	13		ug/m3	Y	0.31
KAFB-106121-145	SV121-145-212	4/12/2021	N	2-Hexanone	0.38	J	ug/m3	Y	0.28
KAFB-106121-145	SV121-145-212	4/12/2021	N	Ethanol	19	J	ug/m3	Y	1.6
KAFB-106121-145	SV121-145-212	4/12/2021	N	Isopropyl alcohol	2.1	J	ug/m3	Y	0.93
KAFB-106121-145	SV121-145-212	4/12/2021	N	Acetone	9.1	J	ug/m3	Y	5.1
KAFB-106121-145	SV121-145-212	4/12/2021	N	Chloroform	34		ug/m3	Y	0.3
KAFB-106121-145	SV121-145-212	4/12/2021	N	Benzene	0.55	J	ug/m3	Y	0.33
KAFB-106121-145	SV121-145-212	4/12/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.36
KAFB-106121-145	SV121-145-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106121-145	SV121-145-212	4/12/2021	N	Vinyl chloride	< 0.72	U	ug/m3	N	0.24
KAFB-106121-145	SV121-145-212	4/12/2021	N	Methylene chloride	4.6		ug/m3	Y	0.63
KAFB-106121-145	SV121-145-212	4/12/2021	N	Carbon disulfide	4	J	ug/m3	Y	0.68
KAFB-106121-145	SV121-145-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.46
KAFB-106121-145	SV121-145-212	4/12/2021	N	Bromodichloromethane	3.2		ug/m3	Y	0.33
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106121-145	SV121-145-212	4/12/2021	N	Trichlorofluoromethane	2.1	J	ug/m3	Y	0.34
KAFB-106121-145	SV121-145-212	4/12/2021	N	Dichlorodifluoromethane	23		ug/m3	Y	0.37
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	J	ug/m3	Y	0.32
KAFB-106121-145	SV121-145-212	4/12/2021	N	2-Butanone	3.6	J	ug/m3	Y	0.46
KAFB-106121-145	SV121-145-212	4/12/2021	N	Trichloroethene	< 0.72	U	ug/m3	N	0.3
KAFB-106121-145	SV121-145-212	4/12/2021	N	Naphthalene	3		ug/m3	Y	0.55
KAFB-106121-145	SV121-145-212	4/12/2021	N	o-Xylene	2	J	ug/m3	Y	0.33
KAFB-106121-145	SV121-145-212	4/12/2021	N	1,2,4-Trimethylbenzene	9.9		ug/m3	Y	0.31
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Ethylbenzene	4.4		ug/m3	Y	0.38
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,2-Dibromoethane	< 0.87	U	ug/m3	N	0.32
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,2-Dichloroethane	< 0.87	U	ug/m3	N	0.3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	4-Methyl-2-pentanone	< 0.87	U	ug/m3	N	0.37
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,3,5-Trimethylbenzene	7.5		ug/m3	Y	0.39
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Toluene	6.9		ug/m3	Y	0.33
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Tetrahydrofuran	11		ug/m3	Y	0.34
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Cyclohexane	< 1.7	U	ug/m3	N	0.77
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Propylene (propene)	< 1.6	U	ug/m3	N	0.66
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,4-Dioxane	< 0.87	U	ug/m3	N	0.32
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Dibromochloromethane	< 0.87	U	ug/m3	N	0.36
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Tetrachloroethene	3.1		ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Xylenes, total	32		ug/m3	Y	0.71
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	n-Heptane	2	J	ug/m3	Y	0.43
KAFB-106121-145	SV121-145-612	4/12/2021	FD	m- & p-Xylenes	25		ug/m3	Y	0.71
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Carbon tetrachloride	14		ug/m3	Y	0.38
KAFB-106121-145	SV121-145-612	4/12/2021	FD	2-Hexanone	< 0.87	U	ug/m3	N	0.34
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Ethanol	2.1	J	ug/m3	Y	1.9
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Acetone	9.2	J	ug/m3	Y	6.1
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Chloroform	37		ug/m3	Y	0.36
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Benzene	0.63	J	ug/m3	Y	0.39
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Chloromethane	< 1.6	U	ug/m3	N	0.44
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Chloroethane	< 1.6	U	ug/m3	N	0.34
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Vinyl chloride	< 0.87	U	ug/m3	N	0.29
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Methylene chloride	< 1.6	U	ug/m3	N	0.77
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Carbon disulfide	2.9	J	ug/m3	Y	0.82
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Bromodichloromethane	3.5		ug/m3	Y	0.39
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Trichlorofluoromethane	2.2	J	ug/m3	Y	0.41
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Dichlorodifluoromethane	25		ug/m3	Y	0.44
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	J	ug/m3	Y	0.39
KAFB-106121-145	SV121-145-612	4/12/2021	FD	2-Butanone	2.5	J	ug/m3	Y	0.56
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Trichloroethene	< 0.87	U	ug/m3	N	0.37
KAFB-106121-145	SV121-145-612	4/12/2021	FD	Naphthalene	6.1		ug/m3	Y	0.66
KAFB-106121-145	SV121-145-612	4/12/2021	FD	o-Xylene	6.7		ug/m3	Y	0.39
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1,2,4-Trimethylbenzene	35		ug/m3	Y	0.38
KAFB-106121-250	SV121-250-212	4/12/2021	N	Ethylbenzene	2.9		ug/m3	Y	0.36
KAFB-106121-250	SV121-250-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.29
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106121-250	SV121-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.81	U	ug/m3	N	0.35
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	5		ug/m3	Y	0.37
KAFB-106121-250	SV121-250-212	4/12/2021	N	Toluene	5.1		ug/m3	Y	0.31
KAFB-106121-250	SV121-250-212	4/12/2021	N	Tetrahydrofuran	2.6	J	ug/m3	Y	0.32
KAFB-106121-250	SV121-250-212	4/12/2021	N	Hexane	0.62	J	ug/m3	Y	0.52
KAFB-106121-250	SV121-250-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.71
KAFB-106121-250	SV121-250-212	4/12/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.62
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106121-250	SV121-250-212	4/12/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106121-250	SV121-250-212	4/12/2021	N	Tetrachloroethene	0.35	J	ug/m3	Y	0.33
KAFB-106121-250	SV121-250-212	4/12/2021	N	Xylenes, total	21		ug/m3	Y	0.67
KAFB-106121-250	SV121-250-212	4/12/2021	N	Ethyl acetate	8.2		ug/m3	Y	1.3
KAFB-106121-250	SV121-250-212	4/12/2021	N	n-Heptane	1.7	J	ug/m3	Y	0.4
KAFB-106121-250	SV121-250-212	4/12/2021	N	m- & p-Xylenes	17		ug/m3	Y	0.67
KAFB-106121-250	SV121-250-212	4/12/2021	N	Carbon tetrachloride	3.2		ug/m3	Y	0.35
KAFB-106121-250	SV121-250-212	4/12/2021	N	2-Hexanone	< 0.81	U	ug/m3	N	0.31
KAFB-106121-250	SV121-250-212	4/12/2021	N	Ethanol	3	J	ug/m3	Y	1.8
KAFB-106121-250	SV121-250-212	4/12/2021	N	Isopropyl alcohol	< 3	U	ug/m3	N	1
KAFB-106121-250	SV121-250-212	4/12/2021	N	Acetone	< 13	U	ug/m3	N	5.7
KAFB-106121-250	SV121-250-212	4/12/2021	N	Chloroform	1.9	J	ug/m3	Y	0.34
KAFB-106121-250	SV121-250-212	4/12/2021	N	Benzene	0.62	J	ug/m3	Y	0.37
KAFB-106121-250	SV121-250-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106121-250	SV121-250-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106121-250	SV121-250-212	4/12/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106121-250	SV121-250-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.71
KAFB-106121-250	SV121-250-212	4/12/2021	N	Carbon disulfide	4.7	J	ug/m3	Y	0.76
KAFB-106121-250	SV121-250-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106121-250	SV121-250-212	4/12/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106121-250	SV121-250-212	4/12/2021	N	Trichlorofluoromethane	4.7		ug/m3	Y	0.38
KAFB-106121-250	SV121-250-212	4/12/2021	N	Dichlorodifluoromethane	57		ug/m3	Y	0.41
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5		ug/m3	Y	0.36
KAFB-106121-250	SV121-250-212	4/12/2021	N	2-Butanone	0.87	J	ug/m3	Y	0.52
KAFB-106121-250	SV121-250-212	4/12/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106121-250	SV121-250-212	4/12/2021	N	Naphthalene	4.3		ug/m3	Y	0.62
KAFB-106121-250	SV121-250-212	4/12/2021	N	o-Xylene	4.5		ug/m3	Y	0.37
KAFB-106121-250	SV121-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	22		ug/m3	Y	0.35
KAFB-106121-350	SV121-350-212	4/12/2021	N	Ethylbenzene	1	J	ug/m3	Y	0.34
KAFB-106121-350	SV121-350-212	4/12/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.76	U	ug/m3	N	0.28
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.76	U	ug/m3	N	0.26
KAFB-106121-350	SV121-350-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.76	U	ug/m3	N	0.33
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	1.5	J	ug/m3	Y	0.34
KAFB-106121-350	SV121-350-212	4/12/2021	N	Toluene	2	J	ug/m3	Y	0.29
KAFB-106121-350	SV121-350-212	4/12/2021	N	Tetrahydrofuran	1.2	J	ug/m3	Y	0.3
KAFB-106121-350	SV121-350-212	4/12/2021	N	Hexane	< 1.4	U	ug/m3	N	0.49
KAFB-106121-350	SV121-350-212	4/12/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.67
KAFB-106121-350	SV121-350-212	4/12/2021	N	Propylene (propene)	0.64	J	ug/m3	Y	0.58
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,4-Dioxane	< 0.76	U	ug/m3	N	0.28
KAFB-106121-350	SV121-350-212	4/12/2021	N	Dibromochloromethane	< 0.76	U	ug/m3	N	0.31
KAFB-106121-350	SV121-350-212	4/12/2021	N	Tetrachloroethene	0.9	J	ug/m3	Y	0.31
KAFB-106121-350	SV121-350-212	4/12/2021	N	Xylenes, total	7.2		ug/m3	Y	0.63
KAFB-106121-350	SV121-350-212	4/12/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.3
KAFB-106121-350	SV121-350-212	4/12/2021	N	n-Heptane	0.48	J	ug/m3	Y	0.38
KAFB-106121-350	SV121-350-212	4/12/2021	N	m- & p-Xylenes	5.5		ug/m3	Y	0.63
KAFB-106121-350	SV121-350-212	4/12/2021	N	Carbon tetrachloride	0.69	J	ug/m3	Y	0.33
KAFB-106121-350	SV121-350-212	4/12/2021	N	2-Hexanone	< 0.76	U	ug/m3	N	0.3
KAFB-106121-350	SV121-350-212	4/12/2021	N	Ethanol	1.8	J	ug/m3	Y	1.7
KAFB-106121-350	SV121-350-212	4/12/2021	N	Isopropyl alcohol	< 2.8	U	ug/m3	N	0.98
KAFB-106121-350	SV121-350-212	4/12/2021	N	Acetone	6.1	J	ug/m3	Y	5.4
KAFB-106121-350	SV121-350-212	4/12/2021	N	Chloroform	1.1	J	ug/m3	Y	0.32
KAFB-106121-350	SV121-350-212	4/12/2021	N	Benzene	1.2	J	ug/m3	Y	0.34
KAFB-106121-350	SV121-350-212	4/12/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106121-350	SV121-350-212	4/12/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106121-350	SV121-350-212	4/12/2021	N	Vinyl chloride	< 0.76	U	ug/m3	N	0.26
KAFB-106121-350	SV121-350-212	4/12/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.67
KAFB-106121-350	SV121-350-212	4/12/2021	N	Carbon disulfide	6.5		ug/m3	Y	0.72
KAFB-106121-350	SV121-350-212	4/12/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106121-350	SV121-350-212	4/12/2021	N	Bromodichloromethane	< 0.76	U	ug/m3	N	0.34
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106121-350	SV121-350-212	4/12/2021	N	Trichlorofluoromethane	24		ug/m3	Y	0.36
KAFB-106121-350	SV121-350-212	4/12/2021	N	Dichlorodifluoromethane	200		ug/m3	Y	0.39
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	6.7		ug/m3	Y	0.34
KAFB-106121-350	SV121-350-212	4/12/2021	N	2-Butanone	0.87	J	ug/m3	Y	0.49
KAFB-106121-350	SV121-350-212	4/12/2021	N	Trichloroethene	< 0.76	U	ug/m3	N	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106121-350	SV121-350-212	4/12/2021	N	Naphthalene	2.5		ug/m3	Y	0.58
KAFB-106121-350	SV121-350-212	4/12/2021	N	o-Xylene	1.6	J	ug/m3	Y	0.34
KAFB-106121-350	SV121-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	7.9		ug/m3	Y	0.33
KAFB-106121-450	SV121-450-212	4/12/2021	N	Ethylbenzene	29		ug/m3	Y	0.38
KAFB-106121-450	SV121-450-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,3-Butadiene	0.6	J	ug/m3	Y	0.44
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,2-Dichloroethane	2.9		ug/m3	Y	0.3
KAFB-106121-450	SV121-450-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.37
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	2	J	ug/m3	Y	0.39
KAFB-106121-450	SV121-450-212	4/12/2021	N	Toluene	500		ug/m3	Y	0.33
KAFB-106121-450	SV121-450-212	4/12/2021	N	Tetrahydrofuran	53		ug/m3	Y	0.34
KAFB-106121-450	SV121-450-212	4/12/2021	N	Hexane	10		ug/m3	Y	0.55
KAFB-106121-450	SV121-450-212	4/12/2021	N	Cyclohexane	18		ug/m3	Y	0.75
KAFB-106121-450	SV121-450-212	4/12/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.65
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.32
KAFB-106121-450	SV121-450-212	4/12/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106121-450	SV121-450-212	4/12/2021	N	Tetrachloroethene	1.6	J	ug/m3	Y	0.35
KAFB-106121-450	SV121-450-212	4/12/2021	N	Xylenes, total	54		ug/m3	Y	0.7
KAFB-106121-450	SV121-450-212	4/12/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106121-450	SV121-450-212	4/12/2021	N	n-Heptane	4.3		ug/m3	Y	0.43
KAFB-106121-450	SV121-450-212	4/12/2021	N	m- & p-Xylenes	41		ug/m3	Y	0.7
KAFB-106121-450	SV121-450-212	4/12/2021	N	Carbon tetrachloride	< 0.85	U	ug/m3	N	0.37
KAFB-106121-450	SV121-450-212	4/12/2021	N	2-Hexanone	< 0.85	U	ug/m3	N	0.33
KAFB-106121-450	SV121-450-212	4/12/2021	N	Ethanol	3.9	J	ug/m3	Y	1.9
KAFB-106121-450	SV121-450-212	4/12/2021	N	Isopropyl alcohol	< 3.2	U	ug/m3	N	1.1
KAFB-106121-450	SV121-450-212	4/12/2021	N	Acetone	< 14	U	ug/m3	N	6
KAFB-106121-450	SV121-450-212	4/12/2021	N	Chloroform	0.8	J	ug/m3	Y	0.36
KAFB-106121-450	SV121-450-212	4/12/2021	N	Benzene	130		ug/m3	Y	0.39
KAFB-106121-450	SV121-450-212	4/12/2021	N	Chloromethane	33		ug/m3	Y	0.43
KAFB-106121-450	SV121-450-212	4/12/2021	N	Chloroethane	7.7		ug/m3	Y	0.33
KAFB-106121-450	SV121-450-212	4/12/2021	N	Vinyl chloride	9.4		ug/m3	Y	0.29
KAFB-106121-450	SV121-450-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106121-450	SV121-450-212	4/12/2021	N	Carbon disulfide	390		ug/m3	Y	0.8
KAFB-106121-450	SV121-450-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106121-450	SV121-450-212	4/12/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.39
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,1-Dichloroethane	6.2		ug/m3	Y	0.39
KAFB-106121-450	SV121-450-212	4/12/2021	N	Trichlorofluoromethane	27		ug/m3	Y	0.41
KAFB-106121-450	SV121-450-212	4/12/2021	N	Dichlorodifluoromethane	230		ug/m3	Y	0.44
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	7.5		ug/m3	Y	0.38
KAFB-106121-450	SV121-450-212	4/12/2021	N	2-Butanone	7.2		ug/m3	Y	0.55
KAFB-106121-450	SV121-450-212	4/12/2021	N	Trichloroethene	< 0.85	U	ug/m3	N	0.36
KAFB-106121-450	SV121-450-212	4/12/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.65
KAFB-106121-450	SV121-450-212	4/12/2021	N	o-Xylene	13		ug/m3	Y	0.39
KAFB-106121-450	SV121-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	5.2		ug/m3	Y	0.37
KAFB-106122-025	SV122-025-212	4/12/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.35
KAFB-106122-025	SV122-025-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106122-025	SV122-025-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	3.6		ug/m3	Y	0.36
KAFB-106122-025	SV122-025-212	4/12/2021	N	Toluene	2.5		ug/m3	Y	0.3
KAFB-106122-025	SV122-025-212	4/12/2021	N	Tetrahydrofuran	0.48	J	ug/m3	Y	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106122-025	SV122-025-212	4/12/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106122-025	SV122-025-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.7
KAFB-106122-025	SV122-025-212	4/12/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.6
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
KAFB-106122-025	SV122-025-212	4/12/2021	N	Dibromochloromethane	0.59	J	ug/m3	Y	0.33
KAFB-106122-025	SV122-025-212	4/12/2021	N	Tetrachloroethene	2.3	J	ug/m3	Y	0.32
KAFB-106122-025	SV122-025-212	4/12/2021	N	Xylenes, total	12		ug/m3	Y	0.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106122-025	SV122-025-212	4/12/2021	N	n-Heptane	0.51	J	ug/m3	Y	0.4
KAFB-106122-025	SV122-025-212	4/12/2021	N	m- & p-Xylenes	9.4		ug/m3	Y	0.65
KAFB-106122-025	SV122-025-212	4/12/2021	N	Carbon tetrachloride	3.8		ug/m3	Y	0.34
KAFB-106122-025	SV122-025-212	4/12/2021	N	2-Hexanone	0.49	J	ug/m3	Y	0.31
KAFB-106122-025	SV122-025-212	4/12/2021	N	Ethanol	20	J	ug/m3	Y	1.7
KAFB-106122-025	SV122-025-212	4/12/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106122-025	SV122-025-212	4/12/2021	N	Acetone	6.9	J	ug/m3	Y	5.6
KAFB-106122-025	SV122-025-212	4/12/2021	N	Chloroform	260		ug/m3	Y	0.33
KAFB-106122-025	SV122-025-212	4/12/2021	N	Benzene	< 0.79	U	ug/m3	N	0.36
KAFB-106122-025	SV122-025-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106122-025	SV122-025-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106122-025	SV122-025-212	4/12/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.27
KAFB-106122-025	SV122-025-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.7
KAFB-106122-025	SV122-025-212	4/12/2021	N	Carbon disulfide	1	J	ug/m3	Y	0.74
KAFB-106122-025	SV122-025-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106122-025	SV122-025-212	4/12/2021	N	Bromodichloromethane	22		ug/m3	Y	0.36
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106122-025	SV122-025-212	4/12/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.38
KAFB-106122-025	SV122-025-212	4/12/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.4
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	J	ug/m3	Y	0.35
KAFB-106122-025	SV122-025-212	4/12/2021	N	2-Butanone	3.5	J	ug/m3	Y	0.51
KAFB-106122-025	SV122-025-212	4/12/2021	N	Trichloroethene	1.8	J	ug/m3	Y	0.33
KAFB-106122-025	SV122-025-212	4/12/2021	N	Naphthalene	6.5		ug/m3	Y	0.6
KAFB-106122-025	SV122-025-212	4/12/2021	N	o-Xylene	3		ug/m3	Y	0.36
KAFB-106122-025	SV122-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	16		ug/m3	Y	0.34
KAFB-106122-050	SV122-050-212	4/12/2021	N	Ethylbenzene	2.2	J	ug/m3	Y	0.37
KAFB-106122-050	SV122-050-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106122-050	SV122-050-212	4/12/2021	N	4-Methyl-2-pentanone	0.44	J	ug/m3	Y	0.36
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,3,5-Trimethylbenzene	8.3		ug/m3	Y	0.38
KAFB-106122-050	SV122-050-212	4/12/2021	N	Toluene	3.5		ug/m3	Y	0.32
KAFB-106122-050	SV122-050-212	4/12/2021	N	Tetrahydrofuran	< 0.84	U	ug/m3	N	0.33
KAFB-106122-050	SV122-050-212	4/12/2021	N	Hexane	0.55	J	ug/m3	Y	0.54
KAFB-106122-050	SV122-050-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106122-050	SV122-050-212	4/12/2021	N	Propylene (propene)	1.2	J	ug/m3	Y	0.64
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106122-050	SV122-050-212	4/12/2021	N	Dibromochloromethane	2.2	J	ug/m3	Y	0.35
KAFB-106122-050	SV122-050-212	4/12/2021	N	Tetrachloroethene	5.5		ug/m3	Y	0.34
KAFB-106122-050	SV122-050-212	4/12/2021	N	Xylenes, total	17		ug/m3	Y	0.69
KAFB-106122-050	SV122-050-212	4/12/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106122-050	SV122-050-212	4/12/2021	N	n-Heptane	0.79	J	ug/m3	Y	0.42
KAFB-106122-050	SV122-050-212	4/12/2021	N	m- & p-Xylenes	13		ug/m3	Y	0.69
KAFB-106122-050	SV122-050-212	4/12/2021	N	Carbon tetrachloride	14		ug/m3	Y	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106122-050	SV122-050-212	4/12/2021	N	2-Hexanone	1.7	J	ug/m3	Y	0.33
KAFB-106122-050	SV122-050-212	4/12/2021	N	Ethanol	14	J	ug/m3	Y	1.8
KAFB-106122-050	SV122-050-212	4/12/2021	N	Isopropyl alcohol	1.8	J	ug/m3	Y	1.1
KAFB-106122-050	SV122-050-212	4/12/2021	N	Acetone	32		ug/m3	Y	5.9
KAFB-106122-050	SV122-050-212	4/12/2021	N	Chloroform	400		ug/m3	Y	0.35
KAFB-106122-050	SV122-050-212	4/12/2021	N	Benzene	< 0.84	U	ug/m3	N	0.38
KAFB-106122-050	SV122-050-212	4/12/2021	N	Chloromethane	0.81	J	ug/m3	Y	0.43
KAFB-106122-050	SV122-050-212	4/12/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106122-050	SV122-050-212	4/12/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106122-050	SV122-050-212	4/12/2021	N	Methylene chloride	2.3	J	ug/m3	Y	0.74
KAFB-106122-050	SV122-050-212	4/12/2021	N	Carbon disulfide	1.1	J	ug/m3	Y	0.79
KAFB-106122-050	SV122-050-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106122-050	SV122-050-212	4/12/2021	N	Bromodichloromethane	61		ug/m3	Y	0.38
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106122-050	SV122-050-212	4/12/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.4
KAFB-106122-050	SV122-050-212	4/12/2021	N	Dichlorodifluoromethane	3.4		ug/m3	Y	0.43
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	J	ug/m3	Y	0.38
KAFB-106122-050	SV122-050-212	4/12/2021	N	2-Butanone	7.8		ug/m3	Y	0.54
KAFB-106122-050	SV122-050-212	4/12/2021	N	Trichloroethene	1.3	J	ug/m3	Y	0.36
KAFB-106122-050	SV122-050-212	4/12/2021	N	Naphthalene	7.5		ug/m3	Y	0.64
KAFB-106122-050	SV122-050-212	4/12/2021	N	o-Xylene	4.6		ug/m3	Y	0.38
KAFB-106122-050	SV122-050-212	4/12/2021	N	1,2,4-Trimethylbenzene	40		ug/m3	Y	0.37
KAFB-106122-150	SV122-150-212	4/12/2021	N	Ethylbenzene	1.3	J	ug/m3	Y	0.36
KAFB-106122-150	SV122-150-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106122-150	SV122-150-212	4/12/2021	N	4-Methyl-2-pentanone	0.42	J	ug/m3	Y	0.35
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.5	J	ug/m3	Y	0.37
KAFB-106122-150	SV122-150-212	4/12/2021	N	Toluene	2	J	ug/m3	Y	0.31
KAFB-106122-150	SV122-150-212	4/12/2021	N	Tetrahydrofuran	17		ug/m3	Y	0.32
KAFB-106122-150	SV122-150-212	4/12/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106122-150	SV122-150-212	4/12/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106122-150	SV122-150-212	4/12/2021	N	Propylene (propene)	18		ug/m3	Y	0.62
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106122-150	SV122-150-212	4/12/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106122-150	SV122-150-212	4/12/2021	N	Tetrachloroethene	1.7	J	ug/m3	Y	0.33
KAFB-106122-150	SV122-150-212	4/12/2021	N	Xylenes, total	9.4		ug/m3	Y	0.67
KAFB-106122-150	SV122-150-212	4/12/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106122-150	SV122-150-212	4/12/2021	N	n-Heptane	0.55	J	ug/m3	Y	0.41
KAFB-106122-150	SV122-150-212	4/12/2021	N	m- & p-Xylenes	7.3		ug/m3	Y	0.67
KAFB-106122-150	SV122-150-212	4/12/2021	N	Carbon tetrachloride	14		ug/m3	Y	0.35
KAFB-106122-150	SV122-150-212	4/12/2021	N	2-Hexanone	0.93	J	ug/m3	Y	0.32
KAFB-106122-150	SV122-150-212	4/12/2021	N	Ethanol	38		ug/m3	Y	1.8
KAFB-106122-150	SV122-150-212	4/12/2021	N	Isopropyl alcohol	140		ug/m3	Y	1.1
KAFB-106122-150	SV122-150-212	4/12/2021	N	Acetone	27		ug/m3	Y	5.7
KAFB-106122-150	SV122-150-212	4/12/2021	N	Chloroform	19		ug/m3	Y	0.34
KAFB-106122-150	SV122-150-212	4/12/2021	N	Benzene	< 0.81	U	ug/m3	N	0.37
KAFB-106122-150	SV122-150-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106122-150	SV122-150-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106122-150	SV122-150-212	4/12/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106122-150	SV122-150-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106122-150	SV122-150-212	4/12/2021	N	Carbon disulfide	5.6		ug/m3	Y	0.76
KAFB-106122-150	SV122-150-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106122-150	SV122-150-212	4/12/2021	N	Bromodichloromethane	1.7	J	ug/m3	Y	0.37
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106122-150	SV122-150-212	4/12/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.39
KAFB-106122-150	SV122-150-212	4/12/2021	N	Dichlorodifluoromethane	9.2		ug/m3	Y	0.42
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.59	J	ug/m3	Y	0.36
KAFB-106122-150	SV122-150-212	4/12/2021	N	2-Butanone	8.3		ug/m3	Y	0.53
KAFB-106122-150	SV122-150-212	4/12/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106122-150	SV122-150-212	4/12/2021	N	Naphthalene	3.8		ug/m3	Y	0.62
KAFB-106122-150	SV122-150-212	4/12/2021	N	o-Xylene	2.2	J	ug/m3	Y	0.37
KAFB-106122-150	SV122-150-212	4/12/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.35
KAFB-106122-250	SV122-250-212	4/12/2021	N	Ethylbenzene	1.8	J	ug/m3	Y	0.37
KAFB-106122-250	SV122-250-212	4/12/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
KAFB-106122-250	SV122-250-212	4/12/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,3,5-Trimethylbenzene	2.7		ug/m3	Y	0.38
KAFB-106122-250	SV122-250-212	4/12/2021	N	Toluene	3.5		ug/m3	Y	0.32
KAFB-106122-250	SV122-250-212	4/12/2021	N	Tetrahydrofuran	2.8	J	ug/m3	Y	0.33
KAFB-106122-250	SV122-250-212	4/12/2021	N	Hexane	2.4	J	ug/m3	Y	0.54
KAFB-106122-250	SV122-250-212	4/12/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106122-250	SV122-250-212	4/12/2021	N	Propylene (propene)	4.7		ug/m3	Y	0.64
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
KAFB-106122-250	SV122-250-212	4/12/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.34
KAFB-106122-250	SV122-250-212	4/12/2021	N	Tetrachloroethene	< 0.84	U	ug/m3	N	0.34
KAFB-106122-250	SV122-250-212	4/12/2021	N	Xylenes, total	12		ug/m3	Y	0.69
KAFB-106122-250	SV122-250-212	4/12/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106122-250	SV122-250-212	4/12/2021	N	n-Heptane	2	J	ug/m3	Y	0.42
KAFB-106122-250	SV122-250-212	4/12/2021	N	m- & p-Xylenes	9		ug/m3	Y	0.69
KAFB-106122-250	SV122-250-212	4/12/2021	N	Carbon tetrachloride	4.1		ug/m3	Y	0.36
KAFB-106122-250	SV122-250-212	4/12/2021	N	2-Hexanone	1.5	J	ug/m3	Y	0.33
KAFB-106122-250	SV122-250-212	4/12/2021	N	Ethanol	32		ug/m3	Y	1.8
KAFB-106122-250	SV122-250-212	4/12/2021	N	Isopropyl alcohol	2.1	J	ug/m3	Y	1.1
KAFB-106122-250	SV122-250-212	4/12/2021	N	Acetone	9.6	J	ug/m3	Y	5.9
KAFB-106122-250	SV122-250-212	4/12/2021	N	Chloroform	0.46	J	ug/m3	Y	0.35
KAFB-106122-250	SV122-250-212	4/12/2021	N	Benzene	0.72	J	ug/m3	Y	0.38
KAFB-106122-250	SV122-250-212	4/12/2021	N	Chloromethane	1.1	J	ug/m3	Y	0.42
KAFB-106122-250	SV122-250-212	4/12/2021	N	Chloroethane	2.1	J	ug/m3	Y	0.33
KAFB-106122-250	SV122-250-212	4/12/2021	N	Vinyl chloride	< 0.84	U	ug/m3	N	0.28
KAFB-106122-250	SV122-250-212	4/12/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
KAFB-106122-250	SV122-250-212	4/12/2021	N	Carbon disulfide	23		ug/m3	Y	0.79
KAFB-106122-250	SV122-250-212	4/12/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106122-250	SV122-250-212	4/12/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106122-250	SV122-250-212	4/12/2021	N	Trichlorofluoromethane	2.6		ug/m3	Y	0.4
KAFB-106122-250	SV122-250-212	4/12/2021	N	Dichlorodifluoromethane	33		ug/m3	Y	0.43
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	J	ug/m3	Y	0.37
KAFB-106122-250	SV122-250-212	4/12/2021	N	2-Butanone	8.6		ug/m3	Y	0.54
KAFB-106122-250	SV122-250-212	4/12/2021	N	Trichloroethene	< 0.84	U	ug/m3	N	0.35
KAFB-106122-250	SV122-250-212	4/12/2021	N	Naphthalene	4.1		ug/m3	Y	0.64
KAFB-106122-250	SV122-250-212	4/12/2021	N	o-Xylene	2.9		ug/m3	Y	0.38
KAFB-106122-250	SV122-250-212	4/12/2021	N	1,2,4-Trimethylbenzene	12		ug/m3	Y	0.36
KAFB-106122-350	SV122-350-212	4/12/2021	N	Ethylbenzene	1	J	ug/m3	Y	0.36
KAFB-106122-350	SV122-350-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.29
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106122-350	SV122-350-212	4/12/2021	N	4-Methyl-2-pentanone	0.35	J	ug/m3	Y	0.35
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 0.81	U	ug/m3	N	0.37
KAFB-106122-350	SV122-350-212	4/12/2021	N	Toluene	17		ug/m3	Y	0.31
KAFB-106122-350	SV122-350-212	4/12/2021	N	Tetrahydrofuran	< 0.81	U	ug/m3	N	0.32
KAFB-106122-350	SV122-350-212	4/12/2021	N	Hexane	14		ug/m3	Y	0.52
KAFB-106122-350	SV122-350-212	4/12/2021	N	Cyclohexane	5.1		ug/m3	Y	0.71
KAFB-106122-350	SV122-350-212	4/12/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.62
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106122-350	SV122-350-212	4/12/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106122-350	SV122-350-212	4/12/2021	N	Tetrachloroethene	0.62	J	ug/m3	Y	0.33
KAFB-106122-350	SV122-350-212	4/12/2021	N	Xylenes, total	6.1		ug/m3	Y	0.67
KAFB-106122-350	SV122-350-212	4/12/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106122-350	SV122-350-212	4/12/2021	N	n-Heptane	5.6		ug/m3	Y	0.4
KAFB-106122-350	SV122-350-212	4/12/2021	N	m- & p-Xylenes	5.5		ug/m3	Y	0.67
KAFB-106122-350	SV122-350-212	4/12/2021	N	Carbon tetrachloride	0.41	J	ug/m3	Y	0.35
KAFB-106122-350	SV122-350-212	4/12/2021	N	2-Hexanone	1.5	J	ug/m3	Y	0.31
KAFB-106122-350	SV122-350-212	4/12/2021	N	Ethanol	7.2	J	ug/m3	Y	1.8
KAFB-106122-350	SV122-350-212	4/12/2021	N	Isopropyl alcohol	1.2	J	ug/m3	Y	1
KAFB-106122-350	SV122-350-212	4/12/2021	N	Acetone	27		ug/m3	Y	5.7
KAFB-106122-350	SV122-350-212	4/12/2021	N	Chloroform	0.48	J	ug/m3	Y	0.34
KAFB-106122-350	SV122-350-212	4/12/2021	N	Benzene	10		ug/m3	Y	0.37
KAFB-106122-350	SV122-350-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106122-350	SV122-350-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106122-350	SV122-350-212	4/12/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106122-350	SV122-350-212	4/12/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.71
KAFB-106122-350	SV122-350-212	4/12/2021	N	Carbon disulfide	0.86	J	ug/m3	Y	0.76
KAFB-106122-350	SV122-350-212	4/12/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106122-350	SV122-350-212	4/12/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106122-350	SV122-350-212	4/12/2021	N	Trichlorofluoromethane	11		ug/m3	Y	0.38
KAFB-106122-350	SV122-350-212	4/12/2021	N	Dichlorodifluoromethane	100		ug/m3	Y	0.41
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.7		ug/m3	Y	0.36
KAFB-106122-350	SV122-350-212	4/12/2021	N	2-Butanone	4.1	J	ug/m3	Y	0.52
KAFB-106122-350	SV122-350-212	4/12/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106122-350	SV122-350-212	4/12/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.62
KAFB-106122-350	SV122-350-212	4/12/2021	N	o-Xylene	0.6	J	ug/m3	Y	0.37
KAFB-106122-350	SV122-350-212	4/12/2021	N	1,2,4-Trimethylbenzene	0.52	J	ug/m3	Y	0.35
KAFB-106122-450	SV122-450-212	4/12/2021	N	Ethylbenzene	38	J	ug/m3	Y	7.3
KAFB-106122-450	SV122-450-212	4/12/2021	N	Styrene	< 31	U	ug/m3	N	8.3
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,2-Dibromoethane	< 16	U	ug/m3	N	6
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,3-Butadiene	< 31	U	ug/m3	N	8.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,2-Dichloroethane	< 16	U	ug/m3	N	5.7
KAFB-106122-450	SV122-450-212	4/12/2021	N	4-Methyl-2-pentanone	< 16	U	ug/m3	N	7.1
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,3,5-Trimethylbenzene	< 16	U	ug/m3	N	7.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	Toluene	760		ug/m3	Y	6.3
KAFB-106122-450	SV122-450-212	4/12/2021	N	Tetrahydrofuran	210		ug/m3	Y	6.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	Hexane	46	J	ug/m3	Y	11
KAFB-106122-450	SV122-450-212	4/12/2021	N	Cyclohexane	64	J	ug/m3	Y	15
KAFB-106122-450	SV122-450-212	4/12/2021	N	Propylene (propene)	< 31	U	ug/m3	N	13
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 31	U	ug/m3	N	13
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,4-Dioxane	< 16	U	ug/m3	N	6.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106122-450	SV122-450-212	4/12/2021	N	Dibromochloromethane	< 16	U	ug/m3	N	6.8
KAFB-106122-450	SV122-450-212	4/12/2021	N	Tetrachloroethene	< 16	U	ug/m3	N	6.7
KAFB-106122-450	SV122-450-212	4/12/2021	N	Xylenes, total	93	J	ug/m3	Y	14
KAFB-106122-450	SV122-450-212	4/12/2021	N	Ethyl acetate	< 63	U	ug/m3	N	27
KAFB-106122-450	SV122-450-212	4/12/2021	N	n-Heptane	13	J	ug/m3	Y	8.2
KAFB-106122-450	SV122-450-212	4/12/2021	N	m- & p-Xylenes	71	J	ug/m3	Y	14
KAFB-106122-450	SV122-450-212	4/12/2021	N	Carbon tetrachloride	< 16	U	ug/m3	N	7.2
KAFB-106122-450	SV122-450-212	4/12/2021	N	2-Hexanone	< 16	U	ug/m3	N	6.4
KAFB-106122-450	SV122-450-212	4/12/2021	N	Ethanol	420	J	ug/m3	Y	36
KAFB-106122-450	SV122-450-212	4/12/2021	N	Isopropyl alcohol	< 61	U	ug/m3	N	21
KAFB-106122-450	SV122-450-212	4/12/2021	N	Acetone	< 260	U	ug/m3	N	120
KAFB-106122-450	SV122-450-212	4/12/2021	N	Chloroform	9	J	ug/m3	Y	6.9
KAFB-106122-450	SV122-450-212	4/12/2021	N	Benzene	180		ug/m3	Y	7.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	Chloromethane	61		ug/m3	Y	8.3
KAFB-106122-450	SV122-450-212	4/12/2021	N	Chloroethane	11	J	ug/m3	Y	6.4
KAFB-106122-450	SV122-450-212	4/12/2021	N	Vinyl chloride	12	J	ug/m3	Y	5.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	Methylene chloride	< 31	U	ug/m3	N	15
KAFB-106122-450	SV122-450-212	4/12/2021	N	Carbon disulfide	310		ug/m3	Y	16
KAFB-106122-450	SV122-450-212	4/12/2021	N	Bromoform	< 31	U	ug/m3	N	11
KAFB-106122-450	SV122-450-212	4/12/2021	N	Bromodichloromethane	< 16	U	ug/m3	N	7.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,1-Dichloroethane	< 32	U	ug/m3	N	7.6
KAFB-106122-450	SV122-450-212	4/12/2021	N	Trichlorofluoromethane	15	J	ug/m3	Y	7.9
KAFB-106122-450	SV122-450-212	4/12/2021	N	Dichlorodifluoromethane	140		ug/m3	Y	8.4
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 16	U	ug/m3	N	7.4
KAFB-106122-450	SV122-450-212	4/12/2021	N	2-Butanone	54	J	ug/m3	Y	11
KAFB-106122-450	SV122-450-212	4/12/2021	N	Trichloroethene	< 16	U	ug/m3	N	7
KAFB-106122-450	SV122-450-212	4/12/2021	N	Naphthalene	< 30	U	ug/m3	N	13
KAFB-106122-450	SV122-450-212	4/12/2021	N	o-Xylene	23	J	ug/m3	Y	7.5
KAFB-106122-450	SV122-450-212	4/12/2021	N	1,2,4-Trimethylbenzene	16	J	ug/m3	Y	7.2
KAFB-106123-025	SV123-025-212	4/12/2021	N	Ethylbenzene	19		ug/m3	Y	0.35
KAFB-106123-025	SV123-025-212	4/12/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,2-Dibromoethane	0.9	J	ug/m3	Y	0.29
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106123-025	SV123-025-212	4/12/2021	N	4-Methyl-2-pentanone	2.3	J	ug/m3	Y	0.34
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,3,5-Trimethylbenzene	29		ug/m3	Y	0.35
KAFB-106123-025	SV123-025-212	4/12/2021	N	Toluene	34		ug/m3	Y	0.3
KAFB-106123-025	SV123-025-212	4/12/2021	N	Tetrahydrofuran	0.84	J	ug/m3	Y	0.31
KAFB-106123-025	SV123-025-212	4/12/2021	N	Hexane	2.8		ug/m3	Y	0.51
KAFB-106123-025	SV123-025-212	4/12/2021	N	Cyclohexane	4.9		ug/m3	Y	0.69
KAFB-106123-025	SV123-025-212	4/12/2021	N	Propylene (propene)	1.9	J	ug/m3	Y	0.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106123-025	SV123-025-212	4/12/2021	N	Dibromochloromethane	28		ug/m3	Y	0.32
KAFB-106123-025	SV123-025-212	4/12/2021	N	Tetrachloroethene	3.3		ug/m3	Y	0.32
KAFB-106123-025	SV123-025-212	4/12/2021	N	Xylenes, total	140		ug/m3	Y	0.64
KAFB-106123-025	SV123-025-212	4/12/2021	N	Ethyl acetate	2.9	J	ug/m3	Y	1.3
KAFB-106123-025	SV123-025-212	4/12/2021	N	n-Heptane	12		ug/m3	Y	0.39
KAFB-106123-025	SV123-025-212	4/12/2021	N	m- & p-Xylenes	110		ug/m3	Y	0.64
KAFB-106123-025	SV123-025-212	4/12/2021	N	Carbon tetrachloride	4.7		ug/m3	Y	0.34
KAFB-106123-025	SV123-025-212	4/12/2021	N	2-Hexanone	6.6		ug/m3	Y	0.3
KAFB-106123-025	SV123-025-212	4/12/2021	N	Ethanol	11	J	ug/m3	Y	1.7
KAFB-106123-025	SV123-025-212	4/12/2021	N	Isopropyl alcohol	2.3	J	ug/m3	Y	1
KAFB-106123-025	SV123-025-212	4/12/2021	N	Acetone	51		ug/m3	Y	5.5
KAFB-106123-025	SV123-025-212	4/12/2021	N	Benzene	3.1		ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106123-025	SV123-025-212	4/12/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106123-025	SV123-025-212	4/12/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106123-025	SV123-025-212	4/12/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106123-025	SV123-025-212	4/12/2021	N	Methylene chloride	6.8		ug/m3	Y	0.69
KAFB-106123-025	SV123-025-212	4/12/2021	N	Carbon disulfide	< 2.5	U	ug/m3	N	0.74
KAFB-106123-025	SV123-025-212	4/12/2021	N	Bromoform	0.78	J	ug/m3	Y	0.51
KAFB-106123-025	SV123-025-212	4/12/2021	N	Bromodichloromethane	270		ug/m3	Y	0.35
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106123-025	SV123-025-212	4/12/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.37
KAFB-106123-025	SV123-025-212	4/12/2021	N	Dichlorodifluoromethane	4.2		ug/m3	Y	0.4
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.65	J	ug/m3	Y	0.35
KAFB-106123-025	SV123-025-212	4/12/2021	N	2-Butanone	12		ug/m3	Y	0.51
KAFB-106123-025	SV123-025-212	4/12/2021	N	Trichloroethene	1.5	J	ug/m3	Y	0.33
KAFB-106123-025	SV123-025-212	4/12/2021	N	Naphthalene	37		ug/m3	Y	0.6
KAFB-106123-025	SV123-025-212	4/12/2021	N	o-Xylene	35		ug/m3	Y	0.35
KAFB-106123-025	SV123-025-212	4/12/2021	N	1,2,4-Trimethylbenzene	120		ug/m3	Y	0.34
KAFB-106123-025	SV123-025-212	4/12/2021	N	Chloroform	510		ug/m3	Y	3.3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Ethylbenzene	130000		ug/m3	Y	740
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Styrene	< 3200	U	ug/m3	N	850
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,2-Dibromoethane	< 1700	U	ug/m3	N	610
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,3-Butadiene	< 3200	U	ug/m3	N	870
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,2-Dichloroethane	< 1700	U	ug/m3	N	580
KAFB-106V1-160	SV1-160-212	4/20/2021	N	4-Methyl-2-pentanone	1700	J	ug/m3	Y	720
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,3,5-Trimethylbenzene	11000		ug/m3	Y	760
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Toluene	700000		ug/m3	Y	640
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Tetrahydrofuran	< 1700	U	ug/m3	N	660
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Hexane	230000		ug/m3	Y	1100
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Cyclohexane	590000		ug/m3	Y	1500
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Propylene (propene)	4400	J	ug/m3	Y	1300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 3200	U	ug/m3	N	1300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,4-Dioxane	< 1700	U	ug/m3	N	620
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Dibromochloromethane	< 1700	U	ug/m3	N	690
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Tetrachloroethene	< 1700	U	ug/m3	N	680
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Xylenes, total	310000		ug/m3	Y	1400
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Ethyl acetate	< 6400	U	ug/m3	N	2800
KAFB-106V1-160	SV1-160-212	4/20/2021	N	n-Heptane	1000000		ug/m3	Y	840
KAFB-106V1-160	SV1-160-212	4/20/2021	N	m- & p-Xylenes	230000		ug/m3	Y	1400
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Carbon tetrachloride	< 1700	U	ug/m3	N	730
KAFB-106V1-160	SV1-160-212	4/20/2021	N	2-Hexanone	< 1700	U	ug/m3	N	650
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Ethanol	67000		ug/m3	Y	3700
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Isopropyl alcohol	160000		ug/m3	Y	2200
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Acetone	1100000		ug/m3	Y	12000
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Chloroform	< 1700	U	ug/m3	N	700
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Benzene	110000		ug/m3	Y	760
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Chloromethane	< 3200	U	ug/m3	N	850
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Chloroethane	< 3200	U	ug/m3	N	650
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Vinyl chloride	< 1700	U	ug/m3	N	560
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Methylene chloride	< 3200	U	ug/m3	N	1500
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Carbon disulfide	2500	J	ug/m3	Y	1600
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Bromoform	< 3200	U	ug/m3	N	1100
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Bromodichloromethane	< 1700	U	ug/m3	N	760
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,1-Dichloroethane	< 3300	U	ug/m3	N	770
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Trichlorofluoromethane	< 3200	U	ug/m3	N	800
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Dichlorodifluoromethane	< 3200	U	ug/m3	N	860
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1700	U	ug/m3	N	750

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V1-160	SV1-160-212	4/20/2021	N	2-Butanone	36000		ug/m3	Y	1100
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Trichloroethene	< 1700	U	ug/m3	N	710
KAFB-106V1-160	SV1-160-212	4/20/2021	N	Naphthalene	< 3100	U	ug/m3	N	1300
KAFB-106V1-160	SV1-160-212	4/20/2021	N	o-Xylene	74000		ug/m3	Y	760
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1,2,4-Trimethylbenzene	24000		ug/m3	Y	730
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Ethylbenzene	140000		ug/m3	Y	2600
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Styrene	< 11000	U	ug/m3	N	2900
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,2-Dibromoethane	< 5800	U	ug/m3	N	2100
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,3-Butadiene	< 11000	U	ug/m3	N	3000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,2-Dichloroethane	< 5800	U	ug/m3	N	2000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	4-Methyl-2-pentanone	< 5800	U	ug/m3	N	2500
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,3,5-Trimethylbenzene	15000	J	ug/m3	Y	2600
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Toluene	1500000		ug/m3	Y	2200
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Tetrahydrofuran	< 5800	U	ug/m3	N	2300
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Hexane	2700000		ug/m3	Y	3700
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Cyclohexane	2400000		ug/m3	Y	5100
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Propylene (propene)	4800	J	ug/m3	Y	4400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 11000	U	ug/m3	N	4400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,4-Dioxane	< 5800	U	ug/m3	N	2100
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Dibromochloromethane	< 5800	U	ug/m3	N	2400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Tetrachloroethene	< 5800	U	ug/m3	N	2300
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Xylenes, total	500000		ug/m3	Y	4800
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Ethyl acetate	< 22000	U	ug/m3	N	9500
KAFB-106V1-217	SV1-217-212	4/20/2021	N	n-Heptane	3000000		ug/m3	Y	2900
KAFB-106V1-217	SV1-217-212	4/20/2021	N	m- & p-Xylenes	390000		ug/m3	Y	4800
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Carbon tetrachloride	< 5800	U	ug/m3	N	2500
KAFB-106V1-217	SV1-217-212	4/20/2021	N	2-Hexanone	< 5800	U	ug/m3	N	2200
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Ethanol	47000	J	ug/m3	Y	13000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Isopropyl alcohol	17000	J	ug/m3	Y	7500
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Acetone	1800000		ug/m3	Y	41000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Chloroform	< 5800	U	ug/m3	N	2400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Benzene	600000		ug/m3	Y	2600
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Chloromethane	< 11000	U	ug/m3	N	2900
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Chloroethane	< 11000	U	ug/m3	N	2200
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Vinyl chloride	< 5800	U	ug/m3	N	1900
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Methylene chloride	< 11000	U	ug/m3	N	5100
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Carbon disulfide	7400	J	ug/m3	Y	5400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Bromoform	< 11000	U	ug/m3	N	3700
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Bromodichloromethane	< 5800	U	ug/m3	N	2600
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,1-Dichloroethane	< 11000	U	ug/m3	N	2700
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Trichlorofluoromethane	< 11000	U	ug/m3	N	2800
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Dichlorodifluoromethane	< 11000	U	ug/m3	N	3000
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5800	U	ug/m3	N	2600
KAFB-106V1-217	SV1-217-212	4/20/2021	N	2-Butanone	110000		ug/m3	Y	3700
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Trichloroethene	< 5800	U	ug/m3	N	2400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	Naphthalene	< 11000	U	ug/m3	N	4400
KAFB-106V1-217	SV1-217-212	4/20/2021	N	o-Xylene	110000		ug/m3	Y	2600
KAFB-106V1-217	SV1-217-212	4/20/2021	N	1,2,4-Trimethylbenzene	29000		ug/m3	Y	2500
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Ethylbenzene	210000		ug/m3	Y	3700
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Styrene	< 16000	U	ug/m3	N	4200
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,2-Dibromoethane	< 8400	U	ug/m3	N	3100
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,3-Butadiene	< 16000	U	ug/m3	N	4300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,2-Dichloroethane	< 8400	U	ug/m3	N	2900
KAFB-106V1-252	SV1-252-212	4/20/2021	N	4-Methyl-2-pentanone	11000	J	ug/m3	Y	3600
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,3,5-Trimethylbenzene	14000	J	ug/m3	Y	3800

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Toluene	2700000		ug/m3	Y	3200
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Tetrahydrofuran	< 8400	U	ug/m3	N	3300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Hexane	130000		ug/m3	Y	5400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Cyclohexane	500000		ug/m3	Y	7400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Propylene (propene)	7300	J	ug/m3	Y	6400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 16000	U	ug/m3	N	6400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,4-Dioxane	< 8400	U	ug/m3	N	3100
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Dibromochloromethane	< 8400	U	ug/m3	N	3400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Tetrachloroethene	< 8400	U	ug/m3	N	3400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Xylenes, total	720000		ug/m3	Y	6900
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Ethyl acetate	< 32000	U	ug/m3	N	14000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	n-Heptane	3900000		ug/m3	Y	4200
KAFB-106V1-252	SV1-252-212	4/20/2021	N	m- & p-Xylenes	570000		ug/m3	Y	6900
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Carbon tetrachloride	< 8400	U	ug/m3	N	3600
KAFB-106V1-252	SV1-252-212	4/20/2021	N	2-Hexanone	< 8400	U	ug/m3	N	3300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Ethanol	19000	J	ug/m3	Y	18000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Isopropyl alcohol	13000	J	ug/m3	Y	11000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Acetone	600000		ug/m3	Y	59000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Chloroform	< 8400	U	ug/m3	N	3500
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Benzene	85000		ug/m3	Y	3800
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Chloromethane	< 16000	U	ug/m3	N	4200
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Chloroethane	< 16000	U	ug/m3	N	3300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Vinyl chloride	< 8400	U	ug/m3	N	2800
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Methylene chloride	< 16000	U	ug/m3	N	7400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Carbon disulfide	< 27000	U	ug/m3	N	7900
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Bromoform	< 16000	U	ug/m3	N	5400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Bromodichloromethane	< 8400	U	ug/m3	N	3800
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,1-Dichloroethane	< 16000	U	ug/m3	N	3800
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Trichlorofluoromethane	< 16000	U	ug/m3	N	4000
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Dichlorodifluoromethane	< 16000	U	ug/m3	N	4300
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 8400	U	ug/m3	N	3700
KAFB-106V1-252	SV1-252-212	4/20/2021	N	2-Butanone	120000		ug/m3	Y	5400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Trichloroethene	< 8400	U	ug/m3	N	3500
KAFB-106V1-252	SV1-252-212	4/20/2021	N	Naphthalene	< 15000	U	ug/m3	N	6400
KAFB-106V1-252	SV1-252-212	4/20/2021	N	o-Xylene	150000		ug/m3	Y	3800
KAFB-106V1-252	SV1-252-212	4/20/2021	N	1,2,4-Trimethylbenzene	30000		ug/m3	Y	3600
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Ethylbenzene	270000		ug/m3	Y	2900
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Styrene	< 12000	U	ug/m3	N	3300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,2-Dibromoethane	16000	J	ug/m3	Y	2400
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,3-Butadiene	< 12000	U	ug/m3	N	3400
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,2-Dichloroethane	< 6600	U	ug/m3	N	2300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	4-Methyl-2-pentanone	20000	J	ug/m3	Y	2800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,3,5-Trimethylbenzene	25000		ug/m3	Y	3000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Toluene	3700000		ug/m3	Y	2500
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Tetrahydrofuran	< 6600	U	ug/m3	N	2600
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Hexane	290000		ug/m3	Y	4300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Cyclohexane	830000		ug/m3	Y	5800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Propylene (propene)	9900	J	ug/m3	Y	5000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 12000	U	ug/m3	N	5000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,4-Dioxane	< 6600	U	ug/m3	N	2400
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Dibromochloromethane	< 6600	U	ug/m3	N	2700
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Tetrachloroethene	< 6600	U	ug/m3	N	2700
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Xylenes, total	840000		ug/m3	Y	5400
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Ethyl acetate	< 25000	U	ug/m3	N	11000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	m- & p-Xylenes	670000		ug/m3	Y	5400

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Carbon tetrachloride	< 6600	U	ug/m3	N	2900
KAFB-106V1-263	SV1-263-212	4/20/2021	N	2-Hexanone	< 6600	U	ug/m3	N	2600
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Ethanol	< 32000	U	ug/m3	N	14000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Isopropyl alcohol	35000	J	ug/m3	Y	8500
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Acetone	1200000		ug/m3	Y	47000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Chloroform	< 6600	U	ug/m3	N	2800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Benzene	170000		ug/m3	Y	3000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Chloromethane	< 12000	U	ug/m3	N	3300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Chloroethane	< 12000	U	ug/m3	N	2600
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Vinyl chloride	< 6600	U	ug/m3	N	2200
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Methylene chloride	< 12000	U	ug/m3	N	5800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Carbon disulfide	< 21000	U	ug/m3	N	6200
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Bromoform	< 12000	U	ug/m3	N	4300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Bromodichloromethane	< 6600	U	ug/m3	N	3000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,1-Dichloroethane	< 13000	U	ug/m3	N	3000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Trichlorofluoromethane	< 12000	U	ug/m3	N	3100
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Dichlorodifluoromethane	< 12000	U	ug/m3	N	3400
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 6600	U	ug/m3	N	2900
KAFB-106V1-263	SV1-263-212	4/20/2021	N	2-Butanone	250000		ug/m3	Y	4300
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Trichloroethene	< 6600	U	ug/m3	N	2800
KAFB-106V1-263	SV1-263-212	4/20/2021	N	Naphthalene	< 12000	U	ug/m3	N	5000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	o-Xylene	170000		ug/m3	Y	3000
KAFB-106V1-263	SV1-263-212	4/20/2021	N	1,2,4-Trimethylbenzene	64000		ug/m3	Y	2900
KAFB-106V1-263	SV1-263-212	4/20/2021	N	n-Heptane	4200000		ug/m3	Y	6600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Ethylbenzene	140000		ug/m3	Y	3200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Styrene	< 13000	U	ug/m3	N	3600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,2-Dibromoethane	< 7100	U	ug/m3	N	2600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,3-Butadiene	< 13000	U	ug/m3	N	3700
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,2-Dichloroethane	< 7100	U	ug/m3	N	2500
KAFB-106V2-102	SV2-102-212	4/20/2021	N	4-Methyl-2-pentanone	15000	J	ug/m3	Y	3100
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,3,5-Trimethylbenzene	9300	J	ug/m3	Y	3200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Toluene	2500000		ug/m3	Y	2700
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Tetrahydrofuran	< 7100	U	ug/m3	N	2800
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Cyclohexane	4700000		ug/m3	Y	6300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Propylene (propene)	7800	J	ug/m3	Y	5500
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 13000	U	ug/m3	N	5500
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,4-Dioxane	< 7100	U	ug/m3	N	2600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Dibromochloromethane	< 7100	U	ug/m3	N	2900
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Tetrachloroethene	< 7100	U	ug/m3	N	2900
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Xylenes, total	400000		ug/m3	Y	5900
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Ethyl acetate	< 27000	U	ug/m3	N	12000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	m- & p-Xylenes	310000		ug/m3	Y	5900
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Carbon tetrachloride	< 7100	U	ug/m3	N	3100
KAFB-106V2-102	SV2-102-212	4/20/2021	N	2-Hexanone	< 7100	U	ug/m3	N	2800
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Ethanol	160000	J	ug/m3	Y	16000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Isopropyl alcohol	270000		ug/m3	Y	9200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Acetone	3500000		ug/m3	Y	50000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Chloroform	< 7100	U	ug/m3	N	3000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Benzene	1300000		ug/m3	Y	3200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Chloromethane	< 13000	U	ug/m3	N	3600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Chloroethane	< 13000	U	ug/m3	N	2800
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Vinyl chloride	< 7100	U	ug/m3	N	2400
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Methylene chloride	< 13000	U	ug/m3	N	6300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Carbon disulfide	12000	J	ug/m3	Y	6700
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Bromoform	< 13000	U	ug/m3	N	4600

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Bromodichloromethane	< 7100	U	ug/m3	N	3200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,1-Dichloroethane	< 14000	U	ug/m3	N	3300
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Trichlorofluoromethane	< 13000	U	ug/m3	N	3400
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Dichlorodifluoromethane	< 13000	U	ug/m3	N	3700
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 7100	U	ug/m3	N	3200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	2-Butanone	530000		ug/m3	Y	4600
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Trichloroethene	< 7100	U	ug/m3	N	3000
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Naphthalene	< 13000	U	ug/m3	N	5500
KAFB-106V2-102	SV2-102-212	4/20/2021	N	o-Xylene	84000		ug/m3	Y	3200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	1,2,4-Trimethylbenzene	18000	J	ug/m3	Y	3100
KAFB-106V2-102	SV2-102-212	4/20/2021	N	Hexane	5400000		ug/m3	Y	9200
KAFB-106V2-102	SV2-102-212	4/20/2021	N	n-Heptane	4100000		ug/m3	Y	7100
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Ethylbenzene	150000		ug/m3	Y	6000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Styrene	< 26000	U	ug/m3	N	6900
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,2-Dibromoethane	< 14000	U	ug/m3	N	5000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,3-Butadiene	< 26000	U	ug/m3	N	7000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,2-Dichloroethane	< 14000	U	ug/m3	N	4700
KAFB-106V2-117	SV2-117-212	4/20/2021	N	4-Methyl-2-pentanone	< 14000	U	ug/m3	N	5800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,3,5-Trimethylbenzene	12000	J	ug/m3	Y	6200
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Toluene	2500000		ug/m3	Y	5200
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Tetrahydrofuran	< 14000	U	ug/m3	N	5400
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Hexane	7300000		ug/m3	Y	8800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Cyclohexane	5100000		ug/m3	Y	12000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Propylene (propene)	< 26000	U	ug/m3	N	10000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 26000	U	ug/m3	N	10000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,4-Dioxane	< 14000	U	ug/m3	N	5000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Dibromochloromethane	< 14000	U	ug/m3	N	5600
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Tetrachloroethene	< 14000	U	ug/m3	N	5500
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Xylenes, total	450000		ug/m3	Y	11000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Ethyl acetate	< 52000	U	ug/m3	N	22000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	n-Heptane	4300000		ug/m3	Y	6800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	m- & p-Xylenes	350000		ug/m3	Y	11000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Carbon tetrachloride	< 14000	U	ug/m3	N	5900
KAFB-106V2-117	SV2-117-212	4/20/2021	N	2-Hexanone	< 14000	U	ug/m3	N	5300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Ethanol	51000	J	ug/m3	Y	30000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Isopropyl alcohol	26000	J	ug/m3	Y	18000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Acetone	1800000		ug/m3	Y	96000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Chloroform	< 14000	U	ug/m3	N	5700
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Benzene	1500000		ug/m3	Y	6200
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Chloromethane	< 26000	U	ug/m3	N	6900
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Chloroethane	< 26000	U	ug/m3	N	5300
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Vinyl chloride	< 14000	U	ug/m3	N	4600
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Methylene chloride	< 26000	U	ug/m3	N	12000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Carbon disulfide	< 43000	U	ug/m3	N	13000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Bromoform	< 26000	U	ug/m3	N	8800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Bromodichloromethane	< 14000	U	ug/m3	N	6200
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,1-Dichloroethane	< 26000	U	ug/m3	N	6200
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Trichlorofluoromethane	< 26000	U	ug/m3	N	6500
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Dichlorodifluoromethane	< 26000	U	ug/m3	N	7000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 14000	U	ug/m3	N	6100
KAFB-106V2-117	SV2-117-212	4/20/2021	N	2-Butanone	160000		ug/m3	Y	8800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Trichloroethene	< 14000	U	ug/m3	N	5800
KAFB-106V2-117	SV2-117-212	4/20/2021	N	Naphthalene	< 25000	U	ug/m3	N	10000
KAFB-106V2-117	SV2-117-212	4/20/2021	N	o-Xylene	94000		ug/m3	Y	6200
KAFB-106V2-117	SV2-117-212	4/20/2021	N	1,2,4-Trimethylbenzene	28000	J	ug/m3	Y	5900

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Ethylbenzene	35000		ug/m3	Y	48
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Styrene	< 210	U	ug/m3	N	55
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,2-Dibromoethane	< 110	U	ug/m3	N	40
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,3-Butadiene	< 210	U	ug/m3	N	57
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,2-Dichloroethane	< 110	U	ug/m3	N	38
KAFB-106V2-160	SV2-160-212	4/20/2021	N	4-Methyl-2-pentanone	< 110	U	ug/m3	N	47
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,3,5-Trimethylbenzene	23000		ug/m3	Y	50
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Toluene	64000		ug/m3	Y	42
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Tetrahydrofuran	< 110	U	ug/m3	N	43
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Hexane	15000		ug/m3	Y	71
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Cyclohexane	19000		ug/m3	Y	97
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Propylene (propene)	3400		ug/m3	Y	84
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 210	U	ug/m3	N	84
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,4-Dioxane	< 110	U	ug/m3	N	41
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Dibromochloromethane	< 110	U	ug/m3	N	45
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Tetrachloroethene	< 110	U	ug/m3	N	44
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Xylenes, total	130000		ug/m3	Y	90
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Ethyl acetate	< 420	U	ug/m3	N	180
KAFB-106V2-160	SV2-160-212	4/20/2021	N	m- & p-Xylenes	89000		ug/m3	Y	90
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Carbon tetrachloride	< 110	U	ug/m3	N	48
KAFB-106V2-160	SV2-160-212	4/20/2021	N	2-Hexanone	< 110	U	ug/m3	N	42
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Ethanol	2400	J	ug/m3	Y	240
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Isopropyl alcohol	2600		ug/m3	Y	140
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Acetone	33000		ug/m3	Y	770
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Chloroform	< 110	U	ug/m3	N	46
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Benzene	4900		ug/m3	Y	50
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Chloromethane	< 210	U	ug/m3	N	55
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Chloroethane	< 210	U	ug/m3	N	42
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Vinyl chloride	< 110	U	ug/m3	N	37
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Methylene chloride	< 210	U	ug/m3	N	97
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Carbon disulfide	< 350	U	ug/m3	N	100
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Bromoform	< 210	U	ug/m3	N	71
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Bromodichloromethane	< 110	U	ug/m3	N	50
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,1-Dichloroethane	< 210	U	ug/m3	N	50
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Trichlorofluoromethane	< 210	U	ug/m3	N	52
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Dichlorodifluoromethane	< 210	U	ug/m3	N	56
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 110	U	ug/m3	N	49
KAFB-106V2-160	SV2-160-212	4/20/2021	N	2-Butanone	1200		ug/m3	Y	71
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Trichloroethene	< 110	U	ug/m3	N	46
KAFB-106V2-160	SV2-160-212	4/20/2021	N	Naphthalene	1800		ug/m3	Y	84
KAFB-106V2-160	SV2-160-212	4/20/2021	N	o-Xylene	41000		ug/m3	Y	50
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1,2,4-Trimethylbenzene	63000		ug/m3	Y	48
KAFB-106V2-160	SV2-160-212	4/20/2021	N	n-Heptane	68000		ug/m3	Y	160
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Ethylbenzene	110000		ug/m3	Y	3400
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Styrene	< 14000	U	ug/m3	N	3900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,2-Dibromoethane	< 7700	U	ug/m3	N	2800
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,3-Butadiene	< 14000	U	ug/m3	N	4000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,2-Dichloroethane	< 7700	U	ug/m3	N	2700
KAFB-106V2-217	SV2-217-212	4/20/2021	N	4-Methyl-2-pentanone	< 7700	U	ug/m3	N	3300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,3,5-Trimethylbenzene	11000	J	ug/m3	Y	3500
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Toluene	1500000		ug/m3	Y	2900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Tetrahydrofuran	< 7700	U	ug/m3	N	3000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Hexane	4000000		ug/m3	Y	5000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Cyclohexane	3400000		ug/m3	Y	6800
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Propylene (propene)	< 14000	U	ug/m3	N	5900

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 14000	U	ug/m3	N	5900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,4-Dioxane	< 7700	U	ug/m3	N	2900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Dibromochloromethane	< 7700	U	ug/m3	N	3200
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Tetrachloroethene	< 7700	U	ug/m3	N	3100
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Xylenes, total	320000		ug/m3	Y	6300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Ethyl acetate	< 29000	U	ug/m3	N	13000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	n-Heptane	2900000		ug/m3	Y	3800
KAFB-106V2-217	SV2-217-212	4/20/2021	N	m- & p-Xylenes	250000		ug/m3	Y	6300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Carbon tetrachloride	< 7700	U	ug/m3	N	3300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	2-Hexanone	< 7700	U	ug/m3	N	3000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Ethanol	19000	J	ug/m3	Y	17000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Isopropyl alcohol	55000		ug/m3	Y	10000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Acetone	3000000		ug/m3	Y	54000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Chloroform	< 7700	U	ug/m3	N	3200
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Benzene	960000		ug/m3	Y	3500
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Chloromethane	< 14000	U	ug/m3	N	3900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Chloroethane	< 14000	U	ug/m3	N	3000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Vinyl chloride	< 7700	U	ug/m3	N	2600
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Methylene chloride	< 14000	U	ug/m3	N	6800
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Carbon disulfide	< 24000	U	ug/m3	N	7200
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Bromoform	< 14000	U	ug/m3	N	5000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Bromodichloromethane	< 7700	U	ug/m3	N	3500
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,1-Dichloroethane	< 15000	U	ug/m3	N	3500
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Trichlorofluoromethane	< 14000	U	ug/m3	N	3700
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Dichlorodifluoromethane	< 14000	U	ug/m3	N	3900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 7700	U	ug/m3	N	3400
KAFB-106V2-217	SV2-217-212	4/20/2021	N	2-Butanone	26000	J	ug/m3	Y	5000
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Trichloroethene	< 7700	U	ug/m3	N	3300
KAFB-106V2-217	SV2-217-212	4/20/2021	N	Naphthalene	< 14000	U	ug/m3	N	5900
KAFB-106V2-217	SV2-217-212	4/20/2021	N	o-Xylene	72000		ug/m3	Y	3500
KAFB-106V2-217	SV2-217-212	4/20/2021	N	1,2,4-Trimethylbenzene	24000		ug/m3	Y	3300
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Ethylbenzene	120000		ug/m3	Y	350
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Styrene	< 1500	U	ug/m3	N	400
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,2-Dibromoethane	< 790	U	ug/m3	N	290
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,3-Butadiene	< 1500	U	ug/m3	N	410
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,2-Dichloroethane	< 790	U	ug/m3	N	270
KAFB-106V2-252	SV2-252-212	4/20/2021	N	4-Methyl-2-pentanone	< 790	U	ug/m3	N	340
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,3,5-Trimethylbenzene	15000		ug/m3	Y	360
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Tetrahydrofuran	< 790	U	ug/m3	N	310
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Hexane	1800	J	ug/m3	Y	510
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Cyclohexane	13000		ug/m3	Y	700
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Propylene (propene)	2300	J	ug/m3	Y	600
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1500	U	ug/m3	N	600
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,4-Dioxane	< 790	U	ug/m3	N	290
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Dibromochloromethane	< 790	U	ug/m3	N	320
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Tetrachloroethene	< 790	U	ug/m3	N	320
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Xylenes, total	330000		ug/m3	Y	650
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Ethyl acetate	< 3000	U	ug/m3	N	1300
KAFB-106V2-252	SV2-252-212	4/20/2021	N	n-Heptane	310000		ug/m3	Y	390
KAFB-106V2-252	SV2-252-212	4/20/2021	N	m- & p-Xylenes	260000		ug/m3	Y	650
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Carbon tetrachloride	< 790	U	ug/m3	N	340
KAFB-106V2-252	SV2-252-212	4/20/2021	N	2-Hexanone	< 790	U	ug/m3	N	310
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Ethanol	< 3800	U	ug/m3	N	1700
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Isopropyl alcohol	6300		ug/m3	Y	1000
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Acetone	81000		ug/m3	Y	5600

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Chloroform	< 790	U	ug/m3	N	330
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Benzene	2300	J	ug/m3	Y	360
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Chloromethane	< 1500	U	ug/m3	N	400
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Chloroethane	< 1500	U	ug/m3	N	310
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Vinyl chloride	< 790	U	ug/m3	N	260
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Methylene chloride	< 1500	U	ug/m3	N	700
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Carbon disulfide	< 2500	U	ug/m3	N	740
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Bromoform	< 1500	U	ug/m3	N	510
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Bromodichloromethane	< 790	U	ug/m3	N	360
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,1-Dichloroethane	< 1500	U	ug/m3	N	360
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Trichlorofluoromethane	< 1500	U	ug/m3	N	380
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Dichlorodifluoromethane	< 1500	U	ug/m3	N	400
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 790	U	ug/m3	N	350
KAFB-106V2-252	SV2-252-212	4/20/2021	N	2-Butanone	3800	J	ug/m3	Y	510
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Trichloroethene	< 790	U	ug/m3	N	330
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Naphthalene	890	J	ug/m3	Y	600
KAFB-106V2-252	SV2-252-212	4/20/2021	N	o-Xylene	74000		ug/m3	Y	360
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1,2,4-Trimethylbenzene	43000		ug/m3	Y	340
KAFB-106V2-252	SV2-252-212	4/20/2021	N	Toluene	510000		ug/m3	Y	900
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Ethylbenzene	200000		ug/m3	Y	630
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Styrene	< 2700	U	ug/m3	N	720
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,2-Dibromoethane	< 1400	U	ug/m3	N	520
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,3-Butadiene	< 2700	U	ug/m3	N	740
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,2-Dichloroethane	< 1400	U	ug/m3	N	500
KAFB-106V2-270	SV2-270-212	4/20/2021	N	4-Methyl-2-pentanone	4800	J	ug/m3	Y	610
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,3,5-Trimethylbenzene	30000		ug/m3	Y	650
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Tetrahydrofuran	< 1400	U	ug/m3	N	560
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Hexane	150000		ug/m3	Y	920
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Cyclohexane	250000		ug/m3	Y	1300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Propylene (propene)	4100	J	ug/m3	Y	1100
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 2700	U	ug/m3	N	1100
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,4-Dioxane	< 1400	U	ug/m3	N	530
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Dibromochloromethane	< 1400	U	ug/m3	N	590
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Tetrachloroethene	< 1400	U	ug/m3	N	580
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Xylenes, total	630000		ug/m3	Y	1200
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Ethyl acetate	< 5500	U	ug/m3	N	2400
KAFB-106V2-270	SV2-270-212	4/20/2021	N	n-Heptane	760000		ug/m3	Y	710
KAFB-106V2-270	SV2-270-212	4/20/2021	N	m- & p-Xylenes	490000		ug/m3	Y	1200
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Carbon tetrachloride	< 1400	U	ug/m3	N	620
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2-Hexanone	< 1400	U	ug/m3	N	550
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Ethanol	< 7000	U	ug/m3	N	3100
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Isopropyl alcohol	21000		ug/m3	Y	1800
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Acetone	530000		ug/m3	Y	10000
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Chloroform	< 1400	U	ug/m3	N	600
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Benzene	65000		ug/m3	Y	650
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Chloromethane	< 2700	U	ug/m3	N	720
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Chloroethane	< 2700	U	ug/m3	N	550
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Vinyl chloride	< 1400	U	ug/m3	N	480
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Methylene chloride	< 2700	U	ug/m3	N	1300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Carbon disulfide	< 4500	U	ug/m3	N	1300
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Bromoform	< 2700	U	ug/m3	N	920
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Bromodichloromethane	< 1400	U	ug/m3	N	650
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,1-Dichloroethane	< 2800	U	ug/m3	N	660
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Trichlorofluoromethane	< 2700	U	ug/m3	N	680
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Dichlorodifluoromethane	< 2700	U	ug/m3	N	730

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	U	ug/m3	N	640
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2-Butanone	52000		ug/m3	Y	920
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Trichloroethene	< 1400	U	ug/m3	N	600
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Naphthalene	1600	J	ug/m3	Y	1100
KAFB-106V2-270	SV2-270-212	4/20/2021	N	o-Xylene	140000		ug/m3	Y	650
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1,2,4-Trimethylbenzene	77000		ug/m3	Y	620
KAFB-106V2-270	SV2-270-212	4/20/2021	N	Toluene	900000		ug/m3	Y	1400
SVEW-01-260	SVE01-260-212	4/20/2021	N	Ethylbenzene	52		ug/m3	Y	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Styrene	< 4.6	U	ug/m3	N	1.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,2-Dibromoethane	< 2.4	U	ug/m3	N	0.88
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,3-Butadiene	< 4.6	U	ug/m3	N	1.3
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,2-Dichloroethane	< 2.4	U	ug/m3	N	0.84
SVEW-01-260	SVE01-260-212	4/20/2021	N	4-Methyl-2-pentanone	< 2.4	U	ug/m3	N	1
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,3,5-Trimethylbenzene	25		ug/m3	Y	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Toluene	500		ug/m3	Y	0.93
SVEW-01-260	SVE01-260-212	4/20/2021	N	Tetrahydrofuran	< 2.4	U	ug/m3	N	0.95
SVEW-01-260	SVE01-260-212	4/20/2021	N	Hexane	1100		ug/m3	Y	1.6
SVEW-01-260	SVE01-260-212	4/20/2021	N	Cyclohexane	850		ug/m3	Y	2.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Propylene (propene)	8.4		ug/m3	Y	1.9
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 4.6	U	ug/m3	N	1.9
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,4-Dioxane	< 2.4	U	ug/m3	N	0.9
SVEW-01-260	SVE01-260-212	4/20/2021	N	Dibromochloromethane	< 2.4	U	ug/m3	N	1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Tetrachloroethene	< 2.4	U	ug/m3	N	0.98
SVEW-01-260	SVE01-260-212	4/20/2021	N	Xylenes, total	150		ug/m3	Y	2
SVEW-01-260	SVE01-260-212	4/20/2021	N	Ethyl acetate	< 9.3	U	ug/m3	N	4
SVEW-01-260	SVE01-260-212	4/20/2021	N	n-Heptane	700		ug/m3	Y	1.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	m- & p-Xylenes	110		ug/m3	Y	2
SVEW-01-260	SVE01-260-212	4/20/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	2-Hexanone	< 2.4	U	ug/m3	N	0.94
SVEW-01-260	SVE01-260-212	4/20/2021	N	Ethanol	34	J	ug/m3	Y	5.3
SVEW-01-260	SVE01-260-212	4/20/2021	N	Isopropyl alcohol	54		ug/m3	Y	3.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Acetone	650		ug/m3	Y	17
SVEW-01-260	SVE01-260-212	4/20/2021	N	Chloroform	< 2.4	U	ug/m3	N	1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Benzene	270		ug/m3	Y	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Chloromethane	1.4	J	ug/m3	Y	1.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	Chloroethane	< 4.6	U	ug/m3	N	0.94
SVEW-01-260	SVE01-260-212	4/20/2021	N	Vinyl chloride	< 2.4	U	ug/m3	N	0.81
SVEW-01-260	SVE01-260-212	4/20/2021	N	Methylene chloride	< 4.6	U	ug/m3	N	2.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Carbon disulfide	< 7.7	U	ug/m3	N	2.3
SVEW-01-260	SVE01-260-212	4/20/2021	N	Bromoform	< 4.6	U	ug/m3	N	1.6
SVEW-01-260	SVE01-260-212	4/20/2021	N	Bromodichloromethane	< 2.4	U	ug/m3	N	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,1-Dichloroethane	< 4.7	U	ug/m3	N	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Trichlorofluoromethane	< 4.6	U	ug/m3	N	1.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	Dichlorodifluoromethane	2.1	J	ug/m3	Y	1.2
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2.4	U	ug/m3	N	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	2-Butanone	63		ug/m3	Y	1.6
SVEW-01-260	SVE01-260-212	4/20/2021	N	Trichloroethene	< 2.4	U	ug/m3	N	1
SVEW-01-260	SVE01-260-212	4/20/2021	N	Naphthalene	30		ug/m3	Y	1.9
SVEW-01-260	SVE01-260-212	4/20/2021	N	o-Xylene	38		ug/m3	Y	1.1
SVEW-01-260	SVE01-260-212	4/20/2021	N	1,2,4-Trimethylbenzene	83		ug/m3	Y	1.1
SVEW-02-060	SVE02-060-212	4/20/2021	N	Ethylbenzene	88000		ug/m3	Y	270
SVEW-02-060	SVE02-060-212	4/20/2021	N	Styrene	420	J	ug/m3	Y	310
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,2-Dibromoethane	< 610	U	ug/m3	N	220
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,3-Butadiene	< 1100	U	ug/m3	N	320
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,2-Dichloroethane	< 610	U	ug/m3	N	210

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-02-060	SVE02-060-212	4/20/2021	N	4-Methyl-2-pentanone	1800	J	ug/m3	Y	260
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,3,5-Trimethylbenzene	13000		ug/m3	Y	280
SVEW-02-060	SVE02-060-212	4/20/2021	N	Tetrahydrofuran	< 610	U	ug/m3	N	240
SVEW-02-060	SVE02-060-212	4/20/2021	N	Cyclohexane	510000		ug/m3	Y	540
SVEW-02-060	SVE02-060-212	4/20/2021	N	Propylene (propene)	2200		ug/m3	Y	470
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1100	U	ug/m3	N	470
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,4-Dioxane	< 610	U	ug/m3	N	230
SVEW-02-060	SVE02-060-212	4/20/2021	N	Dibromochloromethane	< 610	U	ug/m3	N	250
SVEW-02-060	SVE02-060-212	4/20/2021	N	Tetrachloroethene	280	J	ug/m3	Y	250
SVEW-02-060	SVE02-060-212	4/20/2021	N	Xylenes, total	240000		ug/m3	Y	500
SVEW-02-060	SVE02-060-212	4/20/2021	N	Ethyl acetate	< 2300	U	ug/m3	N	1000
SVEW-02-060	SVE02-060-212	4/20/2021	N	m- & p-Xylenes	170000		ug/m3	Y	500
SVEW-02-060	SVE02-060-212	4/20/2021	N	Carbon tetrachloride	< 610	U	ug/m3	N	260
SVEW-02-060	SVE02-060-212	4/20/2021	N	2-Hexanone	< 610	U	ug/m3	N	240
SVEW-02-060	SVE02-060-212	4/20/2021	N	Ethanol	1400	J	ug/m3	Y	1300
SVEW-02-060	SVE02-060-212	4/20/2021	N	Isopropyl alcohol	800	J	ug/m3	Y	790
SVEW-02-060	SVE02-060-212	4/20/2021	N	Acetone	210000		ug/m3	Y	4300
SVEW-02-060	SVE02-060-212	4/20/2021	N	Chloroform	< 610	U	ug/m3	N	250
SVEW-02-060	SVE02-060-212	4/20/2021	N	Benzene	150000		ug/m3	Y	280
SVEW-02-060	SVE02-060-212	4/20/2021	N	Chloromethane	< 1100	U	ug/m3	N	310
SVEW-02-060	SVE02-060-212	4/20/2021	N	Chloroethane	< 1100	U	ug/m3	N	240
SVEW-02-060	SVE02-060-212	4/20/2021	N	Vinyl chloride	< 610	U	ug/m3	N	200
SVEW-02-060	SVE02-060-212	4/20/2021	N	Methylene chloride	< 1100	U	ug/m3	N	540
SVEW-02-060	SVE02-060-212	4/20/2021	N	Carbon disulfide	4200		ug/m3	Y	570
SVEW-02-060	SVE02-060-212	4/20/2021	N	Bromoform	< 1100	U	ug/m3	N	390
SVEW-02-060	SVE02-060-212	4/20/2021	N	Bromodichloromethane	< 610	U	ug/m3	N	280
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,1-Dichloroethane	< 1200	U	ug/m3	N	280
SVEW-02-060	SVE02-060-212	4/20/2021	N	Trichlorofluoromethane	< 1100	U	ug/m3	N	290
SVEW-02-060	SVE02-060-212	4/20/2021	N	Dichlorodifluoromethane	< 1100	U	ug/m3	N	310
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 610	U	ug/m3	N	270
SVEW-02-060	SVE02-060-212	4/20/2021	N	2-Butanone	16000		ug/m3	Y	390
SVEW-02-060	SVE02-060-212	4/20/2021	N	Trichloroethene	< 610	U	ug/m3	N	260
SVEW-02-060	SVE02-060-212	4/20/2021	N	Naphthalene	790	J	ug/m3	Y	470
SVEW-02-060	SVE02-060-212	4/20/2021	N	o-Xylene	69000		ug/m3	Y	280
SVEW-02-060	SVE02-060-212	4/20/2021	N	1,2,4-Trimethylbenzene	28000		ug/m3	Y	260
SVEW-02-060	SVE02-060-212	4/20/2021	N	Toluene	480000		ug/m3	Y	1200
SVEW-02-060	SVE02-060-212	4/20/2021	N	Hexane	480000		ug/m3	Y	2000
SVEW-02-060	SVE02-060-212	4/20/2021	N	n-Heptane	470000		ug/m3	Y	1500
SVEW-03-160	SVE03-160-212	4/20/2021	N	Ethylbenzene	3400		ug/m3	Y	24
SVEW-03-160	SVE03-160-212	4/20/2021	N	Styrene	36	J	ug/m3	Y	28
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,2-Dibromoethane	< 55	U	ug/m3	N	20
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,3-Butadiene	< 100	U	ug/m3	N	28
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,2-Dichloroethane	< 55	U	ug/m3	N	19
SVEW-03-160	SVE03-160-212	4/20/2021	N	4-Methyl-2-pentanone	< 55	U	ug/m3	N	23
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,3,5-Trimethylbenzene	1400		ug/m3	Y	25
SVEW-03-160	SVE03-160-212	4/20/2021	N	Toluene	16000		ug/m3	Y	21
SVEW-03-160	SVE03-160-212	4/20/2021	N	Tetrahydrofuran	< 55	U	ug/m3	N	22
SVEW-03-160	SVE03-160-212	4/20/2021	N	Hexane	14000		ug/m3	Y	35
SVEW-03-160	SVE03-160-212	4/20/2021	N	Cyclohexane	14000		ug/m3	Y	48
SVEW-03-160	SVE03-160-212	4/20/2021	N	Propylene (propene)	96	J	ug/m3	Y	42
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 100	U	ug/m3	N	42
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,4-Dioxane	< 55	U	ug/m3	N	20
SVEW-03-160	SVE03-160-212	4/20/2021	N	Dibromochloromethane	< 55	U	ug/m3	N	23
SVEW-03-160	SVE03-160-212	4/20/2021	N	Tetrachloroethene	< 55	U	ug/m3	N	22
SVEW-03-160	SVE03-160-212	4/20/2021	N	Xylenes, total	12000		ug/m3	Y	45

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-03-160	SVE03-160-212	4/20/2021	N	Ethyl acetate	< 210	U	ug/m3	N	90
SVEW-03-160	SVE03-160-212	4/20/2021	N	n-Heptane	16000		ug/m3	Y	27
SVEW-03-160	SVE03-160-212	4/20/2021	N	m- & p-Xylenes	8100		ug/m3	Y	45
SVEW-03-160	SVE03-160-212	4/20/2021	N	Carbon tetrachloride	< 55	U	ug/m3	N	24
SVEW-03-160	SVE03-160-212	4/20/2021	N	2-Hexanone	< 55	U	ug/m3	N	21
SVEW-03-160	SVE03-160-212	4/20/2021	N	Ethanol	280	J	ug/m3	Y	120
SVEW-03-160	SVE03-160-212	4/20/2021	N	Isopropyl alcohol	580		ug/m3	Y	71
SVEW-03-160	SVE03-160-212	4/20/2021	N	Acetone	3600		ug/m3	Y	390
SVEW-03-160	SVE03-160-212	4/20/2021	N	Chloroform	< 55	U	ug/m3	N	23
SVEW-03-160	SVE03-160-212	4/20/2021	N	Benzene	4100		ug/m3	Y	25
SVEW-03-160	SVE03-160-212	4/20/2021	N	Chloromethane	< 100	U	ug/m3	N	28
SVEW-03-160	SVE03-160-212	4/20/2021	N	Chloroethane	< 100	U	ug/m3	N	21
SVEW-03-160	SVE03-160-212	4/20/2021	N	Vinyl chloride	< 55	U	ug/m3	N	18
SVEW-03-160	SVE03-160-212	4/20/2021	N	Methylene chloride	< 100	U	ug/m3	N	48
SVEW-03-160	SVE03-160-212	4/20/2021	N	Carbon disulfide	< 170	U	ug/m3	N	51
SVEW-03-160	SVE03-160-212	4/20/2021	N	Bromoform	< 100	U	ug/m3	N	35
SVEW-03-160	SVE03-160-212	4/20/2021	N	Bromodichloromethane	< 55	U	ug/m3	N	25
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,1-Dichloroethane	< 110	U	ug/m3	N	25
SVEW-03-160	SVE03-160-212	4/20/2021	N	Trichlorofluoromethane	< 100	U	ug/m3	N	26
SVEW-03-160	SVE03-160-212	4/20/2021	N	Dichlorodifluoromethane	< 100	U	ug/m3	N	28
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 55	U	ug/m3	N	24
SVEW-03-160	SVE03-160-212	4/20/2021	N	2-Butanone	310	J	ug/m3	Y	35
SVEW-03-160	SVE03-160-212	4/20/2021	N	Trichloroethene	< 55	U	ug/m3	N	23
SVEW-03-160	SVE03-160-212	4/20/2021	N	Naphthalene	370		ug/m3	Y	42
SVEW-03-160	SVE03-160-212	4/20/2021	N	o-Xylene	3500		ug/m3	Y	25
SVEW-03-160	SVE03-160-212	4/20/2021	N	1,2,4-Trimethylbenzene	3500		ug/m3	Y	24
SVEW-04-313	SVE04-313-212	4/20/2021	N	Ethylbenzene	340		ug/m3	Y	20
SVEW-04-313	SVE04-313-212	4/20/2021	N	Styrene	< 84	U	ug/m3	N	23
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,2-Dibromoethane	< 45	U	ug/m3	N	16
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,3-Butadiene	< 84	U	ug/m3	N	23
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,2-Dichloroethane	< 45	U	ug/m3	N	16
SVEW-04-313	SVE04-313-212	4/20/2021	N	4-Methyl-2-pentanone	< 45	U	ug/m3	N	19
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,3,5-Trimethylbenzene	940		ug/m3	Y	20
SVEW-04-313	SVE04-313-212	4/20/2021	N	Toluene	1600		ug/m3	Y	17
SVEW-04-313	SVE04-313-212	4/20/2021	N	Tetrahydrofuran	< 45	U	ug/m3	N	18
SVEW-04-313	SVE04-313-212	4/20/2021	N	Hexane	6300		ug/m3	Y	29
SVEW-04-313	SVE04-313-212	4/20/2021	N	Cyclohexane	17000		ug/m3	Y	39
SVEW-04-313	SVE04-313-212	4/20/2021	N	Propylene (propene)	66	J	ug/m3	Y	34
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 84	U	ug/m3	N	34
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,4-Dioxane	< 45	U	ug/m3	N	17
SVEW-04-313	SVE04-313-212	4/20/2021	N	Dibromochloromethane	< 45	U	ug/m3	N	18
SVEW-04-313	SVE04-313-212	4/20/2021	N	Tetrachloroethene	< 45	U	ug/m3	N	18
SVEW-04-313	SVE04-313-212	4/20/2021	N	Xylenes, total	2400		ug/m3	Y	37
SVEW-04-313	SVE04-313-212	4/20/2021	N	Ethyl acetate	< 170	U	ug/m3	N	74
SVEW-04-313	SVE04-313-212	4/20/2021	N	n-Heptane	4400		ug/m3	Y	22
SVEW-04-313	SVE04-313-212	4/20/2021	N	m- & p-Xylenes	1600		ug/m3	Y	37
SVEW-04-313	SVE04-313-212	4/20/2021	N	Carbon tetrachloride	< 45	U	ug/m3	N	19
SVEW-04-313	SVE04-313-212	4/20/2021	N	2-Hexanone	< 45	U	ug/m3	N	17
SVEW-04-313	SVE04-313-212	4/20/2021	N	Ethanol	< 220	U	ug/m3	N	97
SVEW-04-313	SVE04-313-212	4/20/2021	N	Isopropyl alcohol	< 170	U	ug/m3	N	58
SVEW-04-313	SVE04-313-212	4/20/2021	N	Acetone	< 710	U	ug/m3	N	320
SVEW-04-313	SVE04-313-212	4/20/2021	N	Chloroform	< 45	U	ug/m3	N	19
SVEW-04-313	SVE04-313-212	4/20/2021	N	Benzene	890		ug/m3	Y	20
SVEW-04-313	SVE04-313-212	4/20/2021	N	Chloromethane	< 84	U	ug/m3	N	23
SVEW-04-313	SVE04-313-212	4/20/2021	N	Chloroethane	43	J	ug/m3	Y	17

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-04-313	SVE04-313-212	4/20/2021	N	Vinyl chloride	< 45	U	ug/m3	N	15
SVEW-04-313	SVE04-313-212	4/20/2021	N	Methylene chloride	< 84	U	ug/m3	N	39
SVEW-04-313	SVE04-313-212	4/20/2021	N	Carbon disulfide	< 140	U	ug/m3	N	42
SVEW-04-313	SVE04-313-212	4/20/2021	N	Bromoform	< 84	U	ug/m3	N	29
SVEW-04-313	SVE04-313-212	4/20/2021	N	Bromodichloromethane	< 45	U	ug/m3	N	20
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,1-Dichloroethane	< 87	U	ug/m3	N	21
SVEW-04-313	SVE04-313-212	4/20/2021	N	Trichlorofluoromethane	< 84	U	ug/m3	N	21
SVEW-04-313	SVE04-313-212	4/20/2021	N	Dichlorodifluoromethane	< 84	U	ug/m3	N	23
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 45	U	ug/m3	N	20
SVEW-04-313	SVE04-313-212	4/20/2021	N	2-Butanone	32	J	ug/m3	Y	29
SVEW-04-313	SVE04-313-212	4/20/2021	N	Trichloroethene	< 45	U	ug/m3	N	19
SVEW-04-313	SVE04-313-212	4/20/2021	N	Naphthalene	140		ug/m3	Y	34
SVEW-04-313	SVE04-313-212	4/20/2021	N	o-Xylene	810		ug/m3	Y	20
SVEW-04-313	SVE04-313-212	4/20/2021	N	1,2,4-Trimethylbenzene	1400		ug/m3	Y	19
SVEW-05-460	SVE05-460-212	4/20/2021	N	Ethylbenzene	330		ug/m3	Y	14
SVEW-05-460	SVE05-460-212	4/20/2021	N	Styrene	< 61	U	ug/m3	N	16
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,2-Dibromoethane	< 32	U	ug/m3	N	12
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,3-Butadiene	< 61	U	ug/m3	N	17
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,2-Dichloroethane	< 32	U	ug/m3	N	11
SVEW-05-460	SVE05-460-212	4/20/2021	N	4-Methyl-2-pentanone	< 32	U	ug/m3	N	14
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,3,5-Trimethylbenzene	1300		ug/m3	Y	15
SVEW-05-460	SVE05-460-212	4/20/2021	N	Toluene	1600		ug/m3	Y	12
SVEW-05-460	SVE05-460-212	4/20/2021	N	Tetrahydrofuran	< 32	U	ug/m3	N	13
SVEW-05-460	SVE05-460-212	4/20/2021	N	Hexane	7600		ug/m3	Y	21
SVEW-05-460	SVE05-460-212	4/20/2021	N	Cyclohexane	19000		ug/m3	Y	29
SVEW-05-460	SVE05-460-212	4/20/2021	N	Propylene (propene)	74	J	ug/m3	Y	25
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 61	U	ug/m3	N	25
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,4-Dioxane	< 32	U	ug/m3	N	12
SVEW-05-460	SVE05-460-212	4/20/2021	N	Dibromochloromethane	< 32	U	ug/m3	N	13
SVEW-05-460	SVE05-460-212	4/20/2021	N	Tetrachloroethene	< 32	U	ug/m3	N	13
SVEW-05-460	SVE05-460-212	4/20/2021	N	Xylenes, total	2500		ug/m3	Y	27
SVEW-05-460	SVE05-460-212	4/20/2021	N	Ethyl acetate	< 120	U	ug/m3	N	53
SVEW-05-460	SVE05-460-212	4/20/2021	N	n-Heptane	5500		ug/m3	Y	16
SVEW-05-460	SVE05-460-212	4/20/2021	N	m- & p-Xylenes	1600		ug/m3	Y	27
SVEW-05-460	SVE05-460-212	4/20/2021	N	Carbon tetrachloride	< 32	U	ug/m3	N	14
SVEW-05-460	SVE05-460-212	4/20/2021	N	2-Hexanone	< 32	U	ug/m3	N	13
SVEW-05-460	SVE05-460-212	4/20/2021	N	Ethanol	< 160	U	ug/m3	N	70
SVEW-05-460	SVE05-460-212	4/20/2021	N	Isopropyl alcohol	< 120	U	ug/m3	N	42
SVEW-05-460	SVE05-460-212	4/20/2021	N	Acetone	< 510	U	ug/m3	N	230
SVEW-05-460	SVE05-460-212	4/20/2021	N	Chloroform	< 32	U	ug/m3	N	13
SVEW-05-460	SVE05-460-212	4/20/2021	N	Benzene	970		ug/m3	Y	15
SVEW-05-460	SVE05-460-212	4/20/2021	N	Chloromethane	< 61	U	ug/m3	N	16
SVEW-05-460	SVE05-460-212	4/20/2021	N	Chloroethane	52	J	ug/m3	Y	13
SVEW-05-460	SVE05-460-212	4/20/2021	N	Vinyl chloride	< 32	U	ug/m3	N	11
SVEW-05-460	SVE05-460-212	4/20/2021	N	Methylene chloride	< 61	U	ug/m3	N	29
SVEW-05-460	SVE05-460-212	4/20/2021	N	Carbon disulfide	< 100	U	ug/m3	N	30
SVEW-05-460	SVE05-460-212	4/20/2021	N	Bromoform	< 61	U	ug/m3	N	21
SVEW-05-460	SVE05-460-212	4/20/2021	N	Bromodichloromethane	< 32	U	ug/m3	N	15
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,1-Dichloroethane	< 63	U	ug/m3	N	15
SVEW-05-460	SVE05-460-212	4/20/2021	N	Trichlorofluoromethane	< 61	U	ug/m3	N	15
SVEW-05-460	SVE05-460-212	4/20/2021	N	Dichlorodifluoromethane	< 61	U	ug/m3	N	17
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	25	J	ug/m3	Y	14
SVEW-05-460	SVE05-460-212	4/20/2021	N	2-Butanone	32	J	ug/m3	Y	21
SVEW-05-460	SVE05-460-212	4/20/2021	N	Trichloroethene	< 32	U	ug/m3	N	14
SVEW-05-460	SVE05-460-212	4/20/2021	N	Naphthalene	140		ug/m3	Y	25

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-05-460	SVE05-460-212	4/20/2021	N	o-Xylene	890		ug/m3	Y	15
SVEW-05-460	SVE05-460-212	4/20/2021	N	1,2,4-Trimethylbenzene	1400		ug/m3	Y	14
SVEW-10-410	SVE10-410-212	4/19/2021	N	Ethylbenzene	60		ug/m3	Y	1.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	Styrene	< 8.2	U	ug/m3	N	2.2
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,2-Dibromoethane	< 4.4	U	ug/m3	N	1.6
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,3-Butadiene	< 8.2	U	ug/m3	N	2.3
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,2-Dichloroethane	< 4.4	U	ug/m3	N	1.5
SVEW-10-410	SVE10-410-212	4/19/2021	N	4-Methyl-2-pentanone	< 4.4	U	ug/m3	N	1.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,3,5-Trimethylbenzene	5.6	J	ug/m3	Y	2
SVEW-10-410	SVE10-410-212	4/19/2021	N	Toluene	2600		ug/m3	Y	1.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Tetrahydrofuran	73		ug/m3	Y	1.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Hexane	160		ug/m3	Y	2.8
SVEW-10-410	SVE10-410-212	4/19/2021	N	Cyclohexane	30		ug/m3	Y	3.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	Propylene (propene)	11	J	ug/m3	Y	3.3
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 8.2	U	ug/m3	N	3.3
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,4-Dioxane	< 4.4	U	ug/m3	N	1.6
SVEW-10-410	SVE10-410-212	4/19/2021	N	Dibromochloromethane	< 4.4	U	ug/m3	N	1.8
SVEW-10-410	SVE10-410-212	4/19/2021	N	Tetrachloroethene	7.8	J	ug/m3	Y	1.8
SVEW-10-410	SVE10-410-212	4/19/2021	N	Xylenes, total	290		ug/m3	Y	3.6
SVEW-10-410	SVE10-410-212	4/19/2021	N	Ethyl acetate	< 17	U	ug/m3	N	7.2
SVEW-10-410	SVE10-410-212	4/19/2021	N	n-Heptane	63		ug/m3	Y	2.2
SVEW-10-410	SVE10-410-212	4/19/2021	N	m- & p-Xylenes	230		ug/m3	Y	3.6
SVEW-10-410	SVE10-410-212	4/19/2021	N	Carbon tetrachloride	5.1	J	ug/m3	Y	1.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	2-Hexanone	< 4.4	U	ug/m3	N	1.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Ethanol	21	J	ug/m3	Y	9.5
SVEW-10-410	SVE10-410-212	4/19/2021	N	Isopropyl alcohol	26	J	ug/m3	Y	5.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Acetone	< 69	U	ug/m3	N	31
SVEW-10-410	SVE10-410-212	4/19/2021	N	Chloroform	3	J	ug/m3	Y	1.8
SVEW-10-410	SVE10-410-212	4/19/2021	N	Benzene	500		ug/m3	Y	2
SVEW-10-410	SVE10-410-212	4/19/2021	N	Chloromethane	43		ug/m3	Y	2.2
SVEW-10-410	SVE10-410-212	4/19/2021	N	Chloroethane	< 8.2	U	ug/m3	N	1.7
SVEW-10-410	SVE10-410-212	4/19/2021	N	Vinyl chloride	3.2	J	ug/m3	Y	1.5
SVEW-10-410	SVE10-410-212	4/19/2021	N	Methylene chloride	< 8.2	U	ug/m3	N	3.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	Carbon disulfide	45		ug/m3	Y	4.1
SVEW-10-410	SVE10-410-212	4/19/2021	N	Bromoform	< 8.2	U	ug/m3	N	2.8
SVEW-10-410	SVE10-410-212	4/19/2021	N	Bromodichloromethane	< 4.4	U	ug/m3	N	2
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,1-Dichloroethane	< 8.5	U	ug/m3	N	2
SVEW-10-410	SVE10-410-212	4/19/2021	N	Trichlorofluoromethane	< 8.2	U	ug/m3	N	2.1
SVEW-10-410	SVE10-410-212	4/19/2021	N	Dichlorodifluoromethane	3.2	J	ug/m3	Y	2.2
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	280		ug/m3	Y	2
SVEW-10-410	SVE10-410-212	4/19/2021	N	2-Butanone	8.1	J	ug/m3	Y	2.8
SVEW-10-410	SVE10-410-212	4/19/2021	N	Trichloroethene	20		ug/m3	Y	1.9
SVEW-10-410	SVE10-410-212	4/19/2021	N	Naphthalene	< 8	U	ug/m3	N	3.3
SVEW-10-410	SVE10-410-212	4/19/2021	N	o-Xylene	57		ug/m3	Y	2
SVEW-10-410	SVE10-410-212	4/19/2021	N	1,2,4-Trimethylbenzene	7	J	ug/m3	Y	1.9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Ethylbenzene	56		ug/m3	Y	2.1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Styrene	< 9.1	U	ug/m3	N	2.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,2-Dibromoethane	< 4.9	U	ug/m3	N	1.8
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,3-Butadiene	< 9.1	U	ug/m3	N	2.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,2-Dichloroethane	< 4.9	U	ug/m3	N	1.7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4-Methyl-2-pentanone	< 4.9	U	ug/m3	N	2.1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,3,5-Trimethylbenzene	5.3	J	ug/m3	Y	2.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Toluene	2500		ug/m3	Y	1.9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Tetrahydrofuran	75		ug/m3	Y	1.9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Hexane	150		ug/m3	Y	3.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Cyclohexane	28	J	ug/m3	Y	4.3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Propylene (propene)	11	J	ug/m3	Y	3.7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 9.1	U	ug/m3	N	3.7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,4-Dioxane	< 4.9	U	ug/m3	N	1.8
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Dibromochloromethane	< 4.9	U	ug/m3	N	2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Tetrachloroethene	7.5	J	ug/m3	Y	2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Xylenes, total	270		ug/m3	Y	4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Ethyl acetate	< 19	U	ug/m3	N	8
SVEW-10-410	SVE10-410-612	4/19/2021	FD	n-Heptane	59		ug/m3	Y	2.4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	m- & p-Xylenes	210		ug/m3	Y	4
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Carbon tetrachloride	5.1	J	ug/m3	Y	2.1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	2-Hexanone	< 4.9	U	ug/m3	N	1.9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Ethanol	20	J	ug/m3	Y	11
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Isopropyl alcohol	< 18	U	ug/m3	N	6.3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Acetone	< 77	U	ug/m3	N	34
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Chloroform	2.7	J	ug/m3	Y	2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Benzene	470		ug/m3	Y	2.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Chloromethane	43		ug/m3	Y	2.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Chloroethane	< 9.1	U	ug/m3	N	1.9
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Vinyl chloride	3.2	J	ug/m3	Y	1.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Methylene chloride	< 9.1	U	ug/m3	N	4.3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Carbon disulfide	39		ug/m3	Y	4.6
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Bromoform	< 9.1	U	ug/m3	N	3.1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Bromodichloromethane	< 4.9	U	ug/m3	N	2.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,1-Dichloroethane	< 9.4	U	ug/m3	N	2.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Trichlorofluoromethane	< 9.1	U	ug/m3	N	2.3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Dichlorodifluoromethane	3.1	J	ug/m3	Y	2.5
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	270		ug/m3	Y	2.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	2-Butanone	6.2	J	ug/m3	Y	3.1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Trichloroethene	19		ug/m3	Y	2.1
SVEW-10-410	SVE10-410-612	4/19/2021	FD	Naphthalene	< 8.9	U	ug/m3	N	3.7
SVEW-10-410	SVE10-410-612	4/19/2021	FD	o-Xylene	53		ug/m3	Y	2.2
SVEW-10-410	SVE10-410-612	4/19/2021	FD	1,2,4-Trimethylbenzene	6.3	J	ug/m3	Y	2.1
SVEW-11-410	SVE11-410-212	4/20/2021	N	Ethylbenzene	510		ug/m3	Y	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	Styrene	< 55	U	ug/m3	N	15
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,2-Dibromoethane	< 29	U	ug/m3	N	11
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,3-Butadiene	< 55	U	ug/m3	N	15
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,2-Dichloroethane	< 29	U	ug/m3	N	10
SVEW-11-410	SVE11-410-212	4/20/2021	N	4-Methyl-2-pentanone	< 29	U	ug/m3	N	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,3,5-Trimethylbenzene	490		ug/m3	Y	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	Toluene	8300		ug/m3	Y	11
SVEW-11-410	SVE11-410-212	4/20/2021	N	Tetrahydrofuran	17	J	ug/m3	Y	12
SVEW-11-410	SVE11-410-212	4/20/2021	N	Hexane	6300		ug/m3	Y	19
SVEW-11-410	SVE11-410-212	4/20/2021	N	Cyclohexane	27000		ug/m3	Y	26
SVEW-11-410	SVE11-410-212	4/20/2021	N	Propylene (propene)	300		ug/m3	Y	22
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 55	U	ug/m3	N	22
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,4-Dioxane	< 29	U	ug/m3	N	11
SVEW-11-410	SVE11-410-212	4/20/2021	N	Dibromochloromethane	< 29	U	ug/m3	N	12
SVEW-11-410	SVE11-410-212	4/20/2021	N	Tetrachloroethene	< 29	U	ug/m3	N	12
SVEW-11-410	SVE11-410-212	4/20/2021	N	Xylenes, total	7900		ug/m3	Y	24
SVEW-11-410	SVE11-410-212	4/20/2021	N	Ethyl acetate	< 110	U	ug/m3	N	48
SVEW-11-410	SVE11-410-212	4/20/2021	N	n-Heptane	4600		ug/m3	Y	15
SVEW-11-410	SVE11-410-212	4/20/2021	N	m- & p-Xylenes	5700		ug/m3	Y	24
SVEW-11-410	SVE11-410-212	4/20/2021	N	Carbon tetrachloride	< 29	U	ug/m3	N	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	2-Hexanone	< 29	U	ug/m3	N	11

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-11-410	SVE11-410-212	4/20/2021	N	Ethanol	< 140	U	ug/m3	N	64
SVEW-11-410	SVE11-410-212	4/20/2021	N	Isopropyl alcohol	< 110	U	ug/m3	N	38
SVEW-11-410	SVE11-410-212	4/20/2021	N	Acetone	< 460	U	ug/m3	N	210
SVEW-11-410	SVE11-410-212	4/20/2021	N	Chloroform	< 29	U	ug/m3	N	12
SVEW-11-410	SVE11-410-212	4/20/2021	N	Benzene	5600		ug/m3	Y	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	Chloromethane	< 55	U	ug/m3	N	15
SVEW-11-410	SVE11-410-212	4/20/2021	N	Chloroethane	< 55	U	ug/m3	N	11
SVEW-11-410	SVE11-410-212	4/20/2021	N	Vinyl chloride	< 29	U	ug/m3	N	9.8
SVEW-11-410	SVE11-410-212	4/20/2021	N	Methylene chloride	< 55	U	ug/m3	N	26
SVEW-11-410	SVE11-410-212	4/20/2021	N	Carbon disulfide	< 93	U	ug/m3	N	28
SVEW-11-410	SVE11-410-212	4/20/2021	N	Bromoform	< 55	U	ug/m3	N	19
SVEW-11-410	SVE11-410-212	4/20/2021	N	Bromodichloromethane	< 29	U	ug/m3	N	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,1-Dichloroethane	< 57	U	ug/m3	N	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	Trichlorofluoromethane	< 55	U	ug/m3	N	14
SVEW-11-410	SVE11-410-212	4/20/2021	N	Dichlorodifluoromethane	< 55	U	ug/m3	N	15
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 29	U	ug/m3	N	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	2-Butanone	< 55	U	ug/m3	N	19
SVEW-11-410	SVE11-410-212	4/20/2021	N	Trichloroethene	< 29	U	ug/m3	N	12
SVEW-11-410	SVE11-410-212	4/20/2021	N	Naphthalene	< 53	U	ug/m3	N	22
SVEW-11-410	SVE11-410-212	4/20/2021	N	o-Xylene	2200		ug/m3	Y	13
SVEW-11-410	SVE11-410-212	4/20/2021	N	1,2,4-Trimethylbenzene	440		ug/m3	Y	13
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Ethylbenzene	480		ug/m3	Y	14
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Styrene	< 60	U	ug/m3	N	16
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,2-Dibromoethane	< 32	U	ug/m3	N	12
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,3-Butadiene	< 60	U	ug/m3	N	17
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,2-Dichloroethane	< 32	U	ug/m3	N	11
SVEW-11-410	SVE11-410-612	4/20/2021	FD	4-Methyl-2-pentanone	< 32	U	ug/m3	N	14
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,3,5-Trimethylbenzene	430		ug/m3	Y	15
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Toluene	7900		ug/m3	Y	12
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Tetrahydrofuran	< 32	U	ug/m3	N	13
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Hexane	5800		ug/m3	Y	21
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Cyclohexane	26000		ug/m3	Y	28
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Propylene (propene)	280		ug/m3	Y	25
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,2,4-Trichlorobenzene	< 60	U	ug/m3	N	25
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,4-Dioxane	< 32	U	ug/m3	N	12
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Dibromochloromethane	< 32	U	ug/m3	N	13
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Tetrachloroethene	< 32	U	ug/m3	N	13
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Xylenes, total	7400		ug/m3	Y	26
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Ethyl acetate	68	J	ug/m3	Y	53
SVEW-11-410	SVE11-410-612	4/20/2021	FD	n-Heptane	4300		ug/m3	Y	16
SVEW-11-410	SVE11-410-612	4/20/2021	FD	m- & p-Xylenes	5400		ug/m3	Y	26
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Carbon tetrachloride	< 32	U	ug/m3	N	14
SVEW-11-410	SVE11-410-612	4/20/2021	FD	2-Hexanone	< 32	U	ug/m3	N	12
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Ethanol	< 160	U	ug/m3	N	70
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Isopropyl alcohol	< 120	U	ug/m3	N	42
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Acetone	< 510	U	ug/m3	N	230
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Chloroform	< 32	U	ug/m3	N	13
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Benzene	5200		ug/m3	Y	15
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Chloromethane	< 60	U	ug/m3	N	16
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Chloroethane	< 60	U	ug/m3	N	12
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Vinyl chloride	< 32	U	ug/m3	N	11
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Methylene chloride	< 60	U	ug/m3	N	28
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Carbon disulfide	< 100	U	ug/m3	N	30
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Bromoform	< 60	U	ug/m3	N	21
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Bromodichloromethane	< 32	U	ug/m3	N	15

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,1-Dichloroethane	< 62	U	ug/m3	N	15
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Trichlorofluoromethane	< 60	U	ug/m3	N	15
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Dichlorodifluoromethane	< 60	U	ug/m3	N	16
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 32	U	ug/m3	N	14
SVEW-11-410	SVE11-410-612	4/20/2021	FD	2-Butanone	< 60	U	ug/m3	N	21
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Trichloroethene	< 32	U	ug/m3	N	14
SVEW-11-410	SVE11-410-612	4/20/2021	FD	Naphthalene	< 59	U	ug/m3	N	25
SVEW-11-410	SVE11-410-612	4/20/2021	FD	o-Xylene	2000		ug/m3	Y	15
SVEW-11-410	SVE11-410-612	4/20/2021	FD	1,2,4-Trimethylbenzene	380		ug/m3	Y	14
SVEW-13-410	SVE13-410-212	4/19/2021	N	Ethylbenzene	2700		ug/m3	Y	260
SVEW-13-410	SVE13-410-212	4/19/2021	N	Styrene	< 1100	U	ug/m3	N	300
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,2-Dibromoethane	< 600	U	ug/m3	N	220
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,3-Butadiene	< 1100	U	ug/m3	N	310
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,2-Dichloroethane	< 600	U	ug/m3	N	210
SVEW-13-410	SVE13-410-212	4/19/2021	N	4-Methyl-2-pentanone	< 600	U	ug/m3	N	260
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,3,5-Trimethylbenzene	2200		ug/m3	Y	270
SVEW-13-410	SVE13-410-212	4/19/2021	N	Toluene	30000		ug/m3	Y	230
SVEW-13-410	SVE13-410-212	4/19/2021	N	Tetrahydrofuran	< 600	U	ug/m3	N	240
SVEW-13-410	SVE13-410-212	4/19/2021	N	Hexane	210000		ug/m3	Y	390
SVEW-13-410	SVE13-410-212	4/19/2021	N	Cyclohexane	310000		ug/m3	Y	530
SVEW-13-410	SVE13-410-212	4/19/2021	N	Propylene (propene)	< 1100	U	ug/m3	N	460
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1100	U	ug/m3	N	460
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,4-Dioxane	< 600	U	ug/m3	N	220
SVEW-13-410	SVE13-410-212	4/19/2021	N	Dibromochloromethane	< 600	U	ug/m3	N	250
SVEW-13-410	SVE13-410-212	4/19/2021	N	Tetrachloroethene	< 600	U	ug/m3	N	240
SVEW-13-410	SVE13-410-212	4/19/2021	N	Xylenes, total	12000		ug/m3	Y	490
SVEW-13-410	SVE13-410-212	4/19/2021	N	Ethyl acetate	< 2300	U	ug/m3	N	990
SVEW-13-410	SVE13-410-212	4/19/2021	N	n-Heptane	220000		ug/m3	Y	300
SVEW-13-410	SVE13-410-212	4/19/2021	N	m- & p-Xylenes	6200		ug/m3	Y	490
SVEW-13-410	SVE13-410-212	4/19/2021	N	Carbon tetrachloride	< 600	U	ug/m3	N	260
SVEW-13-410	SVE13-410-212	4/19/2021	N	2-Hexanone	< 600	U	ug/m3	N	230
SVEW-13-410	SVE13-410-212	4/19/2021	N	Ethanol	< 2900	U	ug/m3	N	1300
SVEW-13-410	SVE13-410-212	4/19/2021	N	Isopropyl alcohol	< 2200	U	ug/m3	N	770
SVEW-13-410	SVE13-410-212	4/19/2021	N	Acetone	< 9500	U	ug/m3	N	4200
SVEW-13-410	SVE13-410-212	4/19/2021	N	Chloroform	< 600	U	ug/m3	N	250
SVEW-13-410	SVE13-410-212	4/19/2021	N	Benzene	25000		ug/m3	Y	270
SVEW-13-410	SVE13-410-212	4/19/2021	N	Chloromethane	< 1100	U	ug/m3	N	300
SVEW-13-410	SVE13-410-212	4/19/2021	N	Chloroethane	< 1100	U	ug/m3	N	230
SVEW-13-410	SVE13-410-212	4/19/2021	N	Vinyl chloride	< 600	U	ug/m3	N	200
SVEW-13-410	SVE13-410-212	4/19/2021	N	Methylene chloride	< 1100	U	ug/m3	N	530
SVEW-13-410	SVE13-410-212	4/19/2021	N	Carbon disulfide	< 1900	U	ug/m3	N	560
SVEW-13-410	SVE13-410-212	4/19/2021	N	Bromoform	< 1100	U	ug/m3	N	390
SVEW-13-410	SVE13-410-212	4/19/2021	N	Bromodichloromethane	< 600	U	ug/m3	N	270
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,1-Dichloroethane	< 1200	U	ug/m3	N	270
SVEW-13-410	SVE13-410-212	4/19/2021	N	Trichlorofluoromethane	< 1100	U	ug/m3	N	290
SVEW-13-410	SVE13-410-212	4/19/2021	N	Dichlorodifluoromethane	< 1100	U	ug/m3	N	310
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 600	U	ug/m3	N	270
SVEW-13-410	SVE13-410-212	4/19/2021	N	2-Butanone	< 1100	U	ug/m3	N	390
SVEW-13-410	SVE13-410-212	4/19/2021	N	Trichloroethene	< 600	U	ug/m3	N	250
SVEW-13-410	SVE13-410-212	4/19/2021	N	Naphthalene	< 1100	U	ug/m3	N	460
SVEW-13-410	SVE13-410-212	4/19/2021	N	o-Xylene	5500		ug/m3	Y	270
SVEW-13-410	SVE13-410-212	4/19/2021	N	1,2,4-Trimethylbenzene	5000		ug/m3	Y	260
SVMW-03-050	SV03-050-212	4/5/2021	N	Ethylbenzene	490	J	ug/m3	Y	280
SVMW-03-050	SV03-050-212	4/5/2021	N	Styrene	< 1200	U	ug/m3	N	320
SVMW-03-050	SV03-050-212	4/5/2021	N	1,2-Dibromoethane	< 630	U	ug/m3	N	230

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-03-050	SV03-050-212	4/5/2021	N	1,3-Butadiene	< 1200	U	ug/m3	N	330
SVMW-03-050	SV03-050-212	4/5/2021	N	1,2-Dichloroethane	< 630	U	ug/m3	N	220
SVMW-03-050	SV03-050-212	4/5/2021	N	4-Methyl-2-pentanone	< 630	U	ug/m3	N	270
SVMW-03-050	SV03-050-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 630	U	ug/m3	N	290
SVMW-03-050	SV03-050-212	4/5/2021	N	Toluene	< 630	U	ug/m3	N	240
SVMW-03-050	SV03-050-212	4/5/2021	N	Tetrahydrofuran	< 630	U	ug/m3	N	250
SVMW-03-050	SV03-050-212	4/5/2021	N	Hexane	51000		ug/m3	Y	410
SVMW-03-050	SV03-050-212	4/5/2021	N	Cyclohexane	220000		ug/m3	Y	560
SVMW-03-050	SV03-050-212	4/5/2021	N	Propylene (propene)	590	J	ug/m3	Y	490
SVMW-03-050	SV03-050-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 1200	U	ug/m3	N	490
SVMW-03-050	SV03-050-212	4/5/2021	N	1,4-Dioxane	< 630	U	ug/m3	N	240
SVMW-03-050	SV03-050-212	4/5/2021	N	Dibromochloromethane	< 630	U	ug/m3	N	260
SVMW-03-050	SV03-050-212	4/5/2021	N	Tetrachloroethene	< 630	U	ug/m3	N	260
SVMW-03-050	SV03-050-212	4/5/2021	N	Xylenes, total	2300	J	ug/m3	Y	520
SVMW-03-050	SV03-050-212	4/5/2021	N	Ethyl acetate	< 2400	U	ug/m3	N	1000
SVMW-03-050	SV03-050-212	4/5/2021	N	n-Heptane	38000		ug/m3	Y	320
SVMW-03-050	SV03-050-212	4/5/2021	N	m- & p-Xylenes	1700	J	ug/m3	Y	520
SVMW-03-050	SV03-050-212	4/5/2021	N	Carbon tetrachloride	< 630	U	ug/m3	N	280
SVMW-03-050	SV03-050-212	4/5/2021	N	2-Hexanone	< 630	U	ug/m3	N	250
SVMW-03-050	SV03-050-212	4/5/2021	N	Ethanol	6600	J	ug/m3	Y	1400
SVMW-03-050	SV03-050-212	4/5/2021	N	Isopropyl alcohol	880	J	ug/m3	Y	820
SVMW-03-050	SV03-050-212	4/5/2021	N	Acetone	< 10000	U	ug/m3	N	4500
SVMW-03-050	SV03-050-212	4/5/2021	N	Chloroform	< 630	U	ug/m3	N	270
SVMW-03-050	SV03-050-212	4/5/2021	N	Benzene	6900		ug/m3	Y	290
SVMW-03-050	SV03-050-212	4/5/2021	N	Chloromethane	< 1200	U	ug/m3	N	320
SVMW-03-050	SV03-050-212	4/5/2021	N	Chloroethane	< 1200	U	ug/m3	N	250
SVMW-03-050	SV03-050-212	4/5/2021	N	Vinyl chloride	< 630	U	ug/m3	N	210
SVMW-03-050	SV03-050-212	4/5/2021	N	Methylene chloride	< 1200	U	ug/m3	N	560
SVMW-03-050	SV03-050-212	4/5/2021	N	Carbon disulfide	< 2000	U	ug/m3	N	600
SVMW-03-050	SV03-050-212	4/5/2021	N	Bromoform	< 1200	U	ug/m3	N	410
SVMW-03-050	SV03-050-212	4/5/2021	N	Bromodichloromethane	< 630	U	ug/m3	N	290
SVMW-03-050	SV03-050-212	4/5/2021	N	1,1-Dichloroethane	< 1200	U	ug/m3	N	290
SVMW-03-050	SV03-050-212	4/5/2021	N	Trichlorofluoromethane	< 1200	U	ug/m3	N	300
SVMW-03-050	SV03-050-212	4/5/2021	N	Dichlorodifluoromethane	< 1200	U	ug/m3	N	320
SVMW-03-050	SV03-050-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 630	U	ug/m3	N	280
SVMW-03-050	SV03-050-212	4/5/2021	N	2-Butanone	570	J	ug/m3	Y	410
SVMW-03-050	SV03-050-212	4/5/2021	N	Trichloroethene	< 630	U	ug/m3	N	270
SVMW-03-050	SV03-050-212	4/5/2021	N	Naphthalene	< 1200	U	ug/m3	N	490
SVMW-03-050	SV03-050-212	4/5/2021	N	o-Xylene	570	J	ug/m3	Y	290
SVMW-03-050	SV03-050-212	4/5/2021	N	1,2,4-Trimethylbenzene	440	J	ug/m3	Y	280
KAFB-106138-150	SV138-150-212	4/6/2021	N	Ethylbenzene	< 0.78	U	ug/m3	N	0.34
KAFB-106138-150	SV138-150-212	4/6/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106138-150	SV138-150-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.33
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.78	U	ug/m3	N	0.35
KAFB-106138-150	SV138-150-212	4/6/2021	N	Toluene	1.1	J	ug/m3	Y	0.3
KAFB-106138-150	SV138-150-212	4/6/2021	N	Tetrahydrofuran	0.51	J	ug/m3	Y	0.31
KAFB-106138-150	SV138-150-212	4/6/2021	N	Hexane	< 1.5	U	ug/m3	N	0.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106138-150	SV138-150-212	4/6/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.59
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,4-Dioxane	0.79	J	ug/m3	Y	0.29
KAFB-106138-150	SV138-150-212	4/6/2021	N	Dibromochloromethane	0.61	J	ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106138-150	SV138-150-212	4/6/2021	N	Tetrachloroethene	1.2	J	ug/m3	Y	0.32
KAFB-106138-150	SV138-150-212	4/6/2021	N	Xylenes, total	0.87	J	ug/m3	Y	0.64
KAFB-106138-150	SV138-150-212	4/6/2021	N	Ethyl acetate	1.4	J	ug/m3	Y	1.3
KAFB-106138-150	SV138-150-212	4/6/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.39
KAFB-106138-150	SV138-150-212	4/6/2021	N	m- & p-Xylenes	0.87	J	ug/m3	Y	0.64
KAFB-106138-150	SV138-150-212	4/6/2021	N	Carbon tetrachloride	3.2		ug/m3	Y	0.34
KAFB-106138-150	SV138-150-212	4/6/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
KAFB-106138-150	SV138-150-212	4/6/2021	N	Ethanol	5.5	J	ug/m3	Y	1.7
KAFB-106138-150	SV138-150-212	4/6/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106138-150	SV138-150-212	4/6/2021	N	Acetone	7	J	ug/m3	Y	5.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	Chloroform	39		ug/m3	Y	0.32
KAFB-106138-150	SV138-150-212	4/6/2021	N	Benzene	0.67	J	ug/m3	Y	0.35
KAFB-106138-150	SV138-150-212	4/6/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
KAFB-106138-150	SV138-150-212	4/6/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106138-150	SV138-150-212	4/6/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106138-150	SV138-150-212	4/6/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106138-150	SV138-150-212	4/6/2021	N	Carbon disulfide	8.5	J	ug/m3	Y	0.73
KAFB-106138-150	SV138-150-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	Bromodichloromethane	7.4		ug/m3	Y	0.35
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106138-150	SV138-150-212	4/6/2021	N	Trichlorofluoromethane	21		ug/m3	Y	0.37
KAFB-106138-150	SV138-150-212	4/6/2021	N	Dichlorodifluoromethane	6.1		ug/m3	Y	0.4
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6		ug/m3	Y	0.35
KAFB-106138-150	SV138-150-212	4/6/2021	N	2-Butanone	1.1	J	ug/m3	Y	0.5
KAFB-106138-150	SV138-150-212	4/6/2021	N	Trichloroethene	4.2		ug/m3	Y	0.33
KAFB-106138-150	SV138-150-212	4/6/2021	N	Naphthalene	1	J	ug/m3	Y	0.59
KAFB-106138-150	SV138-150-212	4/6/2021	N	o-Xylene	< 0.78	U	ug/m3	N	0.35
KAFB-106138-150	SV138-150-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.5	J	ug/m3	Y	0.34
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Ethylbenzene	1.6	J	ug/m3	Y	0.47
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Styrene	< 2	U	ug/m3	N	0.54
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,2-Dibromoethane	< 1.1	U	ug/m3	N	0.39
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,3-Butadiene	< 2	U	ug/m3	N	0.55
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,2-Dichloroethane	< 1.1	U	ug/m3	N	0.37
KAFB-106138-150	SV138-150-612	4/6/2021	FD	4-Methyl-2-pentanone	0.5	J	ug/m3	Y	0.46
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,3,5-Trimethylbenzene	1.9	J	ug/m3	Y	0.49
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Toluene	70	J	ug/m3	Y	0.41
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Tetrahydrofuran	3.1	J	ug/m3	Y	0.42
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Hexane	0.69	J	ug/m3	Y	0.69
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Cyclohexane	< 2.1	U	ug/m3	N	0.95
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Propylene (propene)	2.9	J	ug/m3	Y	0.82
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,2,4-Trichlorobenzene	< 2	U	ug/m3	N	0.82
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,4-Dioxane	< 1.1	U	ug/m3	N	0.4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Dibromochloromethane	0.66	J	ug/m3	Y	0.44
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Tetrachloroethene	1.1	J	ug/m3	Y	0.43
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Xylenes, total	11		ug/m3	Y	0.88
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Ethyl acetate	3.2	J	ug/m3	Y	1.8
KAFB-106138-150	SV138-150-612	4/6/2021	FD	n-Heptane	0.98	J	ug/m3	Y	0.54
KAFB-106138-150	SV138-150-612	4/6/2021	FD	m- & p-Xylenes	9		ug/m3	Y	0.88
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Carbon tetrachloride	3.1	J	ug/m3	Y	0.47
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2-Hexanone	1.6	J	ug/m3	Y	0.42
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Ethanol	13	J	ug/m3	Y	2.3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Isopropyl alcohol	3.5	J	ug/m3	Y	1.4
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Acetone	58		ug/m3	Y	7.6
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Chloroform	38		ug/m3	Y	0.45
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Benzene	1	J	ug/m3	Y	0.49

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Chloromethane	< 2	U	ug/m3	N	0.54
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Chloroethane	< 2	U	ug/m3	N	0.42
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Vinyl chloride	< 1.1	U	ug/m3	N	0.36
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Methylene chloride	< 2	U	ug/m3	N	0.95
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Carbon disulfide	51	J	ug/m3	Y	1
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Bromoform	< 2	U	ug/m3	N	0.69
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Bromodichloromethane	7.2		ug/m3	Y	0.49
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,1-Dichloroethane	< 2.1	U	ug/m3	N	0.49
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Trichlorofluoromethane	20		ug/m3	Y	0.51
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Dichlorodifluoromethane	6		ug/m3	Y	0.55
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	6.4		ug/m3	Y	0.48
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2-Butanone	8.3		ug/m3	Y	0.69
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Trichloroethene	4.1		ug/m3	Y	0.45
KAFB-106138-150	SV138-150-612	4/6/2021	FD	Naphthalene	3	J	ug/m3	Y	0.82
KAFB-106138-150	SV138-150-612	4/6/2021	FD	o-Xylene	2.1	J	ug/m3	Y	0.49
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.47
KAFB-106138-250	SV138-250-212	4/6/2021	N	Ethylbenzene	0.4	J	ug/m3	Y	0.38
KAFB-106138-250	SV138-250-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106138-250	SV138-250-212	4/6/2021	N	4-Methyl-2-pentanone	0.49	J	ug/m3	Y	0.37
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
KAFB-106138-250	SV138-250-212	4/6/2021	N	Toluene	4		ug/m3	Y	0.33
KAFB-106138-250	SV138-250-212	4/6/2021	N	Tetrahydrofuran	0.71	J	ug/m3	Y	0.34
KAFB-106138-250	SV138-250-212	4/6/2021	N	Hexane	1.4	J	ug/m3	Y	0.56
KAFB-106138-250	SV138-250-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.76
KAFB-106138-250	SV138-250-212	4/6/2021	N	Propylene (propene)	3.5		ug/m3	Y	0.66
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
KAFB-106138-250	SV138-250-212	4/6/2021	N	Dibromochloromethane	2.5	J	ug/m3	Y	0.35
KAFB-106138-250	SV138-250-212	4/6/2021	N	Tetrachloroethene	0.93	J	ug/m3	Y	0.35
KAFB-106138-250	SV138-250-212	4/6/2021	N	Xylenes, total	2.1	J	ug/m3	Y	0.71
KAFB-106138-250	SV138-250-212	4/6/2021	N	Ethyl acetate	41	J	ug/m3	Y	1.4
KAFB-106138-250	SV138-250-212	4/6/2021	N	n-Heptane	0.79	J	ug/m3	Y	0.43
KAFB-106138-250	SV138-250-212	4/6/2021	N	m- & p-Xylenes	1.5	J	ug/m3	Y	0.71
KAFB-106138-250	SV138-250-212	4/6/2021	N	Carbon tetrachloride	3.7		ug/m3	Y	0.37
KAFB-106138-250	SV138-250-212	4/6/2021	N	2-Hexanone	2	J	ug/m3	Y	0.33
KAFB-106138-250	SV138-250-212	4/6/2021	N	Ethanol	36		ug/m3	Y	1.9
KAFB-106138-250	SV138-250-212	4/6/2021	N	Isopropyl alcohol	12		ug/m3	Y	1.1
KAFB-106138-250	SV138-250-212	4/6/2021	N	Acetone	46		ug/m3	Y	6.1
KAFB-106138-250	SV138-250-212	4/6/2021	N	Chloroform	76		ug/m3	Y	0.36
KAFB-106138-250	SV138-250-212	4/6/2021	N	Benzene	0.77	J	ug/m3	Y	0.39
KAFB-106138-250	SV138-250-212	4/6/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106138-250	SV138-250-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106138-250	SV138-250-212	4/6/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
KAFB-106138-250	SV138-250-212	4/6/2021	N	Methylene chloride	2.4	J	ug/m3	Y	0.76
KAFB-106138-250	SV138-250-212	4/6/2021	N	Carbon disulfide	89		ug/m3	Y	0.81
KAFB-106138-250	SV138-250-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106138-250	SV138-250-212	4/6/2021	N	Bromodichloromethane	17		ug/m3	Y	0.39
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106138-250	SV138-250-212	4/6/2021	N	Trichlorofluoromethane	18		ug/m3	Y	0.41
KAFB-106138-250	SV138-250-212	4/6/2021	N	Dichlorodifluoromethane	5.2		ug/m3	Y	0.44
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	6.6		ug/m3	Y	0.38
KAFB-106138-250	SV138-250-212	4/6/2021	N	2-Butanone	10		ug/m3	Y	0.56

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106138-250	SV138-250-212	4/6/2021	N	Trichloroethene	6.9		ug/m3	Y	0.36
KAFB-106138-250	SV138-250-212	4/6/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106138-250	SV138-250-212	4/6/2021	N	o-Xylene	0.59	J	ug/m3	Y	0.39
KAFB-106138-250	SV138-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	1	J	ug/m3	Y	0.37
KAFB-106138-350	SV138-350-212	4/6/2021	N	Ethylbenzene	0.57	J	ug/m3	Y	0.42
KAFB-106138-350	SV138-350-212	4/6/2021	N	Styrene	< 1.8	U	ug/m3	N	0.49
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,2-Dibromoethane	< 0.96	U	ug/m3	N	0.35
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.5
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,2-Dichloroethane	< 0.96	U	ug/m3	N	0.33
KAFB-106138-350	SV138-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.96	U	ug/m3	N	0.41
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	0.59	J	ug/m3	Y	0.44
KAFB-106138-350	SV138-350-212	4/6/2021	N	Toluene	2.3	J	ug/m3	Y	0.37
KAFB-106138-350	SV138-350-212	4/6/2021	N	Tetrahydrofuran	0.72	J	ug/m3	Y	0.38
KAFB-106138-350	SV138-350-212	4/6/2021	N	Hexane	0.63	J	ug/m3	Y	0.62
KAFB-106138-350	SV138-350-212	4/6/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.85
KAFB-106138-350	SV138-350-212	4/6/2021	N	Propylene (propene)	< 1.8	U	ug/m3	N	0.73
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.73
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,4-Dioxane	< 0.96	U	ug/m3	N	0.36
KAFB-106138-350	SV138-350-212	4/6/2021	N	Dibromochloromethane	2.4	J	ug/m3	Y	0.4
KAFB-106138-350	SV138-350-212	4/6/2021	N	Tetrachloroethene	0.5	J	ug/m3	Y	0.39
KAFB-106138-350	SV138-350-212	4/6/2021	N	Xylenes, total	3.6	J	ug/m3	Y	0.79
KAFB-106138-350	SV138-350-212	4/6/2021	N	Ethyl acetate	2.5	J	ug/m3	Y	1.6
KAFB-106138-350	SV138-350-212	4/6/2021	N	n-Heptane	0.63	J	ug/m3	Y	0.48
KAFB-106138-350	SV138-350-212	4/6/2021	N	m- & p-Xylenes	2.7	J	ug/m3	Y	0.79
KAFB-106138-350	SV138-350-212	4/6/2021	N	Carbon tetrachloride	3.4		ug/m3	Y	0.42
KAFB-106138-350	SV138-350-212	4/6/2021	N	2-Hexanone	0.41	J	ug/m3	Y	0.37
KAFB-106138-350	SV138-350-212	4/6/2021	N	Ethanol	9.2	J	ug/m3	Y	2.1
KAFB-106138-350	SV138-350-212	4/6/2021	N	Isopropyl alcohol	< 3.6	U	ug/m3	N	1.2
KAFB-106138-350	SV138-350-212	4/6/2021	N	Acetone	9.5	J	ug/m3	Y	6.8
KAFB-106138-350	SV138-350-212	4/6/2021	N	Chloroform	93		ug/m3	Y	0.4
KAFB-106138-350	SV138-350-212	4/6/2021	N	Benzene	0.64	J	ug/m3	Y	0.44
KAFB-106138-350	SV138-350-212	4/6/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.49
KAFB-106138-350	SV138-350-212	4/6/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37
KAFB-106138-350	SV138-350-212	4/6/2021	N	Vinyl chloride	< 0.96	U	ug/m3	N	0.32
KAFB-106138-350	SV138-350-212	4/6/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.85
KAFB-106138-350	SV138-350-212	4/6/2021	N	Carbon disulfide	6.9		ug/m3	Y	0.9
KAFB-106138-350	SV138-350-212	4/6/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.62
KAFB-106138-350	SV138-350-212	4/6/2021	N	Bromodichloromethane	19		ug/m3	Y	0.44
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.44
KAFB-106138-350	SV138-350-212	4/6/2021	N	Trichlorofluoromethane	5.3		ug/m3	Y	0.46
KAFB-106138-350	SV138-350-212	4/6/2021	N	Dichlorodifluoromethane	2.8	J	ug/m3	Y	0.49
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	4.1		ug/m3	Y	0.43
KAFB-106138-350	SV138-350-212	4/6/2021	N	2-Butanone	1.9	J	ug/m3	Y	0.62
KAFB-106138-350	SV138-350-212	4/6/2021	N	Trichloroethene	6.9		ug/m3	Y	0.41
KAFB-106138-350	SV138-350-212	4/6/2021	N	Naphthalene	< 1.8	U	ug/m3	N	0.73
KAFB-106138-350	SV138-350-212	4/6/2021	N	o-Xylene	0.85	J	ug/m3	Y	0.44
KAFB-106138-350	SV138-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	2.9	J	ug/m3	Y	0.42
KAFB-106138-450	SV138-450-212	4/6/2021	N	Ethylbenzene	< 0.96	U	ug/m3	N	0.42
KAFB-106138-450	SV138-450-212	4/6/2021	N	Styrene	< 1.8	U	ug/m3	N	0.48
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,2-Dibromoethane	< 0.96	U	ug/m3	N	0.35
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.5
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,2-Dichloroethane	< 0.96	U	ug/m3	N	0.33
KAFB-106138-450	SV138-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.96	U	ug/m3	N	0.41
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.96	U	ug/m3	N	0.43
KAFB-106138-450	SV138-450-212	4/6/2021	N	Toluene	1.1	J	ug/m3	Y	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106138-450	SV138-450-212	4/6/2021	N	Tetrahydrofuran	< 0.96	U	ug/m3	N	0.38
KAFB-106138-450	SV138-450-212	4/6/2021	N	Hexane	< 1.8	U	ug/m3	N	0.62
KAFB-106138-450	SV138-450-212	4/6/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.84
KAFB-106138-450	SV138-450-212	4/6/2021	N	Propylene (propene)	0.95	J	ug/m3	Y	0.73
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.73
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,4-Dioxane	< 0.96	U	ug/m3	N	0.35
KAFB-106138-450	SV138-450-212	4/6/2021	N	Dibromochloromethane	3.3		ug/m3	Y	0.39
KAFB-106138-450	SV138-450-212	4/6/2021	N	Tetrachloroethene	< 0.96	U	ug/m3	N	0.39
KAFB-106138-450	SV138-450-212	4/6/2021	N	Xylenes, total	1	J	ug/m3	Y	0.79
KAFB-106138-450	SV138-450-212	4/6/2021	N	Ethyl acetate	< 3.7	U	ug/m3	N	1.6
KAFB-106138-450	SV138-450-212	4/6/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.48
KAFB-106138-450	SV138-450-212	4/6/2021	N	m- & p-Xylenes	1	J	ug/m3	Y	0.79
KAFB-106138-450	SV138-450-212	4/6/2021	N	Carbon tetrachloride	5.1		ug/m3	Y	0.42
KAFB-106138-450	SV138-450-212	4/6/2021	N	2-Hexanone	1.4	J	ug/m3	Y	0.37
KAFB-106138-450	SV138-450-212	4/6/2021	N	Ethanol	10	J	ug/m3	Y	2.1
KAFB-106138-450	SV138-450-212	4/6/2021	N	Isopropyl alcohol	1.9	J	ug/m3	Y	1.2
KAFB-106138-450	SV138-450-212	4/6/2021	N	Acetone	21	J	ug/m3	Y	6.8
KAFB-106138-450	SV138-450-212	4/6/2021	N	Chloroform	44		ug/m3	Y	0.4
KAFB-106138-450	SV138-450-212	4/6/2021	N	Benzene	< 0.96	U	ug/m3	N	0.43
KAFB-106138-450	SV138-450-212	4/6/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.48
KAFB-106138-450	SV138-450-212	4/6/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.37
KAFB-106138-450	SV138-450-212	4/6/2021	N	Vinyl chloride	< 0.96	U	ug/m3	N	0.32
KAFB-106138-450	SV138-450-212	4/6/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.84
KAFB-106138-450	SV138-450-212	4/6/2021	N	Carbon disulfide	7.1		ug/m3	Y	0.9
KAFB-106138-450	SV138-450-212	4/6/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.62
KAFB-106138-450	SV138-450-212	4/6/2021	N	Bromodichloromethane	15		ug/m3	Y	0.43
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.44
KAFB-106138-450	SV138-450-212	4/6/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.46
KAFB-106138-450	SV138-450-212	4/6/2021	N	Dichlorodifluoromethane	1.6	J	ug/m3	Y	0.49
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	J	ug/m3	Y	0.43
KAFB-106138-450	SV138-450-212	4/6/2021	N	2-Butanone	5.3	J	ug/m3	Y	0.62
KAFB-106138-450	SV138-450-212	4/6/2021	N	Trichloroethene	2.5	J	ug/m3	Y	0.41
KAFB-106138-450	SV138-450-212	4/6/2021	N	Naphthalene	0.82	J	ug/m3	Y	0.73
KAFB-106138-450	SV138-450-212	4/6/2021	N	o-Xylene	< 0.96	U	ug/m3	N	0.43
KAFB-106138-450	SV138-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.1	J	ug/m3	Y	0.42
KAFB-106141-025	SV141-025-212	4/6/2021	N	Ethylbenzene	0.78	J	ug/m3	Y	0.37
KAFB-106141-025	SV141-025-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,2-Dibromoethane	< 0.83	U	ug/m3	N	0.3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,2-Dichloroethane	< 0.83	U	ug/m3	N	0.29
KAFB-106141-025	SV141-025-212	4/6/2021	N	4-Methyl-2-pentanone	0.6	J	ug/m3	Y	0.36
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,3,5-Trimethylbenzene	1.2	J	ug/m3	Y	0.38
KAFB-106141-025	SV141-025-212	4/6/2021	N	Toluene	2.8		ug/m3	Y	0.32
KAFB-106141-025	SV141-025-212	4/6/2021	N	Tetrahydrofuran	0.6	J	ug/m3	Y	0.33
KAFB-106141-025	SV141-025-212	4/6/2021	N	Hexane	0.59	J	ug/m3	Y	0.54
KAFB-106141-025	SV141-025-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.73
KAFB-106141-025	SV141-025-212	4/6/2021	N	Propylene (propene)	2.5	J	ug/m3	Y	0.63
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.63
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,4-Dioxane	0.39	J	ug/m3	Y	0.31
KAFB-106141-025	SV141-025-212	4/6/2021	N	Dibromochloromethane	< 0.83	U	ug/m3	N	0.34
KAFB-106141-025	SV141-025-212	4/6/2021	N	Tetrachloroethene	1.1	J	ug/m3	Y	0.34
KAFB-106141-025	SV141-025-212	4/6/2021	N	Xylenes, total	5.1		ug/m3	Y	0.68
KAFB-106141-025	SV141-025-212	4/6/2021	N	Ethyl acetate	2.1	J	ug/m3	Y	1.4
KAFB-106141-025	SV141-025-212	4/6/2021	N	n-Heptane	0.44	J	ug/m3	Y	0.41
KAFB-106141-025	SV141-025-212	4/6/2021	N	m- & p-Xylenes	3.9	J	ug/m3	Y	0.68

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106141-025	SV141-025-212	4/6/2021	N	Carbon tetrachloride	0.69	J	ug/m3	Y	0.36
KAFB-106141-025	SV141-025-212	4/6/2021	N	2-Hexanone	1.7	J	ug/m3	Y	0.32
KAFB-106141-025	SV141-025-212	4/6/2021	N	Ethanol	13	J	ug/m3	Y	1.8
KAFB-106141-025	SV141-025-212	4/6/2021	N	Isopropyl alcohol	3	J	ug/m3	Y	1.1
KAFB-106141-025	SV141-025-212	4/6/2021	N	Acetone	78		ug/m3	Y	5.9
KAFB-106141-025	SV141-025-212	4/6/2021	N	Chloroform	5.8		ug/m3	Y	0.35
KAFB-106141-025	SV141-025-212	4/6/2021	N	Benzene	0.69	J	ug/m3	Y	0.38
KAFB-106141-025	SV141-025-212	4/6/2021	N	Chloromethane	4.7		ug/m3	Y	0.42
KAFB-106141-025	SV141-025-212	4/6/2021	N	Chloroethane	0.7	J	ug/m3	Y	0.32
KAFB-106141-025	SV141-025-212	4/6/2021	N	Vinyl chloride	< 0.83	U	ug/m3	N	0.28
KAFB-106141-025	SV141-025-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.73
KAFB-106141-025	SV141-025-212	4/6/2021	N	Carbon disulfide	4.3	J	ug/m3	Y	0.78
KAFB-106141-025	SV141-025-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
KAFB-106141-025	SV141-025-212	4/6/2021	N	Bromodichloromethane	0.56	J	ug/m3	Y	0.38
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106141-025	SV141-025-212	4/6/2021	N	Trichlorofluoromethane	15		ug/m3	Y	0.39
KAFB-106141-025	SV141-025-212	4/6/2021	N	Dichlorodifluoromethane	16		ug/m3	Y	0.42
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.66	J	ug/m3	Y	0.37
KAFB-106141-025	SV141-025-212	4/6/2021	N	2-Butanone	16		ug/m3	Y	0.54
KAFB-106141-025	SV141-025-212	4/6/2021	N	Trichloroethene	< 0.83	U	ug/m3	N	0.35
KAFB-106141-025	SV141-025-212	4/6/2021	N	Naphthalene	3.3		ug/m3	Y	0.63
KAFB-106141-025	SV141-025-212	4/6/2021	N	o-Xylene	1.2	J	ug/m3	Y	0.38
KAFB-106141-025	SV141-025-212	4/6/2021	N	1,2,4-Trimethylbenzene	7.1		ug/m3	Y	0.36
KAFB-106141-050	SV141-050-212	4/6/2021	N	Ethylbenzene	< 0.88	U	ug/m3	N	0.39
KAFB-106141-050	SV141-050-212	4/6/2021	N	Styrene	< 1.7	U	ug/m3	N	0.45
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,2-Dibromoethane	< 0.88	U	ug/m3	N	0.32
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.46
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,2-Dichloroethane	< 0.88	U	ug/m3	N	0.31
KAFB-106141-050	SV141-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.88	U	ug/m3	N	0.38
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.88	U	ug/m3	N	0.4
KAFB-106141-050	SV141-050-212	4/6/2021	N	Toluene	0.71	J	ug/m3	Y	0.34
KAFB-106141-050	SV141-050-212	4/6/2021	N	Tetrahydrofuran	< 0.88	U	ug/m3	N	0.35
KAFB-106141-050	SV141-050-212	4/6/2021	N	Hexane	< 1.7	U	ug/m3	N	0.57
KAFB-106141-050	SV141-050-212	4/6/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.78
KAFB-106141-050	SV141-050-212	4/6/2021	N	Propylene (propene)	< 1.7	U	ug/m3	N	0.68
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.68
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,4-Dioxane	< 0.88	U	ug/m3	N	0.33
KAFB-106141-050	SV141-050-212	4/6/2021	N	Dibromochloromethane	< 0.88	U	ug/m3	N	0.36
KAFB-106141-050	SV141-050-212	4/6/2021	N	Tetrachloroethene	1.3	J	ug/m3	Y	0.36
KAFB-106141-050	SV141-050-212	4/6/2021	N	Xylenes, total	0.91	J	ug/m3	Y	0.73
KAFB-106141-050	SV141-050-212	4/6/2021	N	Ethyl acetate	< 3.4	U	ug/m3	N	1.5
KAFB-106141-050	SV141-050-212	4/6/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.44
KAFB-106141-050	SV141-050-212	4/6/2021	N	m- & p-Xylenes	0.91	J	ug/m3	Y	0.73
KAFB-106141-050	SV141-050-212	4/6/2021	N	Carbon tetrachloride	1	J	ug/m3	Y	0.38
KAFB-106141-050	SV141-050-212	4/6/2021	N	2-Hexanone	< 0.88	U	ug/m3	N	0.34
KAFB-106141-050	SV141-050-212	4/6/2021	N	Ethanol	2	J	ug/m3	Y	1.9
KAFB-106141-050	SV141-050-212	4/6/2021	N	Isopropyl alcohol	< 3.3	U	ug/m3	N	1.1
KAFB-106141-050	SV141-050-212	4/6/2021	N	Acetone	< 14	U	ug/m3	N	6.2
KAFB-106141-050	SV141-050-212	4/6/2021	N	Chloroform	12		ug/m3	Y	0.37
KAFB-106141-050	SV141-050-212	4/6/2021	N	Benzene	< 0.88	U	ug/m3	N	0.4
KAFB-106141-050	SV141-050-212	4/6/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.45
KAFB-106141-050	SV141-050-212	4/6/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.34
KAFB-106141-050	SV141-050-212	4/6/2021	N	Vinyl chloride	< 0.88	U	ug/m3	N	0.3
KAFB-106141-050	SV141-050-212	4/6/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.78
KAFB-106141-050	SV141-050-212	4/6/2021	N	Carbon disulfide	< 2.8	U	ug/m3	N	0.83

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106141-050	SV141-050-212	4/6/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.57
KAFB-106141-050	SV141-050-212	4/6/2021	N	Bromodichloromethane	1.4	J	ug/m3	Y	0.4
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.41
KAFB-106141-050	SV141-050-212	4/6/2021	N	Trichlorofluoromethane	21		ug/m3	Y	0.42
KAFB-106141-050	SV141-050-212	4/6/2021	N	Dichlorodifluoromethane	19		ug/m3	Y	0.45
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.81	J	ug/m3	Y	0.4
KAFB-106141-050	SV141-050-212	4/6/2021	N	2-Butanone	0.68	J	ug/m3	Y	0.57
KAFB-106141-050	SV141-050-212	4/6/2021	N	Trichloroethene	< 0.88	U	ug/m3	N	0.37
KAFB-106141-050	SV141-050-212	4/6/2021	N	Naphthalene	2	J	ug/m3	Y	0.68
KAFB-106141-050	SV141-050-212	4/6/2021	N	o-Xylene	< 0.88	U	ug/m3	N	0.4
KAFB-106141-050	SV141-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.5	J	ug/m3	Y	0.38
KAFB-106141-170	SV141-170-212	4/6/2021	N	Ethylbenzene	< 0.82	U	ug/m3	N	0.36
KAFB-106141-170	SV141-170-212	4/6/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106141-170	SV141-170-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.82	U	ug/m3	N	0.37
KAFB-106141-170	SV141-170-212	4/6/2021	N	Toluene	0.84	J	ug/m3	Y	0.31
KAFB-106141-170	SV141-170-212	4/6/2021	N	Tetrahydrofuran	1	J	ug/m3	Y	0.32
KAFB-106141-170	SV141-170-212	4/6/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106141-170	SV141-170-212	4/6/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106141-170	SV141-170-212	4/6/2021	N	Propylene (propene)	0.77	J	ug/m3	Y	0.63
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106141-170	SV141-170-212	4/6/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106141-170	SV141-170-212	4/6/2021	N	Tetrachloroethene	1.5	J	ug/m3	Y	0.33
KAFB-106141-170	SV141-170-212	4/6/2021	N	Xylenes, total	0.91	J	ug/m3	Y	0.68
KAFB-106141-170	SV141-170-212	4/6/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.4
KAFB-106141-170	SV141-170-212	4/6/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.41
KAFB-106141-170	SV141-170-212	4/6/2021	N	m- & p-Xylenes	0.91	J	ug/m3	Y	0.68
KAFB-106141-170	SV141-170-212	4/6/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	0.36
KAFB-106141-170	SV141-170-212	4/6/2021	N	2-Hexanone	0.72	J	ug/m3	Y	0.32
KAFB-106141-170	SV141-170-212	4/6/2021	N	Ethanol	8.8	J	ug/m3	Y	1.8
KAFB-106141-170	SV141-170-212	4/6/2021	N	Isopropyl alcohol	1.1	J	ug/m3	Y	1.1
KAFB-106141-170	SV141-170-212	4/6/2021	N	Acetone	21	J	ug/m3	Y	5.8
KAFB-106141-170	SV141-170-212	4/6/2021	N	Chloroform	21		ug/m3	Y	0.34
KAFB-106141-170	SV141-170-212	4/6/2021	N	Benzene	< 0.82	U	ug/m3	N	0.37
KAFB-106141-170	SV141-170-212	4/6/2021	N	Chloromethane	0.42	J	ug/m3	Y	0.41
KAFB-106141-170	SV141-170-212	4/6/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106141-170	SV141-170-212	4/6/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106141-170	SV141-170-212	4/6/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106141-170	SV141-170-212	4/6/2021	N	Carbon disulfide	6.2		ug/m3	Y	0.77
KAFB-106141-170	SV141-170-212	4/6/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106141-170	SV141-170-212	4/6/2021	N	Bromodichloromethane	2.8		ug/m3	Y	0.37
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106141-170	SV141-170-212	4/6/2021	N	Trichlorofluoromethane	23		ug/m3	Y	0.39
KAFB-106141-170	SV141-170-212	4/6/2021	N	Dichlorodifluoromethane	19		ug/m3	Y	0.42
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.83	J	ug/m3	Y	0.37
KAFB-106141-170	SV141-170-212	4/6/2021	N	2-Butanone	3.5	J	ug/m3	Y	0.53
KAFB-106141-170	SV141-170-212	4/6/2021	N	Trichloroethene	< 0.82	U	ug/m3	N	0.35
KAFB-106141-170	SV141-170-212	4/6/2021	N	Naphthalene	0.97	J	ug/m3	Y	0.63
KAFB-106141-170	SV141-170-212	4/6/2021	N	o-Xylene	< 0.82	U	ug/m3	N	0.37
KAFB-106141-170	SV141-170-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.5	J	ug/m3	Y	0.36
KAFB-106141-250	SV141-250-212	4/6/2021	N	Ethylbenzene	< 0.86	U	ug/m3	N	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106141-250	SV141-250-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.44
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.45
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106141-250	SV141-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
KAFB-106141-250	SV141-250-212	4/6/2021	N	Toluene	1.8	J	ug/m3	Y	0.33
KAFB-106141-250	SV141-250-212	4/6/2021	N	Tetrahydrofuran	8.5		ug/m3	Y	0.34
KAFB-106141-250	SV141-250-212	4/6/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106141-250	SV141-250-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.76
KAFB-106141-250	SV141-250-212	4/6/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.66
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,4-Dioxane	0.34	J	ug/m3	Y	0.32
KAFB-106141-250	SV141-250-212	4/6/2021	N	Dibromochloromethane	0.53	J	ug/m3	Y	0.36
KAFB-106141-250	SV141-250-212	4/6/2021	N	Tetrachloroethene	1	J	ug/m3	Y	0.35
KAFB-106141-250	SV141-250-212	4/6/2021	N	Xylenes, total	1.8	J	ug/m3	Y	0.71
KAFB-106141-250	SV141-250-212	4/6/2021	N	Ethyl acetate	2.4	J	ug/m3	Y	1.4
KAFB-106141-250	SV141-250-212	4/6/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106141-250	SV141-250-212	4/6/2021	N	m- & p-Xylenes	1.4	J	ug/m3	Y	0.71
KAFB-106141-250	SV141-250-212	4/6/2021	N	Carbon tetrachloride	1.2	J	ug/m3	Y	0.38
KAFB-106141-250	SV141-250-212	4/6/2021	N	2-Hexanone	0.84	J	ug/m3	Y	0.33
KAFB-106141-250	SV141-250-212	4/6/2021	N	Ethanol	15	J	ug/m3	Y	1.9
KAFB-106141-250	SV141-250-212	4/6/2021	N	Isopropyl alcohol	4.1	J	ug/m3	Y	1.1
KAFB-106141-250	SV141-250-212	4/6/2021	N	Acetone	21	J	ug/m3	Y	6.1
KAFB-106141-250	SV141-250-212	4/6/2021	N	Chloroform	23		ug/m3	Y	0.36
KAFB-106141-250	SV141-250-212	4/6/2021	N	Benzene	0.46	J	ug/m3	Y	0.39
KAFB-106141-250	SV141-250-212	4/6/2021	N	Chloromethane	0.52	J	ug/m3	Y	0.44
KAFB-106141-250	SV141-250-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106141-250	SV141-250-212	4/6/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
KAFB-106141-250	SV141-250-212	4/6/2021	N	Methylene chloride	1.8	J	ug/m3	Y	0.76
KAFB-106141-250	SV141-250-212	4/6/2021	N	Carbon disulfide	6.5		ug/m3	Y	0.81
KAFB-106141-250	SV141-250-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106141-250	SV141-250-212	4/6/2021	N	Bromodichloromethane	2.6	J	ug/m3	Y	0.39
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.4
KAFB-106141-250	SV141-250-212	4/6/2021	N	Trichlorofluoromethane	22		ug/m3	Y	0.41
KAFB-106141-250	SV141-250-212	4/6/2021	N	Dichlorodifluoromethane	13		ug/m3	Y	0.44
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.72	J	ug/m3	Y	0.39
KAFB-106141-250	SV141-250-212	4/6/2021	N	2-Butanone	3.6	J	ug/m3	Y	0.56
KAFB-106141-250	SV141-250-212	4/6/2021	N	Trichloroethene	0.46	J	ug/m3	Y	0.37
KAFB-106141-250	SV141-250-212	4/6/2021	N	Naphthalene	1.7	J	ug/m3	Y	0.66
KAFB-106141-250	SV141-250-212	4/6/2021	N	o-Xylene	0.44	J	ug/m3	Y	0.39
KAFB-106141-250	SV141-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.9	J	ug/m3	Y	0.38
KAFB-106141-350	SV141-350-212	4/6/2021	N	Ethylbenzene	< 0.91	U	ug/m3	N	0.4
KAFB-106141-350	SV141-350-212	4/6/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,2-Dibromoethane	< 0.91	U	ug/m3	N	0.33
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.47
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,2-Dichloroethane	< 0.91	U	ug/m3	N	0.31
KAFB-106141-350	SV141-350-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.91	U	ug/m3	N	0.39
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.91	U	ug/m3	N	0.41
KAFB-106141-350	SV141-350-212	4/6/2021	N	Toluene	0.78	J	ug/m3	Y	0.35
KAFB-106141-350	SV141-350-212	4/6/2021	N	Tetrahydrofuran	3.7	J	ug/m3	Y	0.36
KAFB-106141-350	SV141-350-212	4/6/2021	N	Hexane	< 1.7	U	ug/m3	N	0.59
KAFB-106141-350	SV141-350-212	4/6/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.8
KAFB-106141-350	SV141-350-212	4/6/2021	N	Propylene (propene)	< 1.7	U	ug/m3	N	0.69
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.69

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,4-Dioxane	< 0.91	U	ug/m3	N	0.34
KAFB-106141-350	SV141-350-212	4/6/2021	N	Dibromochloromethane	< 0.91	U	ug/m3	N	0.37
KAFB-106141-350	SV141-350-212	4/6/2021	N	Tetrachloroethene	< 0.91	U	ug/m3	N	0.37
KAFB-106141-350	SV141-350-212	4/6/2021	N	Xylenes, total	0.79	J	ug/m3	Y	0.75
KAFB-106141-350	SV141-350-212	4/6/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106141-350	SV141-350-212	4/6/2021	N	n-Heptane	< 1.7	U	ug/m3	N	0.45
KAFB-106141-350	SV141-350-212	4/6/2021	N	m- & p-Xylenes	0.79	J	ug/m3	Y	0.75
KAFB-106141-350	SV141-350-212	4/6/2021	N	Carbon tetrachloride	0.68	J	ug/m3	Y	0.39
KAFB-106141-350	SV141-350-212	4/6/2021	N	2-Hexanone	< 0.91	U	ug/m3	N	0.35
KAFB-106141-350	SV141-350-212	4/6/2021	N	Ethanol	2.9	J	ug/m3	Y	2
KAFB-106141-350	SV141-350-212	4/6/2021	N	Isopropyl alcohol	< 3.4	U	ug/m3	N	1.2
KAFB-106141-350	SV141-350-212	4/6/2021	N	Acetone	< 14	U	ug/m3	N	6.4
KAFB-106141-350	SV141-350-212	4/6/2021	N	Chloroform	8.7		ug/m3	Y	0.38
KAFB-106141-350	SV141-350-212	4/6/2021	N	Benzene	< 0.91	U	ug/m3	N	0.41
KAFB-106141-350	SV141-350-212	4/6/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.46
KAFB-106141-350	SV141-350-212	4/6/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.35
KAFB-106141-350	SV141-350-212	4/6/2021	N	Vinyl chloride	< 0.91	U	ug/m3	N	0.3
KAFB-106141-350	SV141-350-212	4/6/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.8
KAFB-106141-350	SV141-350-212	4/6/2021	N	Carbon disulfide	5.3		ug/m3	Y	0.85
KAFB-106141-350	SV141-350-212	4/6/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.59
KAFB-106141-350	SV141-350-212	4/6/2021	N	Bromodichloromethane	1.7	J	ug/m3	Y	0.41
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106141-350	SV141-350-212	4/6/2021	N	Trichlorofluoromethane	9		ug/m3	Y	0.43
KAFB-106141-350	SV141-350-212	4/6/2021	N	Dichlorodifluoromethane	5		ug/m3	Y	0.46
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.91	U	ug/m3	N	0.4
KAFB-106141-350	SV141-350-212	4/6/2021	N	2-Butanone	0.98	J	ug/m3	Y	0.59
KAFB-106141-350	SV141-350-212	4/6/2021	N	Trichloroethene	< 0.91	U	ug/m3	N	0.38
KAFB-106141-350	SV141-350-212	4/6/2021	N	Naphthalene	1.2	J	ug/m3	Y	0.69
KAFB-106141-350	SV141-350-212	4/6/2021	N	o-Xylene	< 0.91	U	ug/m3	N	0.41
KAFB-106141-350	SV141-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.1	J	ug/m3	Y	0.39
KAFB-106141-450	SV141-450-212	4/6/2021	N	Ethylbenzene	< 0.91	U	ug/m3	N	0.4
KAFB-106141-450	SV141-450-212	4/6/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,2-Dibromoethane	< 0.91	U	ug/m3	N	0.33
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.47
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,2-Dichloroethane	2.8		ug/m3	Y	0.31
KAFB-106141-450	SV141-450-212	4/6/2021	N	4-Methyl-2-pentanone	4.8	J	ug/m3	Y	0.39
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	< 0.91	U	ug/m3	N	0.41
KAFB-106141-450	SV141-450-212	4/6/2021	N	Toluene	1.2	J	ug/m3	Y	0.35
KAFB-106141-450	SV141-450-212	4/6/2021	N	Tetrahydrofuran	150		ug/m3	Y	0.36
KAFB-106141-450	SV141-450-212	4/6/2021	N	Hexane	0.61	J	ug/m3	Y	0.59
KAFB-106141-450	SV141-450-212	4/6/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.8
KAFB-106141-450	SV141-450-212	4/6/2021	N	Propylene (propene)	< 1.7	U	ug/m3	N	0.69
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.69
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,4-Dioxane	< 0.91	U	ug/m3	N	0.34
KAFB-106141-450	SV141-450-212	4/6/2021	N	Dibromochloromethane	< 0.91	U	ug/m3	N	0.37
KAFB-106141-450	SV141-450-212	4/6/2021	N	Tetrachloroethene	0.39	J	ug/m3	Y	0.37
KAFB-106141-450	SV141-450-212	4/6/2021	N	Xylenes, total	0.96	J	ug/m3	Y	0.75
KAFB-106141-450	SV141-450-212	4/6/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106141-450	SV141-450-212	4/6/2021	N	n-Heptane	0.91	J	ug/m3	Y	0.45
KAFB-106141-450	SV141-450-212	4/6/2021	N	m- & p-Xylenes	0.96	J	ug/m3	Y	0.75
KAFB-106141-450	SV141-450-212	4/6/2021	N	Carbon tetrachloride	0.68	J	ug/m3	Y	0.39
KAFB-106141-450	SV141-450-212	4/6/2021	N	2-Hexanone	0.41	J	ug/m3	Y	0.35
KAFB-106141-450	SV141-450-212	4/6/2021	N	Ethanol	3.9	J	ug/m3	Y	2
KAFB-106141-450	SV141-450-212	4/6/2021	N	Isopropyl alcohol	< 3.4	U	ug/m3	N	1.2
KAFB-106141-450	SV141-450-212	4/6/2021	N	Acetone	26	J	ug/m3	Y	6.4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106141-450	SV141-450-212	4/6/2021	N	Chloroform	3		ug/m3	Y	0.38
KAFB-106141-450	SV141-450-212	4/6/2021	N	Benzene	1.5	J	ug/m3	Y	0.41
KAFB-106141-450	SV141-450-212	4/6/2021	N	Chloromethane	30		ug/m3	Y	0.46
KAFB-106141-450	SV141-450-212	4/6/2021	N	Chloroethane	8.2		ug/m3	Y	0.35
KAFB-106141-450	SV141-450-212	4/6/2021	N	Vinyl chloride	9.5		ug/m3	Y	0.3
KAFB-106141-450	SV141-450-212	4/6/2021	N	Methylene chloride	< 1.7	U	ug/m3	N	0.8
KAFB-106141-450	SV141-450-212	4/6/2021	N	Carbon disulfide	100		ug/m3	Y	0.85
KAFB-106141-450	SV141-450-212	4/6/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.59
KAFB-106141-450	SV141-450-212	4/6/2021	N	Bromodichloromethane	< 0.91	U	ug/m3	N	0.41
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,1-Dichloroethane	6.3		ug/m3	Y	0.42
KAFB-106141-450	SV141-450-212	4/6/2021	N	Trichlorofluoromethane	6.5		ug/m3	Y	0.43
KAFB-106141-450	SV141-450-212	4/6/2021	N	Dichlorodifluoromethane	4.1		ug/m3	Y	0.46
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.91	U	ug/m3	N	0.4
KAFB-106141-450	SV141-450-212	4/6/2021	N	2-Butanone	9.8		ug/m3	Y	0.59
KAFB-106141-450	SV141-450-212	4/6/2021	N	Trichloroethene	< 0.91	U	ug/m3	N	0.38
KAFB-106141-450	SV141-450-212	4/6/2021	N	Naphthalene	1.4	J	ug/m3	Y	0.69
KAFB-106141-450	SV141-450-212	4/6/2021	N	o-Xylene	< 0.91	U	ug/m3	N	0.41
KAFB-106141-450	SV141-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	1.2	J	ug/m3	Y	0.39
KAFB-106142-030	SV142-030-212	4/6/2021	N	Ethylbenzene	2.4	J	ug/m3	Y	0.4
KAFB-106142-030	SV142-030-212	4/6/2021	N	Styrene	< 1.7	U	ug/m3	N	0.46
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,2-Dibromoethane	< 0.91	U	ug/m3	N	0.33
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,3-Butadiene	< 1.7	U	ug/m3	N	0.47
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,2-Dichloroethane	< 0.91	U	ug/m3	N	0.31
KAFB-106142-030	SV142-030-212	4/6/2021	N	4-Methyl-2-pentanone	0.61	J	ug/m3	Y	0.39
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,3,5-Trimethylbenzene	3.3		ug/m3	Y	0.41
KAFB-106142-030	SV142-030-212	4/6/2021	N	Toluene	7.5		ug/m3	Y	0.35
KAFB-106142-030	SV142-030-212	4/6/2021	N	Tetrahydrofuran	< 0.91	U	ug/m3	N	0.36
KAFB-106142-030	SV142-030-212	4/6/2021	N	Hexane	0.67	J	ug/m3	Y	0.59
KAFB-106142-030	SV142-030-212	4/6/2021	N	Cyclohexane	< 1.8	U	ug/m3	N	0.8
KAFB-106142-030	SV142-030-212	4/6/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.69
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.7	U	ug/m3	N	0.69
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,4-Dioxane	< 0.91	U	ug/m3	N	0.34
KAFB-106142-030	SV142-030-212	4/6/2021	N	Dibromochloromethane	< 0.91	U	ug/m3	N	0.37
KAFB-106142-030	SV142-030-212	4/6/2021	N	Tetrachloroethene	< 0.91	U	ug/m3	N	0.37
KAFB-106142-030	SV142-030-212	4/6/2021	N	Xylenes, total	14		ug/m3	Y	0.75
KAFB-106142-030	SV142-030-212	4/6/2021	N	Ethyl acetate	< 3.5	U	ug/m3	N	1.5
KAFB-106142-030	SV142-030-212	4/6/2021	N	n-Heptane	1.2	J	ug/m3	Y	0.45
KAFB-106142-030	SV142-030-212	4/6/2021	N	m- & p-Xylenes	10		ug/m3	Y	0.75
KAFB-106142-030	SV142-030-212	4/6/2021	N	Carbon tetrachloride	< 0.91	U	ug/m3	N	0.39
KAFB-106142-030	SV142-030-212	4/6/2021	N	2-Hexanone	4.9	J	ug/m3	Y	0.35
KAFB-106142-030	SV142-030-212	4/6/2021	N	Ethanol	16	J	ug/m3	Y	2
KAFB-106142-030	SV142-030-212	4/6/2021	N	Isopropyl alcohol	2.8	J	ug/m3	Y	1.2
KAFB-106142-030	SV142-030-212	4/6/2021	N	Acetone	33		ug/m3	Y	6.4
KAFB-106142-030	SV142-030-212	4/6/2021	N	Chloroform	1.7	J	ug/m3	Y	0.38
KAFB-106142-030	SV142-030-212	4/6/2021	N	Benzene	0.91	J	ug/m3	Y	0.41
KAFB-106142-030	SV142-030-212	4/6/2021	N	Chloromethane	< 1.7	U	ug/m3	N	0.46
KAFB-106142-030	SV142-030-212	4/6/2021	N	Chloroethane	< 1.7	U	ug/m3	N	0.35
KAFB-106142-030	SV142-030-212	4/6/2021	N	Vinyl chloride	< 0.91	U	ug/m3	N	0.3
KAFB-106142-030	SV142-030-212	4/6/2021	N	Methylene chloride	0.85	J	ug/m3	Y	0.8
KAFB-106142-030	SV142-030-212	4/6/2021	N	Carbon disulfide	< 2.9	U	ug/m3	N	0.85
KAFB-106142-030	SV142-030-212	4/6/2021	N	Bromoform	< 1.7	U	ug/m3	N	0.59
KAFB-106142-030	SV142-030-212	4/6/2021	N	Bromodichloromethane	< 0.91	U	ug/m3	N	0.41
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.42
KAFB-106142-030	SV142-030-212	4/6/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.43
KAFB-106142-030	SV142-030-212	4/6/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.46

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	J	ug/m3	Y	0.4
KAFB-106142-030	SV142-030-212	4/6/2021	N	2-Butanone	9.5		ug/m3	Y	0.59
KAFB-106142-030	SV142-030-212	4/6/2021	N	Trichloroethene	< 0.91	U	ug/m3	N	0.38
KAFB-106142-030	SV142-030-212	4/6/2021	N	Naphthalene	32		ug/m3	Y	0.69
KAFB-106142-030	SV142-030-212	4/6/2021	N	o-Xylene	3.4		ug/m3	Y	0.41
KAFB-106142-030	SV142-030-212	4/6/2021	N	1,2,4-Trimethylbenzene	16		ug/m3	Y	0.39
KAFB-106142-050	SV142-050-212	4/6/2021	N	Ethylbenzene	0.46	J	ug/m3	Y	0.41
KAFB-106142-050	SV142-050-212	4/6/2021	N	Styrene	< 1.8	U	ug/m3	N	0.48
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,2-Dibromoethane	< 0.94	U	ug/m3	N	0.34
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,3-Butadiene	< 1.8	U	ug/m3	N	0.49
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,2-Dichloroethane	< 0.94	U	ug/m3	N	0.33
KAFB-106142-050	SV142-050-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.94	U	ug/m3	N	0.4
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,3,5-Trimethylbenzene	0.73	J	ug/m3	Y	0.43
KAFB-106142-050	SV142-050-212	4/6/2021	N	Toluene	1.4	J	ug/m3	Y	0.36
KAFB-106142-050	SV142-050-212	4/6/2021	N	Tetrahydrofuran	< 0.94	U	ug/m3	N	0.37
KAFB-106142-050	SV142-050-212	4/6/2021	N	Hexane	< 1.8	U	ug/m3	N	0.61
KAFB-106142-050	SV142-050-212	4/6/2021	N	Cyclohexane	< 1.9	U	ug/m3	N	0.83
KAFB-106142-050	SV142-050-212	4/6/2021	N	Propylene (propene)	0.99	J	ug/m3	Y	0.72
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.8	U	ug/m3	N	0.72
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,4-Dioxane	< 0.94	U	ug/m3	N	0.35
KAFB-106142-050	SV142-050-212	4/6/2021	N	Dibromochloromethane	< 0.94	U	ug/m3	N	0.39
KAFB-106142-050	SV142-050-212	4/6/2021	N	Tetrachloroethene	< 0.94	U	ug/m3	N	0.38
KAFB-106142-050	SV142-050-212	4/6/2021	N	Xylenes, total	2.6	J	ug/m3	Y	0.77
KAFB-106142-050	SV142-050-212	4/6/2021	N	Ethyl acetate	< 3.6	U	ug/m3	N	1.5
KAFB-106142-050	SV142-050-212	4/6/2021	N	n-Heptane	< 1.8	U	ug/m3	N	0.47
KAFB-106142-050	SV142-050-212	4/6/2021	N	m- & p-Xylenes	2	J	ug/m3	Y	0.77
KAFB-106142-050	SV142-050-212	4/6/2021	N	Carbon tetrachloride	< 0.94	U	ug/m3	N	0.41
KAFB-106142-050	SV142-050-212	4/6/2021	N	2-Hexanone	1.1	J	ug/m3	Y	0.36
KAFB-106142-050	SV142-050-212	4/6/2021	N	Ethanol	7	J	ug/m3	Y	2
KAFB-106142-050	SV142-050-212	4/6/2021	N	Isopropyl alcohol	1.6	J	ug/m3	Y	1.2
KAFB-106142-050	SV142-050-212	4/6/2021	N	Acetone	18	J	ug/m3	Y	6.6
KAFB-106142-050	SV142-050-212	4/6/2021	N	Chloroform	1.3	J	ug/m3	Y	0.39
KAFB-106142-050	SV142-050-212	4/6/2021	N	Benzene	0.51	J	ug/m3	Y	0.43
KAFB-106142-050	SV142-050-212	4/6/2021	N	Chloromethane	< 1.8	U	ug/m3	N	0.48
KAFB-106142-050	SV142-050-212	4/6/2021	N	Chloroethane	< 1.8	U	ug/m3	N	0.36
KAFB-106142-050	SV142-050-212	4/6/2021	N	Vinyl chloride	< 0.94	U	ug/m3	N	0.31
KAFB-106142-050	SV142-050-212	4/6/2021	N	Methylene chloride	< 1.8	U	ug/m3	N	0.83
KAFB-106142-050	SV142-050-212	4/6/2021	N	Carbon disulfide	34		ug/m3	Y	0.88
KAFB-106142-050	SV142-050-212	4/6/2021	N	Bromoform	< 1.8	U	ug/m3	N	0.61
KAFB-106142-050	SV142-050-212	4/6/2021	N	Bromodichloromethane	< 0.94	U	ug/m3	N	0.43
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,1-Dichloroethane	< 1.8	U	ug/m3	N	0.43
KAFB-106142-050	SV142-050-212	4/6/2021	N	Trichlorofluoromethane	1.5	J	ug/m3	Y	0.45
KAFB-106142-050	SV142-050-212	4/6/2021	N	Dichlorodifluoromethane	2.4	J	ug/m3	Y	0.48
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	J	ug/m3	Y	0.42
KAFB-106142-050	SV142-050-212	4/6/2021	N	2-Butanone	6.1		ug/m3	Y	0.61
KAFB-106142-050	SV142-050-212	4/6/2021	N	Trichloroethene	< 0.94	U	ug/m3	N	0.4
KAFB-106142-050	SV142-050-212	4/6/2021	N	Naphthalene	14		ug/m3	Y	0.72
KAFB-106142-050	SV142-050-212	4/6/2021	N	o-Xylene	0.65	J	ug/m3	Y	0.43
KAFB-106142-050	SV142-050-212	4/6/2021	N	1,2,4-Trimethylbenzene	3.5		ug/m3	Y	0.41
KAFB-106142-170	SV142-170-212	4/6/2021	N	Ethylbenzene	1.4	J	ug/m3	Y	0.33
KAFB-106142-170	SV142-170-212	4/6/2021	N	Styrene	0.44	J	ug/m3	Y	0.38
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,2-Dibromoethane	< 0.75	U	ug/m3	N	0.27
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,2-Dichloroethane	< 0.75	U	ug/m3	N	0.26
KAFB-106142-170	SV142-170-212	4/6/2021	N	4-Methyl-2-pentanone	0.6	J	ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,3,5-Trimethylbenzene	1.5	J	ug/m3	Y	0.34
KAFB-106142-170	SV142-170-212	4/6/2021	N	Toluene	9.9		ug/m3	Y	0.29
KAFB-106142-170	SV142-170-212	4/6/2021	N	Tetrahydrofuran	1	J	ug/m3	Y	0.3
KAFB-106142-170	SV142-170-212	4/6/2021	N	Hexane	3.3		ug/m3	Y	0.49
KAFB-106142-170	SV142-170-212	4/6/2021	N	Cyclohexane	1.3	J	ug/m3	Y	0.66
KAFB-106142-170	SV142-170-212	4/6/2021	N	Propylene (propene)	4.5		ug/m3	Y	0.58
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,4-Dioxane	< 0.75	U	ug/m3	N	0.28
KAFB-106142-170	SV142-170-212	4/6/2021	N	Dibromochloromethane	< 0.75	U	ug/m3	N	0.31
KAFB-106142-170	SV142-170-212	4/6/2021	N	Tetrachloroethene	0.66	J	ug/m3	Y	0.31
KAFB-106142-170	SV142-170-212	4/6/2021	N	Xylenes, total	8		ug/m3	Y	0.62
KAFB-106142-170	SV142-170-212	4/6/2021	N	Ethyl acetate	58		ug/m3	Y	1.2
KAFB-106142-170	SV142-170-212	4/6/2021	N	n-Heptane	2.2	J	ug/m3	Y	0.38
KAFB-106142-170	SV142-170-212	4/6/2021	N	m- & p-Xylenes	6.1		ug/m3	Y	0.62
KAFB-106142-170	SV142-170-212	4/6/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	0.33
KAFB-106142-170	SV142-170-212	4/6/2021	N	2-Hexanone	1.9	J	ug/m3	Y	0.29
KAFB-106142-170	SV142-170-212	4/6/2021	N	Ethanol	50		ug/m3	Y	1.6
KAFB-106142-170	SV142-170-212	4/6/2021	N	Isopropyl alcohol	22		ug/m3	Y	0.97
KAFB-106142-170	SV142-170-212	4/6/2021	N	Acetone	40		ug/m3	Y	5.3
KAFB-106142-170	SV142-170-212	4/6/2021	N	Chloroform	0.92	J	ug/m3	Y	0.31
KAFB-106142-170	SV142-170-212	4/6/2021	N	Benzene	1	J	ug/m3	Y	0.34
KAFB-106142-170	SV142-170-212	4/6/2021	N	Chloromethane	0.63	J	ug/m3	Y	0.38
KAFB-106142-170	SV142-170-212	4/6/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106142-170	SV142-170-212	4/6/2021	N	Vinyl chloride	< 0.75	U	ug/m3	N	0.25
KAFB-106142-170	SV142-170-212	4/6/2021	N	Methylene chloride	4.7		ug/m3	Y	0.66
KAFB-106142-170	SV142-170-212	4/6/2021	N	Carbon disulfide	8.1		ug/m3	Y	0.71
KAFB-106142-170	SV142-170-212	4/6/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106142-170	SV142-170-212	4/6/2021	N	Bromodichloromethane	< 0.75	U	ug/m3	N	0.34
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106142-170	SV142-170-212	4/6/2021	N	Trichlorofluoromethane	13		ug/m3	Y	0.36
KAFB-106142-170	SV142-170-212	4/6/2021	N	Dichlorodifluoromethane	17		ug/m3	Y	0.38
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.58	J	ug/m3	Y	0.34
KAFB-106142-170	SV142-170-212	4/6/2021	N	2-Butanone	7.6		ug/m3	Y	0.49
KAFB-106142-170	SV142-170-212	4/6/2021	N	Trichloroethene	< 0.75	U	ug/m3	N	0.32
KAFB-106142-170	SV142-170-212	4/6/2021	N	Naphthalene	5.8		ug/m3	Y	0.58
KAFB-106142-170	SV142-170-212	4/6/2021	N	o-Xylene	1.9	J	ug/m3	Y	0.34
KAFB-106142-170	SV142-170-212	4/6/2021	N	1,2,4-Trimethylbenzene	8.6		ug/m3	Y	0.33
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Ethylbenzene	< 1	U	ug/m3	N	0.44
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Styrene	< 1.9	U	ug/m3	N	0.51
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,2-Dibromoethane	< 1	U	ug/m3	N	0.36
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,3-Butadiene	< 1.9	U	ug/m3	N	0.52
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,2-Dichloroethane	< 1	U	ug/m3	N	0.35
KAFB-106142-170	SV142-170-612	4/6/2021	FD	4-Methyl-2-pentanone	0.8	J	ug/m3	Y	0.43
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,3,5-Trimethylbenzene	0.5	J	ug/m3	Y	0.45
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Toluene	1.3	J	ug/m3	Y	0.38
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Tetrahydrofuran	1.1	J	ug/m3	Y	0.39
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Hexane	< 1.9	U	ug/m3	N	0.65
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Cyclohexane	< 2	U	ug/m3	N	0.88
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Propylene (propene)	1.4	J	ug/m3	Y	0.76
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,2,4-Trichlorobenzene	< 1.9	U	ug/m3	N	0.76
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,4-Dioxane	2.3	J	ug/m3	Y	0.37
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Dibromochloromethane	< 1	U	ug/m3	N	0.41
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Tetrachloroethene	0.7	J	ug/m3	Y	0.41
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Xylenes, total	2.1	J	ug/m3	Y	0.82
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Ethyl acetate	< 3.8	U	ug/m3	N	1.6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106142-170	SV142-170-612	4/6/2021	FD	n-Heptane	< 1.9	U	ug/m3	N	0.5
KAFB-106142-170	SV142-170-612	4/6/2021	FD	m- & p-Xylenes	1.6	J	ug/m3	Y	0.82
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Carbon tetrachloride	1.6	J	ug/m3	Y	0.43
KAFB-106142-170	SV142-170-612	4/6/2021	FD	2-Hexanone	1.1	J	ug/m3	Y	0.39
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Ethanol	8.1	J	ug/m3	Y	2.2
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Isopropyl alcohol	1.4	J	ug/m3	Y	1.3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Acetone	33		ug/m3	Y	7.1
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Chloroform	0.79	J	ug/m3	Y	0.42
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Benzene	0.71	J	ug/m3	Y	0.45
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Chloromethane	< 1.9	U	ug/m3	N	0.51
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Chloroethane	< 1.9	U	ug/m3	N	0.39
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Vinyl chloride	< 1	U	ug/m3	N	0.33
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Methylene chloride	< 1.9	U	ug/m3	N	0.88
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Carbon disulfide	120		ug/m3	Y	0.94
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Bromoform	< 1.9	U	ug/m3	N	0.65
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Bromodichloromethane	< 1	U	ug/m3	N	0.45
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,1-Dichloroethane	< 1.9	U	ug/m3	N	0.46
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Trichlorofluoromethane	18		ug/m3	Y	0.48
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Dichlorodifluoromethane	23		ug/m3	Y	0.51
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	0.57	J	ug/m3	Y	0.45
KAFB-106142-170	SV142-170-612	4/6/2021	FD	2-Butanone	12		ug/m3	Y	0.65
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Trichloroethene	< 1	U	ug/m3	N	0.42
KAFB-106142-170	SV142-170-612	4/6/2021	FD	Naphthalene	2.6	J	ug/m3	Y	0.76
KAFB-106142-170	SV142-170-612	4/6/2021	FD	o-Xylene	0.5	J	ug/m3	Y	0.45
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1,2,4-Trimethylbenzene	2.7	J	ug/m3	Y	0.43
KAFB-106142-250	SV142-250-212	4/6/2021	N	Ethylbenzene	0.45	J	ug/m3	Y	0.37
KAFB-106142-250	SV142-250-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.29
KAFB-106142-250	SV142-250-212	4/6/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.36
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,3,5-Trimethylbenzene	0.7	J	ug/m3	Y	0.38
KAFB-106142-250	SV142-250-212	4/6/2021	N	Toluene	1.4	J	ug/m3	Y	0.32
KAFB-106142-250	SV142-250-212	4/6/2021	N	Tetrahydrofuran	1.7	J	ug/m3	Y	0.33
KAFB-106142-250	SV142-250-212	4/6/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106142-250	SV142-250-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.75
KAFB-106142-250	SV142-250-212	4/6/2021	N	Propylene (propene)	0.73	J	ug/m3	Y	0.65
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.31
KAFB-106142-250	SV142-250-212	4/6/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106142-250	SV142-250-212	4/6/2021	N	Tetrachloroethene	0.54	J	ug/m3	Y	0.34
KAFB-106142-250	SV142-250-212	4/6/2021	N	Xylenes, total	2.8	J	ug/m3	Y	0.7
KAFB-106142-250	SV142-250-212	4/6/2021	N	Ethyl acetate	2.1	J	ug/m3	Y	1.4
KAFB-106142-250	SV142-250-212	4/6/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.42
KAFB-106142-250	SV142-250-212	4/6/2021	N	m- & p-Xylenes	2.1	J	ug/m3	Y	0.7
KAFB-106142-250	SV142-250-212	4/6/2021	N	Carbon tetrachloride	1.8	J	ug/m3	Y	0.37
KAFB-106142-250	SV142-250-212	4/6/2021	N	2-Hexanone	0.72	J	ug/m3	Y	0.33
KAFB-106142-250	SV142-250-212	4/6/2021	N	Ethanol	16	J	ug/m3	Y	1.8
KAFB-106142-250	SV142-250-212	4/6/2021	N	Isopropyl alcohol	1.5	J	ug/m3	Y	1.1
KAFB-106142-250	SV142-250-212	4/6/2021	N	Acetone	16	J	ug/m3	Y	6
KAFB-106142-250	SV142-250-212	4/6/2021	N	Chloroform	1.7	J	ug/m3	Y	0.35
KAFB-106142-250	SV142-250-212	4/6/2021	N	Benzene	0.59	J	ug/m3	Y	0.38
KAFB-106142-250	SV142-250-212	4/6/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106142-250	SV142-250-212	4/6/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106142-250	SV142-250-212	4/6/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.28

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106142-250	SV142-250-212	4/6/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106142-250	SV142-250-212	4/6/2021	N	Carbon disulfide	6.7		ug/m3	Y	0.8
KAFB-106142-250	SV142-250-212	4/6/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106142-250	SV142-250-212	4/6/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.38
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106142-250	SV142-250-212	4/6/2021	N	Trichlorofluoromethane	18		ug/m3	Y	0.4
KAFB-106142-250	SV142-250-212	4/6/2021	N	Dichlorodifluoromethane	22		ug/m3	Y	0.43
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.58	J	ug/m3	Y	0.38
KAFB-106142-250	SV142-250-212	4/6/2021	N	2-Butanone	2.5	J	ug/m3	Y	0.55
KAFB-106142-250	SV142-250-212	4/6/2021	N	Trichloroethene	< 0.85	U	ug/m3	N	0.36
KAFB-106142-250	SV142-250-212	4/6/2021	N	Naphthalene	7.2		ug/m3	Y	0.65
KAFB-106142-250	SV142-250-212	4/6/2021	N	o-Xylene	0.69	J	ug/m3	Y	0.38
KAFB-106142-250	SV142-250-212	4/6/2021	N	1,2,4-Trimethylbenzene	3.8		ug/m3	Y	0.37
KAFB-106142-350	SV142-350-212	4/6/2021	N	Ethylbenzene	0.68	J	ug/m3	Y	0.37
KAFB-106142-350	SV142-350-212	4/6/2021	N	Styrene	< 1.6	U	ug/m3	N	0.42
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,2-Dibromoethane	2	J	ug/m3	Y	0.3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.43
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,2-Dichloroethane	0.43	J	ug/m3	Y	0.29
KAFB-106142-350	SV142-350-212	4/6/2021	N	4-Methyl-2-pentanone	0.56	J	ug/m3	Y	0.36
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,3,5-Trimethylbenzene	0.45	J	ug/m3	Y	0.38
KAFB-106142-350	SV142-350-212	4/6/2021	N	Toluene	1.3	J	ug/m3	Y	0.32
KAFB-106142-350	SV142-350-212	4/6/2021	N	Tetrahydrofuran	3.8	J	ug/m3	Y	0.33
KAFB-106142-350	SV142-350-212	4/6/2021	N	Hexane	1.9	J	ug/m3	Y	0.54
KAFB-106142-350	SV142-350-212	4/6/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.74
KAFB-106142-350	SV142-350-212	4/6/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.64
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,4-Dioxane	1.7	J	ug/m3	Y	0.31
KAFB-106142-350	SV142-350-212	4/6/2021	N	Dibromochloromethane	5.2		ug/m3	Y	0.34
KAFB-106142-350	SV142-350-212	4/6/2021	N	Tetrachloroethene	< 0.83	U	ug/m3	N	0.34
KAFB-106142-350	SV142-350-212	4/6/2021	N	Xylenes, total	2.5	J	ug/m3	Y	0.69
KAFB-106142-350	SV142-350-212	4/6/2021	N	Ethyl acetate	2.6	J	ug/m3	Y	1.4
KAFB-106142-350	SV142-350-212	4/6/2021	N	n-Heptane	0.71	J	ug/m3	Y	0.42
KAFB-106142-350	SV142-350-212	4/6/2021	N	m- & p-Xylenes	2	J	ug/m3	Y	0.69
KAFB-106142-350	SV142-350-212	4/6/2021	N	Carbon tetrachloride	1.7	J	ug/m3	Y	0.36
KAFB-106142-350	SV142-350-212	4/6/2021	N	2-Hexanone	0.93	J	ug/m3	Y	0.32
KAFB-106142-350	SV142-350-212	4/6/2021	N	Ethanol	11	J	ug/m3	Y	1.8
KAFB-106142-350	SV142-350-212	4/6/2021	N	Isopropyl alcohol	1.6	J	ug/m3	Y	1.1
KAFB-106142-350	SV142-350-212	4/6/2021	N	Acetone	46		ug/m3	Y	5.9
KAFB-106142-350	SV142-350-212	4/6/2021	N	Chloroform	7.7		ug/m3	Y	0.35
KAFB-106142-350	SV142-350-212	4/6/2021	N	Benzene	0.58	J	ug/m3	Y	0.38
KAFB-106142-350	SV142-350-212	4/6/2021	N	Chloromethane	6.8		ug/m3	Y	0.42
KAFB-106142-350	SV142-350-212	4/6/2021	N	Chloroethane	0.79	J	ug/m3	Y	0.32
KAFB-106142-350	SV142-350-212	4/6/2021	N	Vinyl chloride	< 0.83	U	ug/m3	N	0.28
KAFB-106142-350	SV142-350-212	4/6/2021	N	Methylene chloride	0.99	J	ug/m3	Y	0.74
KAFB-106142-350	SV142-350-212	4/6/2021	N	Carbon disulfide	9.8		ug/m3	Y	0.78
KAFB-106142-350	SV142-350-212	4/6/2021	N	Bromoform	13		ug/m3	Y	0.54
KAFB-106142-350	SV142-350-212	4/6/2021	N	Bromodichloromethane	3.4		ug/m3	Y	0.38
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106142-350	SV142-350-212	4/6/2021	N	Trichlorofluoromethane	6.5		ug/m3	Y	0.4
KAFB-106142-350	SV142-350-212	4/6/2021	N	Dichlorodifluoromethane	4.7		ug/m3	Y	0.43
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.83	U	ug/m3	N	0.37
KAFB-106142-350	SV142-350-212	4/6/2021	N	2-Butanone	6.7		ug/m3	Y	0.54
KAFB-106142-350	SV142-350-212	4/6/2021	N	Trichloroethene	< 0.83	U	ug/m3	N	0.35
KAFB-106142-350	SV142-350-212	4/6/2021	N	Naphthalene	2.1	J	ug/m3	Y	0.64
KAFB-106142-350	SV142-350-212	4/6/2021	N	o-Xylene	0.52	J	ug/m3	Y	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106142-350	SV142-350-212	4/6/2021	N	1,2,4-Trimethylbenzene	2.2	J	ug/m3	Y	0.36
KAFB-106142-450	SV142-450-212	4/6/2021	N	Hexane	2000		ug/m3	Y	120
KAFB-106142-450	SV142-450-212	4/6/2021	N	Ethylbenzene	16		ug/m3	Y	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	Styrene	< 6.8	U	ug/m3	N	1.8
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,2-Dibromoethane	< 3.6	U	ug/m3	N	1.3
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,3-Butadiene	< 6.8	U	ug/m3	N	1.9
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,2-Dichloroethane	< 3.6	U	ug/m3	N	1.3
KAFB-106142-450	SV142-450-212	4/6/2021	N	4-Methyl-2-pentanone	< 3.6	U	ug/m3	N	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,3,5-Trimethylbenzene	43		ug/m3	Y	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	Toluene	120		ug/m3	Y	1.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Tetrahydrofuran	1.6	J	ug/m3	Y	1.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Cyclohexane	1500		ug/m3	Y	3.2
KAFB-106142-450	SV142-450-212	4/6/2021	N	Propylene (propene)	< 6.8	U	ug/m3	N	2.8
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,2,4-Trichlorobenzene	< 6.8	U	ug/m3	N	2.8
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,4-Dioxane	< 3.6	U	ug/m3	N	1.3
KAFB-106142-450	SV142-450-212	4/6/2021	N	Dibromochloromethane	< 3.6	U	ug/m3	N	1.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	Tetrachloroethene	< 3.6	U	ug/m3	N	1.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	Xylenes, total	190		ug/m3	Y	3
KAFB-106142-450	SV142-450-212	4/6/2021	N	Ethyl acetate	< 14	U	ug/m3	N	6
KAFB-106142-450	SV142-450-212	4/6/2021	N	n-Heptane	1800		ug/m3	Y	1.8
KAFB-106142-450	SV142-450-212	4/6/2021	N	m- & p-Xylenes	17	J	ug/m3	Y	3
KAFB-106142-450	SV142-450-212	4/6/2021	N	Carbon tetrachloride	< 3.6	U	ug/m3	N	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	2-Hexanone	< 3.6	U	ug/m3	N	1.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Ethanol	< 18	U	ug/m3	N	7.9
KAFB-106142-450	SV142-450-212	4/6/2021	N	Isopropyl alcohol	5.1	J	ug/m3	Y	4.7
KAFB-106142-450	SV142-450-212	4/6/2021	N	Acetone	< 58	U	ug/m3	N	26
KAFB-106142-450	SV142-450-212	4/6/2021	N	Chloroform	< 3.6	U	ug/m3	N	1.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	Benzene	240		ug/m3	Y	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	Chloromethane	< 6.8	U	ug/m3	N	1.8
KAFB-106142-450	SV142-450-212	4/6/2021	N	Chloroethane	< 6.8	U	ug/m3	N	1.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Vinyl chloride	< 3.6	U	ug/m3	N	1.2
KAFB-106142-450	SV142-450-212	4/6/2021	N	Methylene chloride	< 6.8	U	ug/m3	N	3.2
KAFB-106142-450	SV142-450-212	4/6/2021	N	Carbon disulfide	23		ug/m3	Y	3.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Bromoform	< 6.8	U	ug/m3	N	2.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Bromodichloromethane	< 3.6	U	ug/m3	N	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,1-Dichloroethane	< 7.1	U	ug/m3	N	1.7
KAFB-106142-450	SV142-450-212	4/6/2021	N	Trichlorofluoromethane	4	J	ug/m3	Y	1.7
KAFB-106142-450	SV142-450-212	4/6/2021	N	Dichlorodifluoromethane	3.7	J	ug/m3	Y	1.9
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 3.6	U	ug/m3	N	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	2-Butanone	3.9	J	ug/m3	Y	2.4
KAFB-106142-450	SV142-450-212	4/6/2021	N	Trichloroethene	< 3.6	U	ug/m3	N	1.5
KAFB-106142-450	SV142-450-212	4/6/2021	N	Naphthalene	< 6.6	U	ug/m3	N	2.8
KAFB-106142-450	SV142-450-212	4/6/2021	N	o-Xylene	170		ug/m3	Y	1.6
KAFB-106142-450	SV142-450-212	4/6/2021	N	1,2,4-Trimethylbenzene	3.4	J	ug/m3	Y	1.6
SVEW-06-060	SVE06-060-212	4/5/2021	N	Ethylbenzene	76000		ug/m3	Y	710
SVEW-06-060	SVE06-060-212	4/5/2021	N	Styrene	< 3000	U	ug/m3	N	810
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,2-Dibromoethane	< 1600	U	ug/m3	N	580
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,3-Butadiene	< 3000	U	ug/m3	N	830
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,2-Dichloroethane	< 1600	U	ug/m3	N	550
SVEW-06-060	SVE06-060-212	4/5/2021	N	4-Methyl-2-pentanone	1100	J	ug/m3	Y	690
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,3,5-Trimethylbenzene	7300		ug/m3	Y	720
SVEW-06-060	SVE06-060-212	4/5/2021	N	Toluene	340000		ug/m3	Y	610
SVEW-06-060	SVE06-060-212	4/5/2021	N	Tetrahydrofuran	< 1600	U	ug/m3	N	630
SVEW-06-060	SVE06-060-212	4/5/2021	N	Hexane	820000		ug/m3	Y	1000
SVEW-06-060	SVE06-060-212	4/5/2021	N	Cyclohexane	790000		ug/m3	Y	1400

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-06-060	SVE06-060-212	4/5/2021	N	Propylene (propene)	4300	J	ug/m3	Y	1200
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 3000	U	ug/m3	N	1200
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,4-Dioxane	< 1600	U	ug/m3	N	590
SVEW-06-060	SVE06-060-212	4/5/2021	N	Dibromochloromethane	< 1600	U	ug/m3	N	660
SVEW-06-060	SVE06-060-212	4/5/2021	N	Tetrachloroethene	< 1600	U	ug/m3	N	650
SVEW-06-060	SVE06-060-212	4/5/2021	N	Xylenes, total	110000		ug/m3	Y	1300
SVEW-06-060	SVE06-060-212	4/5/2021	N	Ethyl acetate	< 6100	U	ug/m3	N	2600
SVEW-06-060	SVE06-060-212	4/5/2021	N	n-Heptane	730000		ug/m3	Y	800
SVEW-06-060	SVE06-060-212	4/5/2021	N	m- & p-Xylenes	78000		ug/m3	Y	1300
SVEW-06-060	SVE06-060-212	4/5/2021	N	Carbon tetrachloride	< 1600	U	ug/m3	N	700
SVEW-06-060	SVE06-060-212	4/5/2021	N	2-Hexanone	< 1600	U	ug/m3	N	620
SVEW-06-060	SVE06-060-212	4/5/2021	N	Ethanol	27000	J	ug/m3	Y	3500
SVEW-06-060	SVE06-060-212	4/5/2021	N	Isopropyl alcohol	6200	J	ug/m3	Y	2100
SVEW-06-060	SVE06-060-212	4/5/2021	N	Acetone	140000		ug/m3	Y	11000
SVEW-06-060	SVE06-060-212	4/5/2021	N	Chloroform	< 1600	U	ug/m3	N	670
SVEW-06-060	SVE06-060-212	4/5/2021	N	Benzene	150000		ug/m3	Y	720
SVEW-06-060	SVE06-060-212	4/5/2021	N	Chloromethane	< 3000	U	ug/m3	N	810
SVEW-06-060	SVE06-060-212	4/5/2021	N	Chloroethane	< 3000	U	ug/m3	N	620
SVEW-06-060	SVE06-060-212	4/5/2021	N	Vinyl chloride	< 1600	U	ug/m3	N	540
SVEW-06-060	SVE06-060-212	4/5/2021	N	Methylene chloride	< 3000	U	ug/m3	N	1400
SVEW-06-060	SVE06-060-212	4/5/2021	N	Carbon disulfide	< 5100	U	ug/m3	N	1500
SVEW-06-060	SVE06-060-212	4/5/2021	N	Bromoform	< 3000	U	ug/m3	N	1000
SVEW-06-060	SVE06-060-212	4/5/2021	N	Bromodichloromethane	< 1600	U	ug/m3	N	720
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,1-Dichloroethane	< 3100	U	ug/m3	N	730
SVEW-06-060	SVE06-060-212	4/5/2021	N	Trichlorofluoromethane	< 3000	U	ug/m3	N	760
SVEW-06-060	SVE06-060-212	4/5/2021	N	Dichlorodifluoromethane	< 3000	U	ug/m3	N	820
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1600	U	ug/m3	N	710
SVEW-06-060	SVE06-060-212	4/5/2021	N	2-Butanone	31000		ug/m3	Y	1000
SVEW-06-060	SVE06-060-212	4/5/2021	N	Trichloroethene	< 1600	U	ug/m3	N	680
SVEW-06-060	SVE06-060-212	4/5/2021	N	Naphthalene	< 2900	U	ug/m3	N	1200
SVEW-06-060	SVE06-060-212	4/5/2021	N	o-Xylene	29000		ug/m3	Y	720
SVEW-06-060	SVE06-060-212	4/5/2021	N	1,2,4-Trimethylbenzene	21000		ug/m3	Y	700
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Ethylbenzene	63000		ug/m3	Y	630
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Styrene	< 2700	U	ug/m3	N	730
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,2-Dibromoethane	< 1400	U	ug/m3	N	520
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,3-Butadiene	< 2700	U	ug/m3	N	740
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,2-Dichloroethane	< 1400	U	ug/m3	N	500
SVEW-06-060	SVE06-060-612	4/5/2021	FD	4-Methyl-2-pentanone	1100	J	ug/m3	Y	620
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,3,5-Trimethylbenzene	4800		ug/m3	Y	650
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Toluene	310000		ug/m3	Y	550
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Tetrahydrofuran	< 1400	U	ug/m3	N	570
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Hexane	800000		ug/m3	Y	930
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Cyclohexane	760000		ug/m3	Y	1300
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Propylene (propene)	4200	J	ug/m3	Y	1100
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,2,4-Trichlorobenzene	< 2700	U	ug/m3	N	1100
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,4-Dioxane	< 1400	U	ug/m3	N	530
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Dibromochloromethane	< 1400	U	ug/m3	N	590
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Tetrachloroethene	< 1400	U	ug/m3	N	580
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Xylenes, total	85000		ug/m3	Y	1200
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Ethyl acetate	< 5500	U	ug/m3	N	2400
SVEW-06-060	SVE06-060-612	4/5/2021	FD	n-Heptane	690000		ug/m3	Y	720
SVEW-06-060	SVE06-060-612	4/5/2021	FD	m- & p-Xylenes	62000		ug/m3	Y	1200
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Carbon tetrachloride	< 1400	U	ug/m3	N	620
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2-Hexanone	< 1400	U	ug/m3	N	560
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Ethanol	24000	J	ug/m3	Y	3100

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Isopropyl alcohol	5300	J	ug/m3	Y	1900
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Acetone	140000		ug/m3	Y	10000
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Chloroform	< 1400	U	ug/m3	N	600
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Benzene	140000		ug/m3	Y	650
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Chloromethane	< 2700	U	ug/m3	N	730
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Chloroethane	< 2700	U	ug/m3	N	560
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Vinyl chloride	< 1400	U	ug/m3	N	480
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Methylene chloride	< 2700	U	ug/m3	N	1300
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Carbon disulfide	< 4600	U	ug/m3	N	1300
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Bromoform	< 2700	U	ug/m3	N	930
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Bromodichloromethane	< 1400	U	ug/m3	N	650
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,1-Dichloroethane	< 2800	U	ug/m3	N	660
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Trichlorofluoromethane	< 2700	U	ug/m3	N	680
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Dichlorodifluoromethane	< 2700	U	ug/m3	N	730
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1400	U	ug/m3	N	640
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2-Butanone	30000		ug/m3	Y	930
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Trichloroethene	< 1400	U	ug/m3	N	610
SVEW-06-060	SVE06-060-612	4/5/2021	FD	Naphthalene	< 2600	U	ug/m3	N	1100
SVEW-06-060	SVE06-060-612	4/5/2021	FD	o-Xylene	22000		ug/m3	Y	650
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1,2,4-Trimethylbenzene	13000		ug/m3	Y	620
SVEW-07-160	SVE07-160-212	4/5/2021	N	Ethylbenzene	47000		ug/m3	Y	820
SVEW-07-160	SVE07-160-212	4/5/2021	N	Styrene	< 3500	U	ug/m3	N	940
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,2-Dibromoethane	< 1900	U	ug/m3	N	680
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,3-Butadiene	< 3500	U	ug/m3	N	960
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,2-Dichloroethane	< 1900	U	ug/m3	N	640
SVEW-07-160	SVE07-160-212	4/5/2021	N	4-Methyl-2-pentanone	4100	J	ug/m3	Y	800
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,3,5-Trimethylbenzene	3800	J	ug/m3	Y	840
SVEW-07-160	SVE07-160-212	4/5/2021	N	Toluene	390000		ug/m3	Y	710
SVEW-07-160	SVE07-160-212	4/5/2021	N	Tetrahydrofuran	< 1900	U	ug/m3	N	730
SVEW-07-160	SVE07-160-212	4/5/2021	N	Hexane	890000		ug/m3	Y	1200
SVEW-07-160	SVE07-160-212	4/5/2021	N	Cyclohexane	430000		ug/m3	Y	1600
SVEW-07-160	SVE07-160-212	4/5/2021	N	Propylene (propene)	< 3500	U	ug/m3	N	1400
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 3500	U	ug/m3	N	1400
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,4-Dioxane	< 1900	U	ug/m3	N	690
SVEW-07-160	SVE07-160-212	4/5/2021	N	Dibromochloromethane	< 1900	U	ug/m3	N	760
SVEW-07-160	SVE07-160-212	4/5/2021	N	Tetrachloroethene	< 1900	U	ug/m3	N	750
SVEW-07-160	SVE07-160-212	4/5/2021	N	Xylenes, total	120000		ug/m3	Y	1500
SVEW-07-160	SVE07-160-212	4/5/2021	N	Ethyl acetate	< 7100	U	ug/m3	N	3100
SVEW-07-160	SVE07-160-212	4/5/2021	N	n-Heptane	640000		ug/m3	Y	930
SVEW-07-160	SVE07-160-212	4/5/2021	N	m- & p-Xylenes	89000		ug/m3	Y	1500
SVEW-07-160	SVE07-160-212	4/5/2021	N	Carbon tetrachloride	< 1900	U	ug/m3	N	810
SVEW-07-160	SVE07-160-212	4/5/2021	N	2-Hexanone	< 1900	U	ug/m3	N	720
SVEW-07-160	SVE07-160-212	4/5/2021	N	Ethanol	24000	J	ug/m3	Y	4000
SVEW-07-160	SVE07-160-212	4/5/2021	N	Isopropyl alcohol	5100	J	ug/m3	Y	2400
SVEW-07-160	SVE07-160-212	4/5/2021	N	Acetone	330000		ug/m3	Y	13000
SVEW-07-160	SVE07-160-212	4/5/2021	N	Chloroform	< 1900	U	ug/m3	N	770
SVEW-07-160	SVE07-160-212	4/5/2021	N	Benzene	190000		ug/m3	Y	840
SVEW-07-160	SVE07-160-212	4/5/2021	N	Chloromethane	< 3500	U	ug/m3	N	940
SVEW-07-160	SVE07-160-212	4/5/2021	N	Chloroethane	< 3500	U	ug/m3	N	720
SVEW-07-160	SVE07-160-212	4/5/2021	N	Vinyl chloride	< 1900	U	ug/m3	N	620
SVEW-07-160	SVE07-160-212	4/5/2021	N	Methylene chloride	< 3500	U	ug/m3	N	1600
SVEW-07-160	SVE07-160-212	4/5/2021	N	Carbon disulfide	< 5900	U	ug/m3	N	1700
SVEW-07-160	SVE07-160-212	4/5/2021	N	Bromoform	< 3500	U	ug/m3	N	1200
SVEW-07-160	SVE07-160-212	4/5/2021	N	Bromodichloromethane	< 1900	U	ug/m3	N	840
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,1-Dichloroethane	< 3600	U	ug/m3	N	850

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-07-160	SVE07-160-212	4/5/2021	N	Trichlorofluoromethane	< 3500	U	ug/m3	N	880
SVEW-07-160	SVE07-160-212	4/5/2021	N	Dichlorodifluoromethane	< 3500	U	ug/m3	N	950
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 1900	U	ug/m3	N	830
SVEW-07-160	SVE07-160-212	4/5/2021	N	2-Butanone	120000		ug/m3	Y	1200
SVEW-07-160	SVE07-160-212	4/5/2021	N	Trichloroethene	< 1900	U	ug/m3	N	780
SVEW-07-160	SVE07-160-212	4/5/2021	N	Naphthalene	< 3400	U	ug/m3	N	1400
SVEW-07-160	SVE07-160-212	4/5/2021	N	o-Xylene	28000		ug/m3	Y	840
SVEW-07-160	SVE07-160-212	4/5/2021	N	1,2,4-Trimethylbenzene	8700		ug/m3	Y	810
SVEW-08-260	SVE08-260-212	4/5/2021	N	Ethylbenzene	74	J	ug/m3	Y	62
SVEW-08-260	SVE08-260-212	4/5/2021	N	Styrene	< 270	U	ug/m3	N	72
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,2-Dibromoethane	< 140	U	ug/m3	N	52
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,3-Butadiene	< 270	U	ug/m3	N	73
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,2-Dichloroethane	< 140	U	ug/m3	N	49
SVEW-08-260	SVE08-260-212	4/5/2021	N	4-Methyl-2-pentanone	< 140	U	ug/m3	N	61
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 140	U	ug/m3	N	64
SVEW-08-260	SVE08-260-212	4/5/2021	N	Toluene	< 140	U	ug/m3	N	54
SVEW-08-260	SVE08-260-212	4/5/2021	N	Tetrahydrofuran	< 140	U	ug/m3	N	56
SVEW-08-260	SVE08-260-212	4/5/2021	N	Hexane	3900		ug/m3	Y	92
SVEW-08-260	SVE08-260-212	4/5/2021	N	Cyclohexane	6100		ug/m3	Y	120
SVEW-08-260	SVE08-260-212	4/5/2021	N	Propylene (propene)	< 270	U	ug/m3	N	110
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 270	U	ug/m3	N	110
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,4-Dioxane	< 140	U	ug/m3	N	52
SVEW-08-260	SVE08-260-212	4/5/2021	N	Dibromochloromethane	< 140	U	ug/m3	N	58
SVEW-08-260	SVE08-260-212	4/5/2021	N	Tetrachloroethene	< 140	U	ug/m3	N	57
SVEW-08-260	SVE08-260-212	4/5/2021	N	Xylenes, total	< 280	U	ug/m3	N	120
SVEW-08-260	SVE08-260-212	4/5/2021	N	Ethyl acetate	< 540	U	ug/m3	N	230
SVEW-08-260	SVE08-260-212	4/5/2021	N	n-Heptane	1700		ug/m3	Y	71
SVEW-08-260	SVE08-260-212	4/5/2021	N	m- & p-Xylenes	< 280	U	ug/m3	N	120
SVEW-08-260	SVE08-260-212	4/5/2021	N	Carbon tetrachloride	< 140	U	ug/m3	N	62
SVEW-08-260	SVE08-260-212	4/5/2021	N	2-Hexanone	< 140	U	ug/m3	N	55
SVEW-08-260	SVE08-260-212	4/5/2021	N	Ethanol	1000	J	ug/m3	Y	310
SVEW-08-260	SVE08-260-212	4/5/2021	N	Isopropyl alcohol	< 520	U	ug/m3	N	180
SVEW-08-260	SVE08-260-212	4/5/2021	N	Acetone	< 2200	U	ug/m3	N	1000
SVEW-08-260	SVE08-260-212	4/5/2021	N	Chloroform	< 140	U	ug/m3	N	59
SVEW-08-260	SVE08-260-212	4/5/2021	N	Benzene	13000		ug/m3	Y	64
SVEW-08-260	SVE08-260-212	4/5/2021	N	Chloromethane	< 270	U	ug/m3	N	72
SVEW-08-260	SVE08-260-212	4/5/2021	N	Chloroethane	< 270	U	ug/m3	N	55
SVEW-08-260	SVE08-260-212	4/5/2021	N	Vinyl chloride	< 140	U	ug/m3	N	47
SVEW-08-260	SVE08-260-212	4/5/2021	N	Methylene chloride	< 270	U	ug/m3	N	120
SVEW-08-260	SVE08-260-212	4/5/2021	N	Carbon disulfide	< 450	U	ug/m3	N	130
SVEW-08-260	SVE08-260-212	4/5/2021	N	Bromoform	< 270	U	ug/m3	N	92
SVEW-08-260	SVE08-260-212	4/5/2021	N	Bromodichloromethane	< 140	U	ug/m3	N	64
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,1-Dichloroethane	< 270	U	ug/m3	N	65
SVEW-08-260	SVE08-260-212	4/5/2021	N	Trichlorofluoromethane	< 270	U	ug/m3	N	67
SVEW-08-260	SVE08-260-212	4/5/2021	N	Dichlorodifluoromethane	< 270	U	ug/m3	N	72
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 140	U	ug/m3	N	63
SVEW-08-260	SVE08-260-212	4/5/2021	N	2-Butanone	220	J	ug/m3	Y	92
SVEW-08-260	SVE08-260-212	4/5/2021	N	Trichloroethene	< 140	U	ug/m3	N	60
SVEW-08-260	SVE08-260-212	4/5/2021	N	Naphthalene	< 260	U	ug/m3	N	110
SVEW-08-260	SVE08-260-212	4/5/2021	N	o-Xylene	< 140	U	ug/m3	N	64
SVEW-08-260	SVE08-260-212	4/5/2021	N	1,2,4-Trimethylbenzene	< 140	U	ug/m3	N	62
SVEW-09-460	SVE09-460-212	4/5/2021	N	Ethylbenzene	22	J	ug/m3	Y	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	Styrene	< 63	U	ug/m3	N	17
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,2-Dibromoethane	< 34	U	ug/m3	N	12
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,3-Butadiene	< 63	U	ug/m3	N	17

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,2-Dichloroethane	< 34	U	ug/m3	N	12
SVEW-09-460	SVE09-460-212	4/5/2021	N	4-Methyl-2-pentanone	< 34	U	ug/m3	N	14
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,3,5-Trimethylbenzene	< 34	U	ug/m3	N	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	Toluene	< 34	U	ug/m3	N	13
SVEW-09-460	SVE09-460-212	4/5/2021	N	Tetrahydrofuran	< 34	U	ug/m3	N	13
SVEW-09-460	SVE09-460-212	4/5/2021	N	Hexane	530		ug/m3	Y	22
SVEW-09-460	SVE09-460-212	4/5/2021	N	Cyclohexane	1100		ug/m3	Y	30
SVEW-09-460	SVE09-460-212	4/5/2021	N	Propylene (propene)	< 63	U	ug/m3	N	26
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,2,4-Trichlorobenzene	< 63	U	ug/m3	N	26
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,4-Dioxane	< 34	U	ug/m3	N	12
SVEW-09-460	SVE09-460-212	4/5/2021	N	Dibromochloromethane	< 34	U	ug/m3	N	14
SVEW-09-460	SVE09-460-212	4/5/2021	N	Tetrachloroethene	< 34	U	ug/m3	N	14
SVEW-09-460	SVE09-460-212	4/5/2021	N	Xylenes, total	61	J	ug/m3	Y	28
SVEW-09-460	SVE09-460-212	4/5/2021	N	Ethyl acetate	< 130	U	ug/m3	N	55
SVEW-09-460	SVE09-460-212	4/5/2021	N	n-Heptane	310		ug/m3	Y	17
SVEW-09-460	SVE09-460-212	4/5/2021	N	m- & p-Xylenes	44	J	ug/m3	Y	28
SVEW-09-460	SVE09-460-212	4/5/2021	N	Carbon tetrachloride	< 34	U	ug/m3	N	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	2-Hexanone	< 34	U	ug/m3	N	13
SVEW-09-460	SVE09-460-212	4/5/2021	N	Ethanol	210	J	ug/m3	Y	73
SVEW-09-460	SVE09-460-212	4/5/2021	N	Isopropyl alcohol	< 120	U	ug/m3	N	44
SVEW-09-460	SVE09-460-212	4/5/2021	N	Acetone	< 530	U	ug/m3	N	240
SVEW-09-460	SVE09-460-212	4/5/2021	N	Chloroform	< 34	U	ug/m3	N	14
SVEW-09-460	SVE09-460-212	4/5/2021	N	Benzene	2000		ug/m3	Y	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	Chloromethane	< 63	U	ug/m3	N	17
SVEW-09-460	SVE09-460-212	4/5/2021	N	Chloroethane	< 63	U	ug/m3	N	13
SVEW-09-460	SVE09-460-212	4/5/2021	N	Vinyl chloride	< 34	U	ug/m3	N	11
SVEW-09-460	SVE09-460-212	4/5/2021	N	Methylene chloride	< 63	U	ug/m3	N	30
SVEW-09-460	SVE09-460-212	4/5/2021	N	Carbon disulfide	< 110	U	ug/m3	N	32
SVEW-09-460	SVE09-460-212	4/5/2021	N	Bromoform	< 63	U	ug/m3	N	22
SVEW-09-460	SVE09-460-212	4/5/2021	N	Bromodichloromethane	< 34	U	ug/m3	N	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,1-Dichloroethane	< 65	U	ug/m3	N	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	Trichlorofluoromethane	< 63	U	ug/m3	N	16
SVEW-09-460	SVE09-460-212	4/5/2021	N	Dichlorodifluoromethane	< 63	U	ug/m3	N	17
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	70	J	ug/m3	Y	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	2-Butanone	32	J	ug/m3	Y	22
SVEW-09-460	SVE09-460-212	4/5/2021	N	Trichloroethene	< 34	U	ug/m3	N	14
SVEW-09-460	SVE09-460-212	4/5/2021	N	Naphthalene	< 61	U	ug/m3	N	26
SVEW-09-460	SVE09-460-212	4/5/2021	N	o-Xylene	17	J	ug/m3	Y	15
SVEW-09-460	SVE09-460-212	4/5/2021	N	1,2,4-Trimethylbenzene	31	J	ug/m3	Y	15
SVMW-10-250	SV10-250-212	4/20/2021	N	Ethylbenzene	600		ug/m3	Y	17
SVMW-10-250	SV10-250-212	4/20/2021	N	Styrene	< 71	U	ug/m3	N	19
SVMW-10-250	SV10-250-212	4/20/2021	N	1,2-Dibromoethane	100	J	ug/m3	Y	14
SVMW-10-250	SV10-250-212	4/20/2021	N	1,3-Butadiene	< 71	U	ug/m3	N	19
SVMW-10-250	SV10-250-212	4/20/2021	N	1,2-Dichloroethane	< 38	U	ug/m3	N	13
SVMW-10-250	SV10-250-212	4/20/2021	N	4-Methyl-2-pentanone	210	J	ug/m3	Y	16
SVMW-10-250	SV10-250-212	4/20/2021	N	1,3,5-Trimethylbenzene	450		ug/m3	Y	17
SVMW-10-250	SV10-250-212	4/20/2021	N	Toluene	8900		ug/m3	Y	14
SVMW-10-250	SV10-250-212	4/20/2021	N	Tetrahydrofuran	19	J	ug/m3	Y	15
SVMW-10-250	SV10-250-212	4/20/2021	N	Hexane	14000		ug/m3	Y	24
SVMW-10-250	SV10-250-212	4/20/2021	N	Cyclohexane	9900		ug/m3	Y	33
SVMW-10-250	SV10-250-212	4/20/2021	N	Propylene (propene)	3900	J	ug/m3	Y	29
SVMW-10-250	SV10-250-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 71	U	ug/m3	N	29
SVMW-10-250	SV10-250-212	4/20/2021	N	1,4-Dioxane	< 38	U	ug/m3	N	14
SVMW-10-250	SV10-250-212	4/20/2021	N	Dibromochloromethane	< 38	U	ug/m3	N	16
SVMW-10-250	SV10-250-212	4/20/2021	N	Tetrachloroethene	< 38	U	ug/m3	N	15

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-10-250	SV10-250-212	4/20/2021	N	Xylenes, total	4000		ug/m3	Y	31
SVMW-10-250	SV10-250-212	4/20/2021	N	Ethyl acetate	< 140	U	ug/m3	N	62
SVMW-10-250	SV10-250-212	4/20/2021	N	n-Heptane	10000		ug/m3	Y	19
SVMW-10-250	SV10-250-212	4/20/2021	N	m- & p-Xylenes	3000		ug/m3	Y	31
SVMW-10-250	SV10-250-212	4/20/2021	N	Carbon tetrachloride	< 38	U	ug/m3	N	16
SVMW-10-250	SV10-250-212	4/20/2021	N	2-Hexanone	< 38	U	ug/m3	N	15
SVMW-10-250	SV10-250-212	4/20/2021	N	Ethanol	380	J	ug/m3	Y	82
SVMW-10-250	SV10-250-212	4/20/2021	N	Isopropyl alcohol	400		ug/m3	Y	49
SVMW-10-250	SV10-250-212	4/20/2021	N	Acetone	15000		ug/m3	Y	270
SVMW-10-250	SV10-250-212	4/20/2021	N	Chloroform	< 38	U	ug/m3	N	16
SVMW-10-250	SV10-250-212	4/20/2021	N	Benzene	4900		ug/m3	Y	17
SVMW-10-250	SV10-250-212	4/20/2021	N	Chloromethane	< 71	U	ug/m3	N	19
SVMW-10-250	SV10-250-212	4/20/2021	N	Chloroethane	< 71	U	ug/m3	N	15
SVMW-10-250	SV10-250-212	4/20/2021	N	Vinyl chloride	< 38	U	ug/m3	N	13
SVMW-10-250	SV10-250-212	4/20/2021	N	Methylene chloride	< 71	U	ug/m3	N	33
SVMW-10-250	SV10-250-212	4/20/2021	N	Carbon disulfide	< 120	U	ug/m3	N	35
SVMW-10-250	SV10-250-212	4/20/2021	N	Bromoform	< 71	U	ug/m3	N	24
SVMW-10-250	SV10-250-212	4/20/2021	N	Bromodichloromethane	< 38	U	ug/m3	N	17
SVMW-10-250	SV10-250-212	4/20/2021	N	1,1-Dichloroethane	< 73	U	ug/m3	N	17
SVMW-10-250	SV10-250-212	4/20/2021	N	Trichlorofluoromethane	< 71	U	ug/m3	N	18
SVMW-10-250	SV10-250-212	4/20/2021	N	Dichlorodifluoromethane	< 71	U	ug/m3	N	19
SVMW-10-250	SV10-250-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 38	U	ug/m3	N	17
SVMW-10-250	SV10-250-212	4/20/2021	N	2-Butanone	4200		ug/m3	Y	24
SVMW-10-250	SV10-250-212	4/20/2021	N	Trichloroethene	< 38	U	ug/m3	N	16
SVMW-10-250	SV10-250-212	4/20/2021	N	Naphthalene	< 69	U	ug/m3	N	29
SVMW-10-250	SV10-250-212	4/20/2021	N	o-Xylene	980		ug/m3	Y	17
SVMW-10-250	SV10-250-212	4/20/2021	N	1,2,4-Trimethylbenzene	780		ug/m3	Y	16
SVMW-11-050	SV11-050-212	4/20/2021	N	Ethylbenzene	87000		ug/m3	Y	320
SVMW-11-050	SV11-050-212	4/20/2021	N	Styrene	< 1300	U	ug/m3	N	360
SVMW-11-050	SV11-050-212	4/20/2021	N	1,2-Dibromoethane	< 710	U	ug/m3	N	260
SVMW-11-050	SV11-050-212	4/20/2021	N	1,3-Butadiene	< 1300	U	ug/m3	N	370
SVMW-11-050	SV11-050-212	4/20/2021	N	1,2-Dichloroethane	< 710	U	ug/m3	N	250
SVMW-11-050	SV11-050-212	4/20/2021	N	4-Methyl-2-pentanone	1300	J	ug/m3	Y	310
SVMW-11-050	SV11-050-212	4/20/2021	N	1,3,5-Trimethylbenzene	23000		ug/m3	Y	320
SVMW-11-050	SV11-050-212	4/20/2021	N	Toluene	400000		ug/m3	Y	270
SVMW-11-050	SV11-050-212	4/20/2021	N	Tetrahydrofuran	< 710	U	ug/m3	N	280
SVMW-11-050	SV11-050-212	4/20/2021	N	Hexane	200000		ug/m3	Y	460
SVMW-11-050	SV11-050-212	4/20/2021	N	Cyclohexane	240000		ug/m3	Y	630
SVMW-11-050	SV11-050-212	4/20/2021	N	Propylene (propene)	4400		ug/m3	Y	550
SVMW-11-050	SV11-050-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1300	U	ug/m3	N	550
SVMW-11-050	SV11-050-212	4/20/2021	N	1,4-Dioxane	< 710	U	ug/m3	N	260
SVMW-11-050	SV11-050-212	4/20/2021	N	Dibromochloromethane	< 710	U	ug/m3	N	290
SVMW-11-050	SV11-050-212	4/20/2021	N	Tetrachloroethene	< 710	U	ug/m3	N	290
SVMW-11-050	SV11-050-212	4/20/2021	N	Xylenes, total	450000		ug/m3	Y	590
SVMW-11-050	SV11-050-212	4/20/2021	N	Ethyl acetate	< 2700	U	ug/m3	N	1200
SVMW-11-050	SV11-050-212	4/20/2021	N	n-Heptane	340000		ug/m3	Y	360
SVMW-11-050	SV11-050-212	4/20/2021	N	m- & p-Xylenes	340000		ug/m3	Y	590
SVMW-11-050	SV11-050-212	4/20/2021	N	Carbon tetrachloride	< 710	U	ug/m3	N	310
SVMW-11-050	SV11-050-212	4/20/2021	N	2-Hexanone	< 710	U	ug/m3	N	280
SVMW-11-050	SV11-050-212	4/20/2021	N	Ethanol	4900	J	ug/m3	Y	1600
SVMW-11-050	SV11-050-212	4/20/2021	N	Isopropyl alcohol	26000		ug/m3	Y	920
SVMW-11-050	SV11-050-212	4/20/2021	N	Acetone	170000		ug/m3	Y	5000
SVMW-11-050	SV11-050-212	4/20/2021	N	Chloroform	< 710	U	ug/m3	N	300
SVMW-11-050	SV11-050-212	4/20/2021	N	Benzene	66000		ug/m3	Y	320
SVMW-11-050	SV11-050-212	4/20/2021	N	Chloromethane	< 1300	U	ug/m3	N	360

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-11-050	SV11-050-212	4/20/2021	N	Chloroethane	< 1300	U	ug/m3	N	280
SVMW-11-050	SV11-050-212	4/20/2021	N	Vinyl chloride	< 710	U	ug/m3	N	240
SVMW-11-050	SV11-050-212	4/20/2021	N	Methylene chloride	< 1300	U	ug/m3	N	630
SVMW-11-050	SV11-050-212	4/20/2021	N	Carbon disulfide	< 2300	U	ug/m3	N	670
SVMW-11-050	SV11-050-212	4/20/2021	N	Bromoform	< 1300	U	ug/m3	N	460
SVMW-11-050	SV11-050-212	4/20/2021	N	Bromodichloromethane	< 710	U	ug/m3	N	320
SVMW-11-050	SV11-050-212	4/20/2021	N	1,1-Dichloroethane	< 1400	U	ug/m3	N	330
SVMW-11-050	SV11-050-212	4/20/2021	N	Trichlorofluoromethane	< 1300	U	ug/m3	N	340
SVMW-11-050	SV11-050-212	4/20/2021	N	Dichlorodifluoromethane	< 1300	U	ug/m3	N	370
SVMW-11-050	SV11-050-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 710	U	ug/m3	N	320
SVMW-11-050	SV11-050-212	4/20/2021	N	2-Butanone	22000		ug/m3	Y	460
SVMW-11-050	SV11-050-212	4/20/2021	N	Trichloroethene	< 710	U	ug/m3	N	300
SVMW-11-050	SV11-050-212	4/20/2021	N	Naphthalene	930	J	ug/m3	Y	550
SVMW-11-050	SV11-050-212	4/20/2021	N	o-Xylene	110000		ug/m3	Y	320
SVMW-11-050	SV11-050-212	4/20/2021	N	1,2,4-Trimethylbenzene	46000		ug/m3	Y	310
SVMW-11-100	SV11-100-212	4/20/2021	N	Ethylbenzene	16000		ug/m3	Y	220
SVMW-11-100	SV11-100-212	4/20/2021	N	Styrene	< 930	U	ug/m3	N	250
SVMW-11-100	SV11-100-212	4/20/2021	N	1,2-Dibromoethane	< 500	U	ug/m3	N	180
SVMW-11-100	SV11-100-212	4/20/2021	N	1,3-Butadiene	< 930	U	ug/m3	N	260
SVMW-11-100	SV11-100-212	4/20/2021	N	1,2-Dichloroethane	< 500	U	ug/m3	N	170
SVMW-11-100	SV11-100-212	4/20/2021	N	4-Methyl-2-pentanone	< 500	U	ug/m3	N	210
SVMW-11-100	SV11-100-212	4/20/2021	N	1,3,5-Trimethylbenzene	3000		ug/m3	Y	220
SVMW-11-100	SV11-100-212	4/20/2021	N	Toluene	180000		ug/m3	Y	190
SVMW-11-100	SV11-100-212	4/20/2021	N	Tetrahydrofuran	< 500	U	ug/m3	N	200
SVMW-11-100	SV11-100-212	4/20/2021	N	Hexane	160000		ug/m3	Y	320
SVMW-11-100	SV11-100-212	4/20/2021	N	Cyclohexane	320000		ug/m3	Y	440
SVMW-11-100	SV11-100-212	4/20/2021	N	Propylene (propene)	4500		ug/m3	Y	380
SVMW-11-100	SV11-100-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 930	U	ug/m3	N	380
SVMW-11-100	SV11-100-212	4/20/2021	N	1,4-Dioxane	< 500	U	ug/m3	N	180
SVMW-11-100	SV11-100-212	4/20/2021	N	Dibromochloromethane	< 500	U	ug/m3	N	200
SVMW-11-100	SV11-100-212	4/20/2021	N	Tetrachloroethene	< 500	U	ug/m3	N	200
SVMW-11-100	SV11-100-212	4/20/2021	N	Xylenes, total	73000		ug/m3	Y	410
SVMW-11-100	SV11-100-212	4/20/2021	N	Ethyl acetate	< 1900	U	ug/m3	N	820
SVMW-11-100	SV11-100-212	4/20/2021	N	n-Heptane	230000		ug/m3	Y	250
SVMW-11-100	SV11-100-212	4/20/2021	N	m- & p-Xylenes	56000		ug/m3	Y	410
SVMW-11-100	SV11-100-212	4/20/2021	N	Carbon tetrachloride	< 500	U	ug/m3	N	220
SVMW-11-100	SV11-100-212	4/20/2021	N	2-Hexanone	< 500	U	ug/m3	N	190
SVMW-11-100	SV11-100-212	4/20/2021	N	Ethanol	< 2400	U	ug/m3	N	1100
SVMW-11-100	SV11-100-212	4/20/2021	N	Isopropyl alcohol	2700	J	ug/m3	Y	640
SVMW-11-100	SV11-100-212	4/20/2021	N	Acetone	35000		ug/m3	Y	3500
SVMW-11-100	SV11-100-212	4/20/2021	N	Chloroform	< 500	U	ug/m3	N	210
SVMW-11-100	SV11-100-212	4/20/2021	N	Benzene	51000		ug/m3	Y	220
SVMW-11-100	SV11-100-212	4/20/2021	N	Chloromethane	< 930	U	ug/m3	N	250
SVMW-11-100	SV11-100-212	4/20/2021	N	Chloroethane	< 930	U	ug/m3	N	190
SVMW-11-100	SV11-100-212	4/20/2021	N	Vinyl chloride	< 500	U	ug/m3	N	170
SVMW-11-100	SV11-100-212	4/20/2021	N	Methylene chloride	< 930	U	ug/m3	N	440
SVMW-11-100	SV11-100-212	4/20/2021	N	Carbon disulfide	< 1600	U	ug/m3	N	470
SVMW-11-100	SV11-100-212	4/20/2021	N	Bromoform	< 930	U	ug/m3	N	320
SVMW-11-100	SV11-100-212	4/20/2021	N	Bromodichloromethane	< 500	U	ug/m3	N	220
SVMW-11-100	SV11-100-212	4/20/2021	N	1,1-Dichloroethane	< 960	U	ug/m3	N	230
SVMW-11-100	SV11-100-212	4/20/2021	N	Trichlorofluoromethane	< 930	U	ug/m3	N	240
SVMW-11-100	SV11-100-212	4/20/2021	N	Dichlorodifluoromethane	< 930	U	ug/m3	N	250
SVMW-11-100	SV11-100-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	U	ug/m3	N	220
SVMW-11-100	SV11-100-212	4/20/2021	N	2-Butanone	4400		ug/m3	Y	320
SVMW-11-100	SV11-100-212	4/20/2021	N	Trichloroethene	< 500	U	ug/m3	N	210

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-11-100	SV11-100-212	4/20/2021	N	Naphthalene	< 900	U	ug/m3	N	380
SVMW-11-100	SV11-100-212	4/20/2021	N	o-Xylene	17000		ug/m3	Y	220
SVMW-11-100	SV11-100-212	4/20/2021	N	1,2,4-Trimethylbenzene	4600		ug/m3	Y	220
SVMW-11-250	SV11-250-212	4/20/2021	N	Ethylbenzene	11000		ug/m3	Y	69
SVMW-11-250	SV11-250-212	4/20/2021	N	Styrene	< 290	U	ug/m3	N	79
SVMW-11-250	SV11-250-212	4/20/2021	N	1,2-Dibromoethane	< 160	U	ug/m3	N	57
SVMW-11-250	SV11-250-212	4/20/2021	N	1,3-Butadiene	< 290	U	ug/m3	N	81
SVMW-11-250	SV11-250-212	4/20/2021	N	1,2-Dichloroethane	< 160	U	ug/m3	N	54
SVMW-11-250	SV11-250-212	4/20/2021	N	4-Methyl-2-pentanone	< 160	U	ug/m3	N	67
SVMW-11-250	SV11-250-212	4/20/2021	N	1,3,5-Trimethylbenzene	1900		ug/m3	Y	70
SVMW-11-250	SV11-250-212	4/20/2021	N	Tetrahydrofuran	< 160	U	ug/m3	N	61
SVMW-11-250	SV11-250-212	4/20/2021	N	Hexane	84000		ug/m3	Y	100
SVMW-11-250	SV11-250-212	4/20/2021	N	Cyclohexane	100000		ug/m3	Y	140
SVMW-11-250	SV11-250-212	4/20/2021	N	Propylene (propene)	2700		ug/m3	Y	120
SVMW-11-250	SV11-250-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 290	U	ug/m3	N	120
SVMW-11-250	SV11-250-212	4/20/2021	N	1,4-Dioxane	< 160	U	ug/m3	N	58
SVMW-11-250	SV11-250-212	4/20/2021	N	Dibromochloromethane	< 160	U	ug/m3	N	64
SVMW-11-250	SV11-250-212	4/20/2021	N	Tetrachloroethene	< 160	U	ug/m3	N	63
SVMW-11-250	SV11-250-212	4/20/2021	N	Xylenes, total	35000		ug/m3	Y	130
SVMW-11-250	SV11-250-212	4/20/2021	N	Ethyl acetate	< 590	U	ug/m3	N	260
SVMW-11-250	SV11-250-212	4/20/2021	N	m- & p-Xylenes	26000		ug/m3	Y	130
SVMW-11-250	SV11-250-212	4/20/2021	N	Carbon tetrachloride	< 160	U	ug/m3	N	68
SVMW-11-250	SV11-250-212	4/20/2021	N	2-Hexanone	< 160	U	ug/m3	N	60
SVMW-11-250	SV11-250-212	4/20/2021	N	Ethanol	< 760	U	ug/m3	N	340
SVMW-11-250	SV11-250-212	4/20/2021	N	Isopropyl alcohol	880	J	ug/m3	Y	200
SVMW-11-250	SV11-250-212	4/20/2021	N	Acetone	27000		ug/m3	Y	1100
SVMW-11-250	SV11-250-212	4/20/2021	N	Chloroform	< 160	U	ug/m3	N	65
SVMW-11-250	SV11-250-212	4/20/2021	N	Benzene	28000		ug/m3	Y	70
SVMW-11-250	SV11-250-212	4/20/2021	N	Chloromethane	< 290	U	ug/m3	N	79
SVMW-11-250	SV11-250-212	4/20/2021	N	Chloroethane	< 290	U	ug/m3	N	60
SVMW-11-250	SV11-250-212	4/20/2021	N	Vinyl chloride	< 160	U	ug/m3	N	52
SVMW-11-250	SV11-250-212	4/20/2021	N	Methylene chloride	< 290	U	ug/m3	N	140
SVMW-11-250	SV11-250-212	4/20/2021	N	Carbon disulfide	< 490	U	ug/m3	N	150
SVMW-11-250	SV11-250-212	4/20/2021	N	Bromoform	< 290	U	ug/m3	N	100
SVMW-11-250	SV11-250-212	4/20/2021	N	Bromodichloromethane	< 160	U	ug/m3	N	70
SVMW-11-250	SV11-250-212	4/20/2021	N	1,1-Dichloroethane	< 300	U	ug/m3	N	71
SVMW-11-250	SV11-250-212	4/20/2021	N	Trichlorofluoromethane	< 290	U	ug/m3	N	74
SVMW-11-250	SV11-250-212	4/20/2021	N	Dichlorodifluoromethane	< 290	U	ug/m3	N	80
SVMW-11-250	SV11-250-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 160	U	ug/m3	N	70
SVMW-11-250	SV11-250-212	4/20/2021	N	2-Butanone	2700		ug/m3	Y	100
SVMW-11-250	SV11-250-212	4/20/2021	N	Trichloroethene	< 160	U	ug/m3	N	66
SVMW-11-250	SV11-250-212	4/20/2021	N	Naphthalene	130	J	ug/m3	Y	120
SVMW-11-250	SV11-250-212	4/20/2021	N	o-Xylene	8400		ug/m3	Y	70
SVMW-11-250	SV11-250-212	4/20/2021	N	1,2,4-Trimethylbenzene	3900		ug/m3	Y	68
SVMW-11-250	SV11-250-212	4/20/2021	N	Toluene	91000		ug/m3	Y	240
SVMW-11-250	SV11-250-212	4/20/2021	N	n-Heptane	110000		ug/m3	Y	310
SVMW-11-260	SV11-260-212	4/20/2021	N	Ethylbenzene	< 330	U	ug/m3	N	150
SVMW-11-260	SV11-260-212	4/20/2021	N	Styrene	< 630	U	ug/m3	N	170
SVMW-11-260	SV11-260-212	4/20/2021	N	1,2-Dibromoethane	< 330	U	ug/m3	N	120
SVMW-11-260	SV11-260-212	4/20/2021	N	1,3-Butadiene	< 630	U	ug/m3	N	170
SVMW-11-260	SV11-260-212	4/20/2021	N	1,2-Dichloroethane	< 330	U	ug/m3	N	120
SVMW-11-260	SV11-260-212	4/20/2021	N	4-Methyl-2-pentanone	< 330	U	ug/m3	N	140
SVMW-11-260	SV11-260-212	4/20/2021	N	1,3,5-Trimethylbenzene	180	J	ug/m3	Y	150
SVMW-11-260	SV11-260-212	4/20/2021	N	Toluene	860	J	ug/m3	Y	130
SVMW-11-260	SV11-260-212	4/20/2021	N	Tetrahydrofuran	< 330	U	ug/m3	N	130

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-11-260	SV11-260-212	4/20/2021	N	Hexane	1200		ug/m3	Y	220
SVMW-11-260	SV11-260-212	4/20/2021	N	Cyclohexane	3400		ug/m3	Y	290
SVMW-11-260	SV11-260-212	4/20/2021	N	Propylene (propene)	< 630	U	ug/m3	N	250
SVMW-11-260	SV11-260-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 630	U	ug/m3	N	250
SVMW-11-260	SV11-260-212	4/20/2021	N	1,4-Dioxane	< 330	U	ug/m3	N	120
SVMW-11-260	SV11-260-212	4/20/2021	N	Dibromochloromethane	< 330	U	ug/m3	N	140
SVMW-11-260	SV11-260-212	4/20/2021	N	Tetrachloroethene	< 330	U	ug/m3	N	140
SVMW-11-260	SV11-260-212	4/20/2021	N	Xylenes, total	820	J	ug/m3	Y	270
SVMW-11-260	SV11-260-212	4/20/2021	N	Ethyl acetate	< 1300	U	ug/m3	N	550
SVMW-11-260	SV11-260-212	4/20/2021	N	n-Heptane	1300		ug/m3	Y	170
SVMW-11-260	SV11-260-212	4/20/2021	N	m- & p-Xylenes	430	J	ug/m3	Y	270
SVMW-11-260	SV11-260-212	4/20/2021	N	Carbon tetrachloride	< 330	U	ug/m3	N	150
SVMW-11-260	SV11-260-212	4/20/2021	N	2-Hexanone	< 330	U	ug/m3	N	130
SVMW-11-260	SV11-260-212	4/20/2021	N	Ethanol	< 1600	U	ug/m3	N	730
SVMW-11-260	SV11-260-212	4/20/2021	N	Isopropyl alcohol	560	J	ug/m3	Y	430
SVMW-11-260	SV11-260-212	4/20/2021	N	Acetone	< 5300	U	ug/m3	N	2400
SVMW-11-260	SV11-260-212	4/20/2021	N	Chloroform	< 330	U	ug/m3	N	140
SVMW-11-260	SV11-260-212	4/20/2021	N	Benzene	280	J	ug/m3	Y	150
SVMW-11-260	SV11-260-212	4/20/2021	N	Chloromethane	< 630	U	ug/m3	N	170
SVMW-11-260	SV11-260-212	4/20/2021	N	Chloroethane	< 630	U	ug/m3	N	130
SVMW-11-260	SV11-260-212	4/20/2021	N	Vinyl chloride	< 330	U	ug/m3	N	110
SVMW-11-260	SV11-260-212	4/20/2021	N	Methylene chloride	< 630	U	ug/m3	N	290
SVMW-11-260	SV11-260-212	4/20/2021	N	Carbon disulfide	< 1100	U	ug/m3	N	310
SVMW-11-260	SV11-260-212	4/20/2021	N	Bromoform	< 630	U	ug/m3	N	220
SVMW-11-260	SV11-260-212	4/20/2021	N	Bromodichloromethane	< 330	U	ug/m3	N	150
SVMW-11-260	SV11-260-212	4/20/2021	N	1,1-Dichloroethane	< 650	U	ug/m3	N	150
SVMW-11-260	SV11-260-212	4/20/2021	N	Trichlorofluoromethane	< 630	U	ug/m3	N	160
SVMW-11-260	SV11-260-212	4/20/2021	N	Dichlorodifluoromethane	< 630	U	ug/m3	N	170
SVMW-11-260	SV11-260-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 330	U	ug/m3	N	150
SVMW-11-260	SV11-260-212	4/20/2021	N	2-Butanone	< 630	U	ug/m3	N	220
SVMW-11-260	SV11-260-212	4/20/2021	N	Trichloroethene	< 330	U	ug/m3	N	140
SVMW-11-260	SV11-260-212	4/20/2021	N	Naphthalene	< 610	U	ug/m3	N	250
SVMW-11-260	SV11-260-212	4/20/2021	N	o-Xylene	390	J	ug/m3	Y	150
SVMW-11-260	SV11-260-212	4/20/2021	N	1,2,4-Trimethylbenzene	220	J	ug/m3	Y	150
SVMW-12-150	SV12-150-212	4/19/2021	N	Ethylbenzene	0.73	J	ug/m3	Y	0.31
SVMW-12-150	SV12-150-212	4/19/2021	N	Styrene	< 1.3	U	ug/m3	N	0.35
SVMW-12-150	SV12-150-212	4/19/2021	N	1,2-Dibromoethane	< 0.69	U	ug/m3	N	0.25
SVMW-12-150	SV12-150-212	4/19/2021	N	1,3-Butadiene	< 1.3	U	ug/m3	N	0.36
SVMW-12-150	SV12-150-212	4/19/2021	N	1,2-Dichloroethane	< 0.69	U	ug/m3	N	0.24
SVMW-12-150	SV12-150-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.69	U	ug/m3	N	0.3
SVMW-12-150	SV12-150-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.69	U	ug/m3	N	0.31
SVMW-12-150	SV12-150-212	4/19/2021	N	Toluene	6.8		ug/m3	Y	0.26
SVMW-12-150	SV12-150-212	4/19/2021	N	Tetrahydrofuran	1.1	J	ug/m3	Y	0.27
SVMW-12-150	SV12-150-212	4/19/2021	N	Hexane	< 1.3	U	ug/m3	N	0.45
SVMW-12-150	SV12-150-212	4/19/2021	N	Cyclohexane	500		ug/m3	Y	0.61
SVMW-12-150	SV12-150-212	4/19/2021	N	Propylene (propene)	9.7		ug/m3	Y	0.53
SVMW-12-150	SV12-150-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.3	U	ug/m3	N	0.53
SVMW-12-150	SV12-150-212	4/19/2021	N	1,4-Dioxane	< 0.69	U	ug/m3	N	0.26
SVMW-12-150	SV12-150-212	4/19/2021	N	Dibromochloromethane	< 0.69	U	ug/m3	N	0.29
SVMW-12-150	SV12-150-212	4/19/2021	N	Tetrachloroethene	17		ug/m3	Y	0.28
SVMW-12-150	SV12-150-212	4/19/2021	N	Xylenes, total	2.7	J	ug/m3	Y	0.57
SVMW-12-150	SV12-150-212	4/19/2021	N	Ethyl acetate	1.2	J	ug/m3	Y	1.1
SVMW-12-150	SV12-150-212	4/19/2021	N	n-Heptane	0.36	J	ug/m3	Y	0.35
SVMW-12-150	SV12-150-212	4/19/2021	N	m- & p-Xylenes	2	J	ug/m3	Y	0.57
SVMW-12-150	SV12-150-212	4/19/2021	N	Carbon tetrachloride	42		ug/m3	Y	0.3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-12-150	SV12-150-212	4/19/2021	N	2-Hexanone	6.5		ug/m3	Y	0.27
SVMW-12-150	SV12-150-212	4/19/2021	N	Ethanol	4.4	J	ug/m3	Y	1.5
SVMW-12-150	SV12-150-212	4/19/2021	N	Isopropyl alcohol	0.94	J	ug/m3	Y	0.9
SVMW-12-150	SV12-150-212	4/19/2021	N	Acetone	< 11	U	ug/m3	N	4.9
SVMW-12-150	SV12-150-212	4/19/2021	N	Chloroform	4.2		ug/m3	Y	0.29
SVMW-12-150	SV12-150-212	4/19/2021	N	Benzene	2	J	ug/m3	Y	0.31
SVMW-12-150	SV12-150-212	4/19/2021	N	Chloromethane	< 1.3	U	ug/m3	N	0.35
SVMW-12-150	SV12-150-212	4/19/2021	N	Chloroethane	< 1.3	U	ug/m3	N	0.27
SVMW-12-150	SV12-150-212	4/19/2021	N	Vinyl chloride	3.6		ug/m3	Y	0.23
SVMW-12-150	SV12-150-212	4/19/2021	N	Methylene chloride	< 1.3	U	ug/m3	N	0.61
SVMW-12-150	SV12-150-212	4/19/2021	N	Carbon disulfide	< 2.2	U	ug/m3	N	0.65
SVMW-12-150	SV12-150-212	4/19/2021	N	Bromoform	< 1.3	U	ug/m3	N	0.45
SVMW-12-150	SV12-150-212	4/19/2021	N	Bromodichloromethane	< 0.69	U	ug/m3	N	0.31
SVMW-12-150	SV12-150-212	4/19/2021	N	1,1-Dichloroethane	< 1.3	U	ug/m3	N	0.32
SVMW-12-150	SV12-150-212	4/19/2021	N	Trichlorofluoromethane	5		ug/m3	Y	0.33
SVMW-12-150	SV12-150-212	4/19/2021	N	Dichlorodifluoromethane	29		ug/m3	Y	0.35
SVMW-12-150	SV12-150-212	4/19/2021	N	2-Butanone	0.64	J	ug/m3	Y	0.45
SVMW-12-150	SV12-150-212	4/19/2021	N	Trichloroethene	66		ug/m3	Y	0.29
SVMW-12-150	SV12-150-212	4/19/2021	N	Naphthalene	< 1.3	U	ug/m3	N	0.53
SVMW-12-150	SV12-150-212	4/19/2021	N	o-Xylene	0.65	J	ug/m3	Y	0.31
SVMW-12-150	SV12-150-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.69	U	ug/m3	N	0.3
SVMW-12-150	SV12-150-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	590		ug/m3	Y	3.1
SVMW-12-250	SV12-250-212	4/19/2021	N	Ethylbenzene	1.4	J	ug/m3	Y	0.33
SVMW-12-250	SV12-250-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
SVMW-12-250	SV12-250-212	4/19/2021	N	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
SVMW-12-250	SV12-250-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
SVMW-12-250	SV12-250-212	4/19/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
SVMW-12-250	SV12-250-212	4/19/2021	N	4-Methyl-2-pentanone	8.6		ug/m3	Y	0.32
SVMW-12-250	SV12-250-212	4/19/2021	N	1,3,5-Trimethylbenzene	1.9	J	ug/m3	Y	0.34
SVMW-12-250	SV12-250-212	4/19/2021	N	Toluene	51		ug/m3	Y	0.28
SVMW-12-250	SV12-250-212	4/19/2021	N	Tetrahydrofuran	1.5	J	ug/m3	Y	0.29
SVMW-12-250	SV12-250-212	4/19/2021	N	Propylene (propene)	78		ug/m3	Y	0.57
SVMW-12-250	SV12-250-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
SVMW-12-250	SV12-250-212	4/19/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.28
SVMW-12-250	SV12-250-212	4/19/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.31
SVMW-12-250	SV12-250-212	4/19/2021	N	Tetrachloroethene	15		ug/m3	Y	0.3
SVMW-12-250	SV12-250-212	4/19/2021	N	Xylenes, total	16		ug/m3	Y	0.61
SVMW-12-250	SV12-250-212	4/19/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
SVMW-12-250	SV12-250-212	4/19/2021	N	n-Heptane	100		ug/m3	Y	0.37
SVMW-12-250	SV12-250-212	4/19/2021	N	m- & p-Xylenes	3.7	J	ug/m3	Y	0.61
SVMW-12-250	SV12-250-212	4/19/2021	N	Carbon tetrachloride	45		ug/m3	Y	0.32
SVMW-12-250	SV12-250-212	4/19/2021	N	2-Hexanone	< 0.74	U	ug/m3	N	0.29
SVMW-12-250	SV12-250-212	4/19/2021	N	Ethanol	450		ug/m3	Y	1.6
SVMW-12-250	SV12-250-212	4/19/2021	N	Isopropyl alcohol	72		ug/m3	Y	0.96
SVMW-12-250	SV12-250-212	4/19/2021	N	Acetone	< 12	U	ug/m3	N	5.3
SVMW-12-250	SV12-250-212	4/19/2021	N	Chloroform	8.9		ug/m3	Y	0.31
SVMW-12-250	SV12-250-212	4/19/2021	N	Chloromethane	0.41	J	ug/m3	Y	0.38
SVMW-12-250	SV12-250-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
SVMW-12-250	SV12-250-212	4/19/2021	N	Vinyl chloride	6.5		ug/m3	Y	0.25
SVMW-12-250	SV12-250-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
SVMW-12-250	SV12-250-212	4/19/2021	N	Carbon disulfide	< 2.4	U	ug/m3	N	0.7
SVMW-12-250	SV12-250-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
SVMW-12-250	SV12-250-212	4/19/2021	N	Bromodichloromethane	< 0.74	U	ug/m3	N	0.34
SVMW-12-250	SV12-250-212	4/19/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
SVMW-12-250	SV12-250-212	4/19/2021	N	Trichlorofluoromethane	5.3		ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-12-250	SV12-250-212	4/19/2021	N	Dichlorodifluoromethane	17		ug/m3	Y	0.38
SVMW-12-250	SV12-250-212	4/19/2021	N	2-Butanone	9.6		ug/m3	Y	0.48
SVMW-12-250	SV12-250-212	4/19/2021	N	Trichloroethene	93		ug/m3	Y	0.32
SVMW-12-250	SV12-250-212	4/19/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.57
SVMW-12-250	SV12-250-212	4/19/2021	N	o-Xylene	13		ug/m3	Y	0.34
SVMW-12-250	SV12-250-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.74	U	ug/m3	N	0.32
SVMW-12-250	SV12-250-212	4/19/2021	N	Hexane	1300		ug/m3	Y	4.8
SVMW-12-250	SV12-250-212	4/19/2021	N	Cyclohexane	4300		ug/m3	Y	6.6
SVMW-12-250	SV12-250-212	4/19/2021	N	Benzene	500		ug/m3	Y	3.4
SVMW-12-250	SV12-250-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1200		ug/m3	Y	3.3
SVMW-12-350	SV12-350-212	4/19/2021	N	Ethylbenzene	< 0.78	U	ug/m3	N	0.34
SVMW-12-350	SV12-350-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
SVMW-12-350	SV12-350-212	4/19/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
SVMW-12-350	SV12-350-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
SVMW-12-350	SV12-350-212	4/19/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
SVMW-12-350	SV12-350-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.33
SVMW-12-350	SV12-350-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.78	U	ug/m3	N	0.35
SVMW-12-350	SV12-350-212	4/19/2021	N	Toluene	1.3	J	ug/m3	Y	0.3
SVMW-12-350	SV12-350-212	4/19/2021	N	Tetrahydrofuran	1.9	J	ug/m3	Y	0.31
SVMW-12-350	SV12-350-212	4/19/2021	N	Hexane	0.64	J	ug/m3	Y	0.5
SVMW-12-350	SV12-350-212	4/19/2021	N	Cyclohexane	1.8	J	ug/m3	Y	0.69
SVMW-12-350	SV12-350-212	4/19/2021	N	Propylene (propene)	0.61	J	ug/m3	Y	0.59
SVMW-12-350	SV12-350-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
SVMW-12-350	SV12-350-212	4/19/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
SVMW-12-350	SV12-350-212	4/19/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
SVMW-12-350	SV12-350-212	4/19/2021	N	Tetrachloroethene	3.2		ug/m3	Y	0.32
SVMW-12-350	SV12-350-212	4/19/2021	N	Xylenes, total	1.3	J	ug/m3	Y	0.64
SVMW-12-350	SV12-350-212	4/19/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
SVMW-12-350	SV12-350-212	4/19/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.39
SVMW-12-350	SV12-350-212	4/19/2021	N	m- & p-Xylenes	0.88	J	ug/m3	Y	0.64
SVMW-12-350	SV12-350-212	4/19/2021	N	Carbon tetrachloride	3.9		ug/m3	Y	0.34
SVMW-12-350	SV12-350-212	4/19/2021	N	2-Hexanone	0.54	J	ug/m3	Y	0.3
SVMW-12-350	SV12-350-212	4/19/2021	N	Ethanol	25		ug/m3	Y	1.7
SVMW-12-350	SV12-350-212	4/19/2021	N	Isopropyl alcohol	1.8	J	ug/m3	Y	1
SVMW-12-350	SV12-350-212	4/19/2021	N	Acetone	7.7	J	ug/m3	Y	5.5
SVMW-12-350	SV12-350-212	4/19/2021	N	Chloroform	0.46	J	ug/m3	Y	0.32
SVMW-12-350	SV12-350-212	4/19/2021	N	Benzene	1.7	J	ug/m3	Y	0.35
SVMW-12-350	SV12-350-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
SVMW-12-350	SV12-350-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
SVMW-12-350	SV12-350-212	4/19/2021	N	Vinyl chloride	7.2		ug/m3	Y	0.26
SVMW-12-350	SV12-350-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
SVMW-12-350	SV12-350-212	4/19/2021	N	Carbon disulfide	3.2	J	ug/m3	Y	0.73
SVMW-12-350	SV12-350-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
SVMW-12-350	SV12-350-212	4/19/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
SVMW-12-350	SV12-350-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
SVMW-12-350	SV12-350-212	4/19/2021	N	Trichlorofluoromethane	0.4	J	ug/m3	Y	0.37
SVMW-12-350	SV12-350-212	4/19/2021	N	Dichlorodifluoromethane	1	J	ug/m3	Y	0.4
SVMW-12-350	SV12-350-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	36		ug/m3	Y	0.35
SVMW-12-350	SV12-350-212	4/19/2021	N	2-Butanone	5.3		ug/m3	Y	0.5
SVMW-12-350	SV12-350-212	4/19/2021	N	Trichloroethene	0.52	J	ug/m3	Y	0.33
SVMW-12-350	SV12-350-212	4/19/2021	N	Naphthalene	0.85	J	ug/m3	Y	0.59
SVMW-12-350	SV12-350-212	4/19/2021	N	o-Xylene	0.39	J	ug/m3	Y	0.35
SVMW-12-350	SV12-350-212	4/19/2021	N	1,2,4-Trimethylbenzene	0.75	J	ug/m3	Y	0.34
SVMW-12-450	SV12-450-212	4/19/2021	N	Ethylbenzene	< 0.78	U	ug/m3	N	0.34
SVMW-12-450	SV12-450-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-12-450	SV12-450-212	4/19/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
SVMW-12-450	SV12-450-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
SVMW-12-450	SV12-450-212	4/19/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
SVMW-12-450	SV12-450-212	4/19/2021	N	4-Methyl-2-pentanone	0.7	J	ug/m3	Y	0.33
SVMW-12-450	SV12-450-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.78	U	ug/m3	N	0.35
SVMW-12-450	SV12-450-212	4/19/2021	N	Toluene	0.79	J	ug/m3	Y	0.3
SVMW-12-450	SV12-450-212	4/19/2021	N	Tetrahydrofuran	< 0.78	U	ug/m3	N	0.31
SVMW-12-450	SV12-450-212	4/19/2021	N	Hexane	< 1.5	U	ug/m3	N	0.5
SVMW-12-450	SV12-450-212	4/19/2021	N	Cyclohexane	5.2		ug/m3	Y	0.69
SVMW-12-450	SV12-450-212	4/19/2021	N	Propylene (propene)	120		ug/m3	Y	0.59
SVMW-12-450	SV12-450-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
SVMW-12-450	SV12-450-212	4/19/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
SVMW-12-450	SV12-450-212	4/19/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
SVMW-12-450	SV12-450-212	4/19/2021	N	Tetrachloroethene	13		ug/m3	Y	0.32
SVMW-12-450	SV12-450-212	4/19/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.64
SVMW-12-450	SV12-450-212	4/19/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
SVMW-12-450	SV12-450-212	4/19/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.39
SVMW-12-450	SV12-450-212	4/19/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.64
SVMW-12-450	SV12-450-212	4/19/2021	N	Carbon tetrachloride	23		ug/m3	Y	0.34
SVMW-12-450	SV12-450-212	4/19/2021	N	2-Hexanone	0.38	J	ug/m3	Y	0.3
SVMW-12-450	SV12-450-212	4/19/2021	N	Ethanol	57		ug/m3	Y	1.7
SVMW-12-450	SV12-450-212	4/19/2021	N	Isopropyl alcohol	730		ug/m3	Y	1
SVMW-12-450	SV12-450-212	4/19/2021	N	Acetone	< 12	U	ug/m3	N	5.5
SVMW-12-450	SV12-450-212	4/19/2021	N	Chloroform	3.1		ug/m3	Y	0.32
SVMW-12-450	SV12-450-212	4/19/2021	N	Benzene	11		ug/m3	Y	0.35
SVMW-12-450	SV12-450-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
SVMW-12-450	SV12-450-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
SVMW-12-450	SV12-450-212	4/19/2021	N	Vinyl chloride	2.1	J	ug/m3	Y	0.26
SVMW-12-450	SV12-450-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
SVMW-12-450	SV12-450-212	4/19/2021	N	Carbon disulfide	< 2.5	U	ug/m3	N	0.73
SVMW-12-450	SV12-450-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
SVMW-12-450	SV12-450-212	4/19/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
SVMW-12-450	SV12-450-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
SVMW-12-450	SV12-450-212	4/19/2021	N	Trichlorofluoromethane	4		ug/m3	Y	0.37
SVMW-12-450	SV12-450-212	4/19/2021	N	Dichlorodifluoromethane	7.4		ug/m3	Y	0.4
SVMW-12-450	SV12-450-212	4/19/2021	N	2-Butanone	4.1	J	ug/m3	Y	0.5
SVMW-12-450	SV12-450-212	4/19/2021	N	Trichloroethene	38		ug/m3	Y	0.33
SVMW-12-450	SV12-450-212	4/19/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
SVMW-12-450	SV12-450-212	4/19/2021	N	o-Xylene	< 0.78	U	ug/m3	N	0.35
SVMW-12-450	SV12-450-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.78	U	ug/m3	N	0.34
SVMW-12-450	SV12-450-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1100		ug/m3	Y	3.5
SVMW-13-150	SV13-150-212	4/20/2021	N	Ethylbenzene	610		ug/m3	Y	44
SVMW-13-150	SV13-150-212	4/20/2021	N	Styrene	< 190	U	ug/m3	N	51
SVMW-13-150	SV13-150-212	4/20/2021	N	1,2-Dibromoethane	< 100	U	ug/m3	N	37
SVMW-13-150	SV13-150-212	4/20/2021	N	1,3-Butadiene	< 190	U	ug/m3	N	52
SVMW-13-150	SV13-150-212	4/20/2021	N	1,2-Dichloroethane	< 100	U	ug/m3	N	35
SVMW-13-150	SV13-150-212	4/20/2021	N	4-Methyl-2-pentanone	< 100	U	ug/m3	N	43
SVMW-13-150	SV13-150-212	4/20/2021	N	1,3,5-Trimethylbenzene	4300		ug/m3	Y	45
SVMW-13-150	SV13-150-212	4/20/2021	N	Toluene	11000		ug/m3	Y	38
SVMW-13-150	SV13-150-212	4/20/2021	N	Tetrahydrofuran	190	J	ug/m3	Y	40
SVMW-13-150	SV13-150-212	4/20/2021	N	Hexane	2000		ug/m3	Y	65
SVMW-13-150	SV13-150-212	4/20/2021	N	Cyclohexane	46000		ug/m3	Y	89
SVMW-13-150	SV13-150-212	4/20/2021	N	Propylene (propene)	500		ug/m3	Y	77
SVMW-13-150	SV13-150-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 190	U	ug/m3	N	77
SVMW-13-150	SV13-150-212	4/20/2021	N	1,4-Dioxane	< 100	U	ug/m3	N	37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-13-150	SV13-150-212	4/20/2021	N	Dibromochloromethane	< 100	U	ug/m3	N	41
SVMW-13-150	SV13-150-212	4/20/2021	N	Tetrachloroethene	< 100	U	ug/m3	N	41
SVMW-13-150	SV13-150-212	4/20/2021	N	Xylenes, total	14000		ug/m3	Y	83
SVMW-13-150	SV13-150-212	4/20/2021	N	Ethyl acetate	< 380	U	ug/m3	N	170
SVMW-13-150	SV13-150-212	4/20/2021	N	n-Heptane	1200		ug/m3	Y	50
SVMW-13-150	SV13-150-212	4/20/2021	N	m- & p-Xylenes	7100		ug/m3	Y	83
SVMW-13-150	SV13-150-212	4/20/2021	N	Carbon tetrachloride	< 100	U	ug/m3	N	44
SVMW-13-150	SV13-150-212	4/20/2021	N	2-Hexanone	< 100	U	ug/m3	N	39
SVMW-13-150	SV13-150-212	4/20/2021	N	Ethanol	< 490	U	ug/m3	N	220
SVMW-13-150	SV13-150-212	4/20/2021	N	Isopropyl alcohol	< 370	U	ug/m3	N	130
SVMW-13-150	SV13-150-212	4/20/2021	N	Acetone	< 1600	U	ug/m3	N	710
SVMW-13-150	SV13-150-212	4/20/2021	N	Chloroform	< 100	U	ug/m3	N	42
SVMW-13-150	SV13-150-212	4/20/2021	N	Benzene	5400		ug/m3	Y	45
SVMW-13-150	SV13-150-212	4/20/2021	N	Chloromethane	< 190	U	ug/m3	N	51
SVMW-13-150	SV13-150-212	4/20/2021	N	Chloroethane	< 190	U	ug/m3	N	39
SVMW-13-150	SV13-150-212	4/20/2021	N	Vinyl chloride	< 100	U	ug/m3	N	34
SVMW-13-150	SV13-150-212	4/20/2021	N	Methylene chloride	< 190	U	ug/m3	N	89
SVMW-13-150	SV13-150-212	4/20/2021	N	Carbon disulfide	< 320	U	ug/m3	N	94
SVMW-13-150	SV13-150-212	4/20/2021	N	Bromoform	< 190	U	ug/m3	N	65
SVMW-13-150	SV13-150-212	4/20/2021	N	Bromodichloromethane	< 100	U	ug/m3	N	45
SVMW-13-150	SV13-150-212	4/20/2021	N	1,1-Dichloroethane	< 190	U	ug/m3	N	46
SVMW-13-150	SV13-150-212	4/20/2021	N	Trichlorofluoromethane	< 190	U	ug/m3	N	48
SVMW-13-150	SV13-150-212	4/20/2021	N	Dichlorodifluoromethane	< 190	U	ug/m3	N	51
SVMW-13-150	SV13-150-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 100	U	ug/m3	N	45
SVMW-13-150	SV13-150-212	4/20/2021	N	2-Butanone	72	J	ug/m3	Y	65
SVMW-13-150	SV13-150-212	4/20/2021	N	Trichloroethene	< 100	U	ug/m3	N	42
SVMW-13-150	SV13-150-212	4/20/2021	N	Naphthalene	< 180	U	ug/m3	N	77
SVMW-13-150	SV13-150-212	4/20/2021	N	o-Xylene	7000		ug/m3	Y	45
SVMW-13-150	SV13-150-212	4/20/2021	N	1,2,4-Trimethylbenzene	1900		ug/m3	Y	44
SVMW-13-250	SV13-250-212	4/20/2021	N	Ethylbenzene	3.5		ug/m3	Y	0.32
SVMW-13-250	SV13-250-212	4/20/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
SVMW-13-250	SV13-250-212	4/20/2021	N	1,2-Dibromoethane	< 0.73	U	ug/m3	N	0.27
SVMW-13-250	SV13-250-212	4/20/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
SVMW-13-250	SV13-250-212	4/20/2021	N	1,2-Dichloroethane	< 0.73	U	ug/m3	N	0.25
SVMW-13-250	SV13-250-212	4/20/2021	N	4-Methyl-2-pentanone	0.32	J	ug/m3	Y	0.31
SVMW-13-250	SV13-250-212	4/20/2021	N	1,3,5-Trimethylbenzene	74		ug/m3	Y	0.33
SVMW-13-250	SV13-250-212	4/20/2021	N	Toluene	26		ug/m3	Y	0.28
SVMW-13-250	SV13-250-212	4/20/2021	N	Tetrahydrofuran	1.5	J	ug/m3	Y	0.29
SVMW-13-250	SV13-250-212	4/20/2021	N	Hexane	0.82	J	ug/m3	Y	0.47
SVMW-13-250	SV13-250-212	4/20/2021	N	Cyclohexane	26		ug/m3	Y	0.65
SVMW-13-250	SV13-250-212	4/20/2021	N	Propylene (propene)	1.7	J	ug/m3	Y	0.56
SVMW-13-250	SV13-250-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
SVMW-13-250	SV13-250-212	4/20/2021	N	1,4-Dioxane	< 0.73	U	ug/m3	N	0.27
SVMW-13-250	SV13-250-212	4/20/2021	N	Dibromochloromethane	< 0.73	U	ug/m3	N	0.3
SVMW-13-250	SV13-250-212	4/20/2021	N	Tetrachloroethene	1.2	J	ug/m3	Y	0.3
SVMW-13-250	SV13-250-212	4/20/2021	N	Xylenes, total	96		ug/m3	Y	0.6
SVMW-13-250	SV13-250-212	4/20/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
SVMW-13-250	SV13-250-212	4/20/2021	N	n-Heptane	1.7	J	ug/m3	Y	0.37
SVMW-13-250	SV13-250-212	4/20/2021	N	m- & p-Xylenes	44		ug/m3	Y	0.6
SVMW-13-250	SV13-250-212	4/20/2021	N	Carbon tetrachloride	2.7		ug/m3	Y	0.32
SVMW-13-250	SV13-250-212	4/20/2021	N	2-Hexanone	< 0.73	U	ug/m3	N	0.28
SVMW-13-250	SV13-250-212	4/20/2021	N	Ethanol	19	J	ug/m3	Y	1.6
SVMW-13-250	SV13-250-212	4/20/2021	N	Isopropyl alcohol	3.4	J	ug/m3	Y	0.95
SVMW-13-250	SV13-250-212	4/20/2021	N	Acetone	17	J	ug/m3	Y	5.2
SVMW-13-250	SV13-250-212	4/20/2021	N	Chloroform	< 0.73	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-13-250	SV13-250-212	4/20/2021	N	Benzene	8.8		ug/m3	Y	0.33
SVMW-13-250	SV13-250-212	4/20/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.37
SVMW-13-250	SV13-250-212	4/20/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
SVMW-13-250	SV13-250-212	4/20/2021	N	Vinyl chloride	5.2		ug/m3	Y	0.25
SVMW-13-250	SV13-250-212	4/20/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.65
SVMW-13-250	SV13-250-212	4/20/2021	N	Carbon disulfide	4.3	J	ug/m3	Y	0.69
SVMW-13-250	SV13-250-212	4/20/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
SVMW-13-250	SV13-250-212	4/20/2021	N	Bromodichloromethane	< 0.73	U	ug/m3	N	0.33
SVMW-13-250	SV13-250-212	4/20/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
SVMW-13-250	SV13-250-212	4/20/2021	N	Trichlorofluoromethane	2	J	ug/m3	Y	0.35
SVMW-13-250	SV13-250-212	4/20/2021	N	Dichlorodifluoromethane	7		ug/m3	Y	0.37
SVMW-13-250	SV13-250-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	12		ug/m3	Y	0.33
SVMW-13-250	SV13-250-212	4/20/2021	N	2-Butanone	8.3		ug/m3	Y	0.47
SVMW-13-250	SV13-250-212	4/20/2021	N	Trichloroethene	< 0.73	U	ug/m3	N	0.31
SVMW-13-250	SV13-250-212	4/20/2021	N	Naphthalene	5.3		ug/m3	Y	0.56
SVMW-13-250	SV13-250-212	4/20/2021	N	o-Xylene	51		ug/m3	Y	0.33
SVMW-13-250	SV13-250-212	4/20/2021	N	1,2,4-Trimethylbenzene	39		ug/m3	Y	0.32
SVMW-13-350	SV13-350-212	4/20/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.31
SVMW-13-350	SV13-350-212	4/20/2021	N	Styrene	< 1.3	U	ug/m3	N	0.36
SVMW-13-350	SV13-350-212	4/20/2021	N	1,2-Dibromoethane	< 0.71	U	ug/m3	N	0.26
SVMW-13-350	SV13-350-212	4/20/2021	N	1,3-Butadiene	< 1.3	U	ug/m3	N	0.37
SVMW-13-350	SV13-350-212	4/20/2021	N	1,2-Dichloroethane	< 0.71	U	ug/m3	N	0.24
SVMW-13-350	SV13-350-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.71	U	ug/m3	N	0.3
SVMW-13-350	SV13-350-212	4/20/2021	N	1,3,5-Trimethylbenzene	23		ug/m3	Y	0.32
SVMW-13-350	SV13-350-212	4/20/2021	N	Toluene	7.1		ug/m3	Y	0.27
SVMW-13-350	SV13-350-212	4/20/2021	N	Tetrahydrofuran	7.4		ug/m3	Y	0.28
SVMW-13-350	SV13-350-212	4/20/2021	N	Hexane	< 1.3	U	ug/m3	N	0.46
SVMW-13-350	SV13-350-212	4/20/2021	N	Cyclohexane	11		ug/m3	Y	0.62
SVMW-13-350	SV13-350-212	4/20/2021	N	Propylene (propene)	16		ug/m3	Y	0.54
SVMW-13-350	SV13-350-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.3	U	ug/m3	N	0.54
SVMW-13-350	SV13-350-212	4/20/2021	N	1,4-Dioxane	< 0.71	U	ug/m3	N	0.26
SVMW-13-350	SV13-350-212	4/20/2021	N	Dibromochloromethane	< 0.71	U	ug/m3	N	0.29
SVMW-13-350	SV13-350-212	4/20/2021	N	Tetrachloroethene	1.3	J	ug/m3	Y	0.29
SVMW-13-350	SV13-350-212	4/20/2021	N	Xylenes, total	27		ug/m3	Y	0.58
SVMW-13-350	SV13-350-212	4/20/2021	N	Ethyl acetate	< 2.7	U	ug/m3	N	1.2
SVMW-13-350	SV13-350-212	4/20/2021	N	n-Heptane	0.5	J	ug/m3	Y	0.35
SVMW-13-350	SV13-350-212	4/20/2021	N	m- & p-Xylenes	13		ug/m3	Y	0.58
SVMW-13-350	SV13-350-212	4/20/2021	N	Carbon tetrachloride	6.1		ug/m3	Y	0.31
SVMW-13-350	SV13-350-212	4/20/2021	N	2-Hexanone	< 0.71	U	ug/m3	N	0.27
SVMW-13-350	SV13-350-212	4/20/2021	N	Ethanol	21	J	ug/m3	Y	1.5
SVMW-13-350	SV13-350-212	4/20/2021	N	Isopropyl alcohol	110		ug/m3	Y	0.91
SVMW-13-350	SV13-350-212	4/20/2021	N	Acetone	28		ug/m3	Y	5
SVMW-13-350	SV13-350-212	4/20/2021	N	Chloroform	< 0.71	U	ug/m3	N	0.29
SVMW-13-350	SV13-350-212	4/20/2021	N	Benzene	0.88	J	ug/m3	Y	0.32
SVMW-13-350	SV13-350-212	4/20/2021	N	Chloromethane	< 1.3	U	ug/m3	N	0.36
SVMW-13-350	SV13-350-212	4/20/2021	N	Chloroethane	< 1.3	U	ug/m3	N	0.27
SVMW-13-350	SV13-350-212	4/20/2021	N	Vinyl chloride	4.8		ug/m3	Y	0.24
SVMW-13-350	SV13-350-212	4/20/2021	N	Methylene chloride	< 1.3	U	ug/m3	N	0.62
SVMW-13-350	SV13-350-212	4/20/2021	N	Carbon disulfide	3	J	ug/m3	Y	0.66
SVMW-13-350	SV13-350-212	4/20/2021	N	Bromoform	< 1.3	U	ug/m3	N	0.46
SVMW-13-350	SV13-350-212	4/20/2021	N	Bromodichloromethane	< 0.71	U	ug/m3	N	0.32
SVMW-13-350	SV13-350-212	4/20/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.32
SVMW-13-350	SV13-350-212	4/20/2021	N	Trichlorofluoromethane	2.4		ug/m3	Y	0.34
SVMW-13-350	SV13-350-212	4/20/2021	N	Dichlorodifluoromethane	4.4		ug/m3	Y	0.36
SVMW-13-350	SV13-350-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	15		ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-13-350	SV13-350-212	4/20/2021	N	2-Butanone	10		ug/m3	Y	0.46
SVMW-13-350	SV13-350-212	4/20/2021	N	Trichloroethene	< 0.71	U	ug/m3	N	0.3
SVMW-13-350	SV13-350-212	4/20/2021	N	Naphthalene	3.1		ug/m3	Y	0.54
SVMW-13-350	SV13-350-212	4/20/2021	N	o-Xylene	14		ug/m3	Y	0.32
SVMW-13-350	SV13-350-212	4/20/2021	N	1,2,4-Trimethylbenzene	13		ug/m3	Y	0.31
SVMW-13-450	SV13-450-212	4/20/2021	N	Ethylbenzene	0.92	J	ug/m3	Y	0.37
SVMW-13-450	SV13-450-212	4/20/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
SVMW-13-450	SV13-450-212	4/20/2021	N	1,2-Dibromoethane	< 0.84	U	ug/m3	N	0.31
SVMW-13-450	SV13-450-212	4/20/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
SVMW-13-450	SV13-450-212	4/20/2021	N	1,2-Dichloroethane	< 0.84	U	ug/m3	N	0.29
SVMW-13-450	SV13-450-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.84	U	ug/m3	N	0.36
SVMW-13-450	SV13-450-212	4/20/2021	N	1,3,5-Trimethylbenzene	13		ug/m3	Y	0.38
SVMW-13-450	SV13-450-212	4/20/2021	N	Toluene	4.5		ug/m3	Y	0.32
SVMW-13-450	SV13-450-212	4/20/2021	N	Tetrahydrofuran	0.55	J	ug/m3	Y	0.33
SVMW-13-450	SV13-450-212	4/20/2021	N	Hexane	54		ug/m3	Y	0.54
SVMW-13-450	SV13-450-212	4/20/2021	N	Cyclohexane	680		ug/m3	Y	0.74
SVMW-13-450	SV13-450-212	4/20/2021	N	Propylene (propene)	23		ug/m3	Y	0.64
SVMW-13-450	SV13-450-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.64
SVMW-13-450	SV13-450-212	4/20/2021	N	1,4-Dioxane	< 0.84	U	ug/m3	N	0.31
SVMW-13-450	SV13-450-212	4/20/2021	N	Dibromochloromethane	< 0.84	U	ug/m3	N	0.35
SVMW-13-450	SV13-450-212	4/20/2021	N	Tetrachloroethene	0.78	J	ug/m3	Y	0.34
SVMW-13-450	SV13-450-212	4/20/2021	N	Xylenes, total	17		ug/m3	Y	0.69
SVMW-13-450	SV13-450-212	4/20/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
SVMW-13-450	SV13-450-212	4/20/2021	N	n-Heptane	0.48	J	ug/m3	Y	0.42
SVMW-13-450	SV13-450-212	4/20/2021	N	m- & p-Xylenes	7.3		ug/m3	Y	0.69
SVMW-13-450	SV13-450-212	4/20/2021	N	Carbon tetrachloride	3.4		ug/m3	Y	0.37
SVMW-13-450	SV13-450-212	4/20/2021	N	2-Hexanone	< 0.84	U	ug/m3	N	0.33
SVMW-13-450	SV13-450-212	4/20/2021	N	Ethanol	23	J	ug/m3	Y	1.8
SVMW-13-450	SV13-450-212	4/20/2021	N	Isopropyl alcohol	1.7	J	ug/m3	Y	1.1
SVMW-13-450	SV13-450-212	4/20/2021	N	Acetone	< 13	U	ug/m3	N	5.9
SVMW-13-450	SV13-450-212	4/20/2021	N	Chloroform	< 0.84	U	ug/m3	N	0.35
SVMW-13-450	SV13-450-212	4/20/2021	N	Benzene	91		ug/m3	Y	0.38
SVMW-13-450	SV13-450-212	4/20/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
SVMW-13-450	SV13-450-212	4/20/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
SVMW-13-450	SV13-450-212	4/20/2021	N	Vinyl chloride	4.4		ug/m3	Y	0.28
SVMW-13-450	SV13-450-212	4/20/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.74
SVMW-13-450	SV13-450-212	4/20/2021	N	Carbon disulfide	1.8	J	ug/m3	Y	0.79
SVMW-13-450	SV13-450-212	4/20/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.54
SVMW-13-450	SV13-450-212	4/20/2021	N	Bromodichloromethane	< 0.84	U	ug/m3	N	0.38
SVMW-13-450	SV13-450-212	4/20/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
SVMW-13-450	SV13-450-212	4/20/2021	N	Trichlorofluoromethane	2.1	J	ug/m3	Y	0.4
SVMW-13-450	SV13-450-212	4/20/2021	N	Dichlorodifluoromethane	4.2		ug/m3	Y	0.43
SVMW-13-450	SV13-450-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	3.1		ug/m3	Y	0.38
SVMW-13-450	SV13-450-212	4/20/2021	N	2-Butanone	6.8		ug/m3	Y	0.54
SVMW-13-450	SV13-450-212	4/20/2021	N	Trichloroethene	0.57	J	ug/m3	Y	0.36
SVMW-13-450	SV13-450-212	4/20/2021	N	Naphthalene	1.9	J	ug/m3	Y	0.64
SVMW-13-450	SV13-450-212	4/20/2021	N	o-Xylene	10		ug/m3	Y	0.38
SVMW-13-450	SV13-450-212	4/20/2021	N	1,2,4-Trimethylbenzene	5.1		ug/m3	Y	0.37
SVMW-15-150	SV15-150-212	4/19/2021	N	Ethylbenzene	6.5		ug/m3	Y	0.34
SVMW-15-150	SV15-150-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.39
SVMW-15-150	SV15-150-212	4/19/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.28
SVMW-15-150	SV15-150-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
SVMW-15-150	SV15-150-212	4/19/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
SVMW-15-150	SV15-150-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.33
SVMW-15-150	SV15-150-212	4/19/2021	N	1,3,5-Trimethylbenzene	13		ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-15-150	SV15-150-212	4/19/2021	N	Toluene	46		ug/m3	Y	0.3
SVMW-15-150	SV15-150-212	4/19/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.31
SVMW-15-150	SV15-150-212	4/19/2021	N	Hexane	65		ug/m3	Y	0.5
SVMW-15-150	SV15-150-212	4/19/2021	N	Cyclohexane	160		ug/m3	Y	0.69
SVMW-15-150	SV15-150-212	4/19/2021	N	Propylene (propene)	1	J	ug/m3	Y	0.59
SVMW-15-150	SV15-150-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.59
SVMW-15-150	SV15-150-212	4/19/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
SVMW-15-150	SV15-150-212	4/19/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
SVMW-15-150	SV15-150-212	4/19/2021	N	Tetrachloroethene	2.4		ug/m3	Y	0.32
SVMW-15-150	SV15-150-212	4/19/2021	N	Xylenes, total	39		ug/m3	Y	0.64
SVMW-15-150	SV15-150-212	4/19/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
SVMW-15-150	SV15-150-212	4/19/2021	N	n-Heptane	210		ug/m3	Y	0.39
SVMW-15-150	SV15-150-212	4/19/2021	N	m- & p-Xylenes	15		ug/m3	Y	0.64
SVMW-15-150	SV15-150-212	4/19/2021	N	Carbon tetrachloride	2.6		ug/m3	Y	0.34
SVMW-15-150	SV15-150-212	4/19/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
SVMW-15-150	SV15-150-212	4/19/2021	N	Ethanol	28		ug/m3	Y	1.7
SVMW-15-150	SV15-150-212	4/19/2021	N	Isopropyl alcohol	2.3	J	ug/m3	Y	1
SVMW-15-150	SV15-150-212	4/19/2021	N	Acetone	12	J	ug/m3	Y	5.5
SVMW-15-150	SV15-150-212	4/19/2021	N	Chloroform	0.82	J	ug/m3	Y	0.32
SVMW-15-150	SV15-150-212	4/19/2021	N	Benzene	14		ug/m3	Y	0.35
SVMW-15-150	SV15-150-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.39
SVMW-15-150	SV15-150-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
SVMW-15-150	SV15-150-212	4/19/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
SVMW-15-150	SV15-150-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
SVMW-15-150	SV15-150-212	4/19/2021	N	Carbon disulfide	2.4	J	ug/m3	Y	0.73
SVMW-15-150	SV15-150-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.5
SVMW-15-150	SV15-150-212	4/19/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
SVMW-15-150	SV15-150-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
SVMW-15-150	SV15-150-212	4/19/2021	N	Trichlorofluoromethane	1.6	J	ug/m3	Y	0.37
SVMW-15-150	SV15-150-212	4/19/2021	N	Dichlorodifluoromethane	9		ug/m3	Y	0.4
SVMW-15-150	SV15-150-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	11		ug/m3	Y	0.35
SVMW-15-150	SV15-150-212	4/19/2021	N	2-Butanone	10		ug/m3	Y	0.5
SVMW-15-150	SV15-150-212	4/19/2021	N	Trichloroethene	< 0.78	U	ug/m3	N	0.33
SVMW-15-150	SV15-150-212	4/19/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.59
SVMW-15-150	SV15-150-212	4/19/2021	N	o-Xylene	24		ug/m3	Y	0.35
SVMW-15-150	SV15-150-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.78	U	ug/m3	N	0.34
SVMW-15-250	SV15-250-212	4/19/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.26
SVMW-15-250	SV15-250-212	4/19/2021	N	Styrene	< 1.1	U	ug/m3	N	0.29
SVMW-15-250	SV15-250-212	4/19/2021	N	1,2-Dibromoethane	< 0.58	U	ug/m3	N	0.21
SVMW-15-250	SV15-250-212	4/19/2021	N	1,3-Butadiene	< 1.1	U	ug/m3	N	0.3
SVMW-15-250	SV15-250-212	4/19/2021	N	1,2-Dichloroethane	< 0.58	U	ug/m3	N	0.2
SVMW-15-250	SV15-250-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.58	U	ug/m3	N	0.25
SVMW-15-250	SV15-250-212	4/19/2021	N	1,3,5-Trimethylbenzene	2		ug/m3	Y	0.26
SVMW-15-250	SV15-250-212	4/19/2021	N	Toluene	13		ug/m3	Y	0.22
SVMW-15-250	SV15-250-212	4/19/2021	N	Tetrahydrofuran	0.36	J	ug/m3	Y	0.23
SVMW-15-250	SV15-250-212	4/19/2021	N	Hexane	15		ug/m3	Y	0.38
SVMW-15-250	SV15-250-212	4/19/2021	N	Cyclohexane	150		ug/m3	Y	0.51
SVMW-15-250	SV15-250-212	4/19/2021	N	Propylene (propene)	8.4		ug/m3	Y	0.45
SVMW-15-250	SV15-250-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.1	U	ug/m3	N	0.45
SVMW-15-250	SV15-250-212	4/19/2021	N	1,4-Dioxane	< 0.58	U	ug/m3	N	0.22
SVMW-15-250	SV15-250-212	4/19/2021	N	Dibromochloromethane	< 0.58	U	ug/m3	N	0.24
SVMW-15-250	SV15-250-212	4/19/2021	N	Tetrachloroethene	2.1		ug/m3	Y	0.24
SVMW-15-250	SV15-250-212	4/19/2021	N	Xylenes, total	9.8		ug/m3	Y	0.48
SVMW-15-250	SV15-250-212	4/19/2021	N	Ethyl acetate	5.9		ug/m3	Y	0.96
SVMW-15-250	SV15-250-212	4/19/2021	N	n-Heptane	17		ug/m3	Y	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-15-250	SV15-250-212	4/19/2021	N	m- & p-Xylenes	4.7		ug/m3	Y	0.48
SVMW-15-250	SV15-250-212	4/19/2021	N	Carbon tetrachloride	3.3		ug/m3	Y	0.25
SVMW-15-250	SV15-250-212	4/19/2021	N	2-Hexanone	< 0.58	U	ug/m3	N	0.23
SVMW-15-250	SV15-250-212	4/19/2021	N	Ethanol	45		ug/m3	Y	1.3
SVMW-15-250	SV15-250-212	4/19/2021	N	Isopropyl alcohol	44		ug/m3	Y	0.75
SVMW-15-250	SV15-250-212	4/19/2021	N	Acetone	< 9.2	U	ug/m3	N	4.1
SVMW-15-250	SV15-250-212	4/19/2021	N	Chloroform	< 0.58	U	ug/m3	N	0.24
SVMW-15-250	SV15-250-212	4/19/2021	N	Benzene	230		ug/m3	Y	0.26
SVMW-15-250	SV15-250-212	4/19/2021	N	Chloromethane	< 1.1	U	ug/m3	N	0.29
SVMW-15-250	SV15-250-212	4/19/2021	N	Chloroethane	< 1.1	U	ug/m3	N	0.23
SVMW-15-250	SV15-250-212	4/19/2021	N	Vinyl chloride	0.34	J	ug/m3	Y	0.2
SVMW-15-250	SV15-250-212	4/19/2021	N	Methylene chloride	2.7		ug/m3	Y	0.51
SVMW-15-250	SV15-250-212	4/19/2021	N	Carbon disulfide	< 1.8	U	ug/m3	N	0.55
SVMW-15-250	SV15-250-212	4/19/2021	N	Bromoform	< 1.1	U	ug/m3	N	0.38
SVMW-15-250	SV15-250-212	4/19/2021	N	Bromodichloromethane	< 0.58	U	ug/m3	N	0.26
SVMW-15-250	SV15-250-212	4/19/2021	N	1,1-Dichloroethane	< 1.1	U	ug/m3	N	0.27
SVMW-15-250	SV15-250-212	4/19/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.28
SVMW-15-250	SV15-250-212	4/19/2021	N	Dichlorodifluoromethane	4.9		ug/m3	Y	0.3
SVMW-15-250	SV15-250-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	10		ug/m3	Y	0.26
SVMW-15-250	SV15-250-212	4/19/2021	N	2-Butanone	3.6		ug/m3	Y	0.38
SVMW-15-250	SV15-250-212	4/19/2021	N	Trichloroethene	< 0.58	U	ug/m3	N	0.25
SVMW-15-250	SV15-250-212	4/19/2021	N	Naphthalene	< 1.1	U	ug/m3	N	0.45
SVMW-15-250	SV15-250-212	4/19/2021	N	o-Xylene	5.1		ug/m3	Y	0.26
SVMW-15-250	SV15-250-212	4/19/2021	N	1,2,4-Trimethylbenzene	0.51	J	ug/m3	Y	0.25
SVMW-15-350	SV15-350-212	4/19/2021	N	Ethylbenzene	< 63	U	ug/m3	N	28
SVMW-15-350	SV15-350-212	4/19/2021	N	Styrene	< 120	U	ug/m3	N	32
SVMW-15-350	SV15-350-212	4/19/2021	N	1,2-Dibromoethane	< 63	U	ug/m3	N	23
SVMW-15-350	SV15-350-212	4/19/2021	N	1,3-Butadiene	< 120	U	ug/m3	N	33
SVMW-15-350	SV15-350-212	4/19/2021	N	1,2-Dichloroethane	< 63	U	ug/m3	N	22
SVMW-15-350	SV15-350-212	4/19/2021	N	4-Methyl-2-pentanone	< 63	U	ug/m3	N	27
SVMW-15-350	SV15-350-212	4/19/2021	N	1,3,5-Trimethylbenzene	35	J	ug/m3	Y	29
SVMW-15-350	SV15-350-212	4/19/2021	N	Toluene	160	J	ug/m3	Y	24
SVMW-15-350	SV15-350-212	4/19/2021	N	Tetrahydrofuran	< 63	U	ug/m3	N	25
SVMW-15-350	SV15-350-212	4/19/2021	N	Hexane	4100		ug/m3	Y	41
SVMW-15-350	SV15-350-212	4/19/2021	N	Cyclohexane	57000		ug/m3	Y	56
SVMW-15-350	SV15-350-212	4/19/2021	N	Propylene (propene)	< 120	U	ug/m3	N	48
SVMW-15-350	SV15-350-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 120	U	ug/m3	N	48
SVMW-15-350	SV15-350-212	4/19/2021	N	1,4-Dioxane	< 63	U	ug/m3	N	23
SVMW-15-350	SV15-350-212	4/19/2021	N	Dibromochloromethane	< 63	U	ug/m3	N	26
SVMW-15-350	SV15-350-212	4/19/2021	N	Tetrachloroethene	< 63	U	ug/m3	N	26
SVMW-15-350	SV15-350-212	4/19/2021	N	Xylenes, total	91	J	ug/m3	Y	52
SVMW-15-350	SV15-350-212	4/19/2021	N	Ethyl acetate	< 240	U	ug/m3	N	100
SVMW-15-350	SV15-350-212	4/19/2021	N	n-Heptane	51	J	ug/m3	Y	32
SVMW-15-350	SV15-350-212	4/19/2021	N	m- & p-Xylenes	< 130	U	ug/m3	N	52
SVMW-15-350	SV15-350-212	4/19/2021	N	Carbon tetrachloride	< 63	U	ug/m3	N	28
SVMW-15-350	SV15-350-212	4/19/2021	N	2-Hexanone	< 63	U	ug/m3	N	25
SVMW-15-350	SV15-350-212	4/19/2021	N	Ethanol	< 310	U	ug/m3	N	140
SVMW-15-350	SV15-350-212	4/19/2021	N	Isopropyl alcohol	< 230	U	ug/m3	N	82
SVMW-15-350	SV15-350-212	4/19/2021	N	Acetone	< 1000	U	ug/m3	N	450
SVMW-15-350	SV15-350-212	4/19/2021	N	Chloroform	< 63	U	ug/m3	N	26
SVMW-15-350	SV15-350-212	4/19/2021	N	Benzene	290		ug/m3	Y	29
SVMW-15-350	SV15-350-212	4/19/2021	N	Chloromethane	< 120	U	ug/m3	N	32
SVMW-15-350	SV15-350-212	4/19/2021	N	Chloroethane	< 120	U	ug/m3	N	25
SVMW-15-350	SV15-350-212	4/19/2021	N	Vinyl chloride	< 63	U	ug/m3	N	21
SVMW-15-350	SV15-350-212	4/19/2021	N	Methylene chloride	< 120	U	ug/m3	N	56

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-15-350	SV15-350-212	4/19/2021	N	Carbon disulfide	< 200	U	ug/m3	N	60
SVMW-15-350	SV15-350-212	4/19/2021	N	Bromoform	< 120	U	ug/m3	N	41
SVMW-15-350	SV15-350-212	4/19/2021	N	Bromodichloromethane	< 63	U	ug/m3	N	29
SVMW-15-350	SV15-350-212	4/19/2021	N	1,1-Dichloroethane	< 120	U	ug/m3	N	29
SVMW-15-350	SV15-350-212	4/19/2021	N	Trichlorofluoromethane	< 120	U	ug/m3	N	30
SVMW-15-350	SV15-350-212	4/19/2021	N	Dichlorodifluoromethane	70	J	ug/m3	Y	32
SVMW-15-350	SV15-350-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 63	U	ug/m3	N	28
SVMW-15-350	SV15-350-212	4/19/2021	N	2-Butanone	< 120	U	ug/m3	N	41
SVMW-15-350	SV15-350-212	4/19/2021	N	Trichloroethene	47	J	ug/m3	Y	27
SVMW-15-350	SV15-350-212	4/19/2021	N	Naphthalene	< 120	U	ug/m3	N	48
SVMW-15-350	SV15-350-212	4/19/2021	N	o-Xylene	91	J	ug/m3	Y	29
SVMW-15-350	SV15-350-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 63	U	ug/m3	N	28
SVMW-15-450	SV15-450-212	4/19/2021	N	n-Heptane	490000		ug/m3	Y	1700
SVMW-15-450	SV15-450-212	4/19/2021	N	Ethylbenzene	8600		ug/m3	Y	370
SVMW-15-450	SV15-450-212	4/19/2021	N	Styrene	< 1600	U	ug/m3	N	420
SVMW-15-450	SV15-450-212	4/19/2021	N	1,2-Dibromoethane	< 840	U	ug/m3	N	310
SVMW-15-450	SV15-450-212	4/19/2021	N	1,3-Butadiene	< 1600	U	ug/m3	N	430
SVMW-15-450	SV15-450-212	4/19/2021	N	1,2-Dichloroethane	< 840	U	ug/m3	N	290
SVMW-15-450	SV15-450-212	4/19/2021	N	4-Methyl-2-pentanone	< 840	U	ug/m3	N	360
SVMW-15-450	SV15-450-212	4/19/2021	N	1,3,5-Trimethylbenzene	1700	J	ug/m3	Y	380
SVMW-15-450	SV15-450-212	4/19/2021	N	Toluene	160000		ug/m3	Y	320
SVMW-15-450	SV15-450-212	4/19/2021	N	Tetrahydrofuran	< 840	U	ug/m3	N	330
SVMW-15-450	SV15-450-212	4/19/2021	N	Hexane	480000		ug/m3	Y	540
SVMW-15-450	SV15-450-212	4/19/2021	N	Cyclohexane	600000		ug/m3	Y	740
SVMW-15-450	SV15-450-212	4/19/2021	N	Propylene (propene)	< 1600	U	ug/m3	N	640
SVMW-15-450	SV15-450-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1600	U	ug/m3	N	640
SVMW-15-450	SV15-450-212	4/19/2021	N	1,4-Dioxane	< 840	U	ug/m3	N	310
SVMW-15-450	SV15-450-212	4/19/2021	N	Dibromochloromethane	< 840	U	ug/m3	N	340
SVMW-15-450	SV15-450-212	4/19/2021	N	Tetrachloroethene	< 840	U	ug/m3	N	340
SVMW-15-450	SV15-450-212	4/19/2021	N	Xylenes, total	38000		ug/m3	Y	690
SVMW-15-450	SV15-450-212	4/19/2021	N	Ethyl acetate	< 3200	U	ug/m3	N	1400
SVMW-15-450	SV15-450-212	4/19/2021	N	m- & p-Xylenes	28000		ug/m3	Y	690
SVMW-15-450	SV15-450-212	4/19/2021	N	Carbon tetrachloride	< 840	U	ug/m3	N	360
SVMW-15-450	SV15-450-212	4/19/2021	N	2-Hexanone	< 840	U	ug/m3	N	330
SVMW-15-450	SV15-450-212	4/19/2021	N	Ethanol	< 4100	U	ug/m3	N	1800
SVMW-15-450	SV15-450-212	4/19/2021	N	Isopropyl alcohol	< 3100	U	ug/m3	N	1100
SVMW-15-450	SV15-450-212	4/19/2021	N	Acetone	< 13000	U	ug/m3	N	5900
SVMW-15-450	SV15-450-212	4/19/2021	N	Chloroform	< 840	U	ug/m3	N	350
SVMW-15-450	SV15-450-212	4/19/2021	N	Benzene	57000		ug/m3	Y	380
SVMW-15-450	SV15-450-212	4/19/2021	N	Chloromethane	< 1600	U	ug/m3	N	420
SVMW-15-450	SV15-450-212	4/19/2021	N	Chloroethane	< 1600	U	ug/m3	N	330
SVMW-15-450	SV15-450-212	4/19/2021	N	Vinyl chloride	< 840	U	ug/m3	N	280
SVMW-15-450	SV15-450-212	4/19/2021	N	Methylene chloride	< 1600	U	ug/m3	N	740
SVMW-15-450	SV15-450-212	4/19/2021	N	Carbon disulfide	< 2700	U	ug/m3	N	790
SVMW-15-450	SV15-450-212	4/19/2021	N	Bromoform	< 1600	U	ug/m3	N	540
SVMW-15-450	SV15-450-212	4/19/2021	N	Bromodichloromethane	< 840	U	ug/m3	N	380
SVMW-15-450	SV15-450-212	4/19/2021	N	1,1-Dichloroethane	< 1600	U	ug/m3	N	380
SVMW-15-450	SV15-450-212	4/19/2021	N	Trichlorofluoromethane	< 1600	U	ug/m3	N	400
SVMW-15-450	SV15-450-212	4/19/2021	N	Dichlorodifluoromethane	< 1600	U	ug/m3	N	430
SVMW-15-450	SV15-450-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 840	U	ug/m3	N	370
SVMW-15-450	SV15-450-212	4/19/2021	N	2-Butanone	< 1600	U	ug/m3	N	540
SVMW-15-450	SV15-450-212	4/19/2021	N	Trichloroethene	< 840	U	ug/m3	N	350
SVMW-15-450	SV15-450-212	4/19/2021	N	Naphthalene	< 1500	U	ug/m3	N	640
SVMW-15-450	SV15-450-212	4/19/2021	N	o-Xylene	10000		ug/m3	Y	380
SVMW-15-450	SV15-450-212	4/19/2021	N	1,2,4-Trimethylbenzene	1300	J	ug/m3	Y	360

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-01-050	SV01-050-212	4/19/2021	N	Ethylbenzene	5.1		ug/m3	Y	0.37
SVMW-01-050	SV01-050-212	4/19/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
SVMW-01-050	SV01-050-212	4/19/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
SVMW-01-050	SV01-050-212	4/19/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
SVMW-01-050	SV01-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.29
SVMW-01-050	SV01-050-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.36
SVMW-01-050	SV01-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	13		ug/m3	Y	0.38
SVMW-01-050	SV01-050-212	4/19/2021	N	Toluene	2.8		ug/m3	Y	0.32
SVMW-01-050	SV01-050-212	4/19/2021	N	Tetrahydrofuran	< 0.85	U	ug/m3	N	0.33
SVMW-01-050	SV01-050-212	4/19/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
SVMW-01-050	SV01-050-212	4/19/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.75
SVMW-01-050	SV01-050-212	4/19/2021	N	Propylene (propene)	2.2	J	ug/m3	Y	0.65
SVMW-01-050	SV01-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
SVMW-01-050	SV01-050-212	4/19/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.31
SVMW-01-050	SV01-050-212	4/19/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
SVMW-01-050	SV01-050-212	4/19/2021	N	Tetrachloroethene	2.3	J	ug/m3	Y	0.34
SVMW-01-050	SV01-050-212	4/19/2021	N	Xylenes, total	36		ug/m3	Y	0.7
SVMW-01-050	SV01-050-212	4/19/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
SVMW-01-050	SV01-050-212	4/19/2021	N	n-Heptane	0.5	J	ug/m3	Y	0.42
SVMW-01-050	SV01-050-212	4/19/2021	N	m- & p-Xylenes	26		ug/m3	Y	0.7
SVMW-01-050	SV01-050-212	4/19/2021	N	Carbon tetrachloride	< 0.85	U	ug/m3	N	0.37
SVMW-01-050	SV01-050-212	4/19/2021	N	2-Hexanone	0.62	J	ug/m3	Y	0.33
SVMW-01-050	SV01-050-212	4/19/2021	N	Ethanol	7.4	J	ug/m3	Y	1.8
SVMW-01-050	SV01-050-212	4/19/2021	N	Isopropyl alcohol	< 3.1	U	ug/m3	N	1.1
SVMW-01-050	SV01-050-212	4/19/2021	N	Acetone	6.3	J	ug/m3	Y	6
SVMW-01-050	SV01-050-212	4/19/2021	N	Chloroform	< 0.85	U	ug/m3	N	0.35
SVMW-01-050	SV01-050-212	4/19/2021	N	Benzene	< 0.85	U	ug/m3	N	0.38
SVMW-01-050	SV01-050-212	4/19/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
SVMW-01-050	SV01-050-212	4/19/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
SVMW-01-050	SV01-050-212	4/19/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.28
SVMW-01-050	SV01-050-212	4/19/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
SVMW-01-050	SV01-050-212	4/19/2021	N	Carbon disulfide	< 2.7	U	ug/m3	N	0.8
SVMW-01-050	SV01-050-212	4/19/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
SVMW-01-050	SV01-050-212	4/19/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.38
SVMW-01-050	SV01-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
SVMW-01-050	SV01-050-212	4/19/2021	N	Trichlorofluoromethane	19		ug/m3	Y	0.4
SVMW-01-050	SV01-050-212	4/19/2021	N	Dichlorodifluoromethane	2.9		ug/m3	Y	0.43
SVMW-01-050	SV01-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	49		ug/m3	Y	0.38
SVMW-01-050	SV01-050-212	4/19/2021	N	2-Butanone	2.9	J	ug/m3	Y	0.55
SVMW-01-050	SV01-050-212	4/19/2021	N	Trichloroethene	< 0.85	U	ug/m3	N	0.36
SVMW-01-050	SV01-050-212	4/19/2021	N	Naphthalene	9.3		ug/m3	Y	0.65
SVMW-01-050	SV01-050-212	4/19/2021	N	o-Xylene	9.7		ug/m3	Y	0.38
SVMW-01-050	SV01-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	50		ug/m3	Y	0.37
SVMW-01-100	SV01-100-212	4/19/2021	N	Ethylbenzene	15000	J	ug/m3	Y	2100
SVMW-01-100	SV01-100-212	4/19/2021	N	Styrene	< 9000	U	ug/m3	N	2400
SVMW-01-100	SV01-100-212	4/19/2021	N	1,2-Dibromoethane	< 4800	U	ug/m3	N	1700
SVMW-01-100	SV01-100-212	4/19/2021	N	1,3-Butadiene	< 9000	U	ug/m3	N	2500
SVMW-01-100	SV01-100-212	4/19/2021	N	1,2-Dichloroethane	< 4800	U	ug/m3	N	1700
SVMW-01-100	SV01-100-212	4/19/2021	N	4-Methyl-2-pentanone	< 4800	U	ug/m3	N	2100
SVMW-01-100	SV01-100-212	4/19/2021	N	1,3,5-Trimethylbenzene	11000	J	ug/m3	Y	2200
SVMW-01-100	SV01-100-212	4/19/2021	N	Toluene	170000		ug/m3	Y	1800
SVMW-01-100	SV01-100-212	4/19/2021	N	Tetrahydrofuran	< 4800	U	ug/m3	N	1900
SVMW-01-100	SV01-100-212	4/19/2021	N	Hexane	2300000		ug/m3	Y	3100
SVMW-01-100	SV01-100-212	4/19/2021	N	Cyclohexane	2300000		ug/m3	Y	4200
SVMW-01-100	SV01-100-212	4/19/2021	N	Propylene (propene)	3900	J	ug/m3	Y	3700

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-01-100	SV01-100-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 9000	U	ug/m3	N	3700
SVMW-01-100	SV01-100-212	4/19/2021	N	1,4-Dioxane	< 4800	U	ug/m3	N	1800
SVMW-01-100	SV01-100-212	4/19/2021	N	Dibromochloromethane	< 4800	U	ug/m3	N	2000
SVMW-01-100	SV01-100-212	4/19/2021	N	Tetrachloroethene	2900	J	ug/m3	Y	1900
SVMW-01-100	SV01-100-212	4/19/2021	N	Xylenes, total	150000		ug/m3	Y	3900
SVMW-01-100	SV01-100-212	4/19/2021	N	Ethyl acetate	< 18000	U	ug/m3	N	7900
SVMW-01-100	SV01-100-212	4/19/2021	N	n-Heptane	990000		ug/m3	Y	2400
SVMW-01-100	SV01-100-212	4/19/2021	N	m- & p-Xylenes	110000		ug/m3	Y	3900
SVMW-01-100	SV01-100-212	4/19/2021	N	Carbon tetrachloride	< 4800	U	ug/m3	N	2100
SVMW-01-100	SV01-100-212	4/19/2021	N	2-Hexanone	< 4800	U	ug/m3	N	1900
SVMW-01-100	SV01-100-212	4/19/2021	N	Ethanol	< 23000	U	ug/m3	N	10000
SVMW-01-100	SV01-100-212	4/19/2021	N	Isopropyl alcohol	< 18000	U	ug/m3	N	6200
SVMW-01-100	SV01-100-212	4/19/2021	N	Acetone	< 76000	U	ug/m3	N	34000
SVMW-01-100	SV01-100-212	4/19/2021	N	Chloroform	< 4800	U	ug/m3	N	2000
SVMW-01-100	SV01-100-212	4/19/2021	N	Benzene	180000		ug/m3	Y	2200
SVMW-01-100	SV01-100-212	4/19/2021	N	Chloromethane	< 9000	U	ug/m3	N	2400
SVMW-01-100	SV01-100-212	4/19/2021	N	Chloroethane	< 9000	U	ug/m3	N	1900
SVMW-01-100	SV01-100-212	4/19/2021	N	Vinyl chloride	< 4800	U	ug/m3	N	1600
SVMW-01-100	SV01-100-212	4/19/2021	N	Methylene chloride	< 9000	U	ug/m3	N	4200
SVMW-01-100	SV01-100-212	4/19/2021	N	Carbon disulfide	< 15000	U	ug/m3	N	4500
SVMW-01-100	SV01-100-212	4/19/2021	N	Bromoform	< 9000	U	ug/m3	N	3100
SVMW-01-100	SV01-100-212	4/19/2021	N	Bromodichloromethane	< 4800	U	ug/m3	N	2200
SVMW-01-100	SV01-100-212	4/19/2021	N	1,1-Dichloroethane	< 9300	U	ug/m3	N	2200
SVMW-01-100	SV01-100-212	4/19/2021	N	Trichlorofluoromethane	< 9000	U	ug/m3	N	2300
SVMW-01-100	SV01-100-212	4/19/2021	N	Dichlorodifluoromethane	< 9000	U	ug/m3	N	2500
SVMW-01-100	SV01-100-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	3400	J	ug/m3	Y	2100
SVMW-01-100	SV01-100-212	4/19/2021	N	2-Butanone	< 9000	U	ug/m3	N	3100
SVMW-01-100	SV01-100-212	4/19/2021	N	Trichloroethene	< 4800	U	ug/m3	N	2000
SVMW-01-100	SV01-100-212	4/19/2021	N	Naphthalene	< 8700	U	ug/m3	N	3700
SVMW-01-100	SV01-100-212	4/19/2021	N	o-Xylene	39000		ug/m3	Y	2200
SVMW-01-100	SV01-100-212	4/19/2021	N	1,2,4-Trimethylbenzene	15000		ug/m3	Y	2100
SVMW-01-250	SV01-250-212	4/19/2021	N	Ethylbenzene	3000	J	ug/m3	Y	890
SVMW-01-250	SV01-250-212	4/19/2021	N	Styrene	< 3800	U	ug/m3	N	1000
SVMW-01-250	SV01-250-212	4/19/2021	N	1,2-Dibromoethane	< 2000	U	ug/m3	N	740
SVMW-01-250	SV01-250-212	4/19/2021	N	1,3-Butadiene	< 3800	U	ug/m3	N	1000
SVMW-01-250	SV01-250-212	4/19/2021	N	1,2-Dichloroethane	< 2000	U	ug/m3	N	700
SVMW-01-250	SV01-250-212	4/19/2021	N	4-Methyl-2-pentanone	< 2000	U	ug/m3	N	870
SVMW-01-250	SV01-250-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 2000	U	ug/m3	N	910
SVMW-01-250	SV01-250-212	4/19/2021	N	Toluene	20000		ug/m3	Y	770
SVMW-01-250	SV01-250-212	4/19/2021	N	Tetrahydrofuran	< 2000	U	ug/m3	N	800
SVMW-01-250	SV01-250-212	4/19/2021	N	Hexane	990000		ug/m3	Y	1300
SVMW-01-250	SV01-250-212	4/19/2021	N	Cyclohexane	1100000		ug/m3	Y	1800
SVMW-01-250	SV01-250-212	4/19/2021	N	Propylene (propene)	9500		ug/m3	Y	1500
SVMW-01-250	SV01-250-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 3800	U	ug/m3	N	1500
SVMW-01-250	SV01-250-212	4/19/2021	N	1,4-Dioxane	< 2000	U	ug/m3	N	750
SVMW-01-250	SV01-250-212	4/19/2021	N	Dibromochloromethane	< 2000	U	ug/m3	N	830
SVMW-01-250	SV01-250-212	4/19/2021	N	Tetrachloroethene	1200	J	ug/m3	Y	820
SVMW-01-250	SV01-250-212	4/19/2021	N	Xylenes, total	6400	J	ug/m3	Y	1700
SVMW-01-250	SV01-250-212	4/19/2021	N	Ethyl acetate	< 7700	U	ug/m3	N	3300
SVMW-01-250	SV01-250-212	4/19/2021	N	n-Heptane	920000		ug/m3	Y	1000
SVMW-01-250	SV01-250-212	4/19/2021	N	m- & p-Xylenes	< 4000	U	ug/m3	N	1700
SVMW-01-250	SV01-250-212	4/19/2021	N	Carbon tetrachloride	< 2000	U	ug/m3	N	880
SVMW-01-250	SV01-250-212	4/19/2021	N	2-Hexanone	< 2000	U	ug/m3	N	780
SVMW-01-250	SV01-250-212	4/19/2021	N	Ethanol	< 9800	U	ug/m3	N	4400
SVMW-01-250	SV01-250-212	4/19/2021	N	Isopropyl alcohol	< 7500	U	ug/m3	N	2600

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-01-250	SV01-250-212	4/19/2021	N	Acetone	< 32000	U	ug/m3	N	14000
SVMW-01-250	SV01-250-212	4/19/2021	N	Chloroform	< 2000	U	ug/m3	N	840
SVMW-01-250	SV01-250-212	4/19/2021	N	Benzene	97000		ug/m3	Y	910
SVMW-01-250	SV01-250-212	4/19/2021	N	Chloromethane	< 3800	U	ug/m3	N	1000
SVMW-01-250	SV01-250-212	4/19/2021	N	Chloroethane	< 3800	U	ug/m3	N	780
SVMW-01-250	SV01-250-212	4/19/2021	N	Vinyl chloride	< 2000	U	ug/m3	N	680
SVMW-01-250	SV01-250-212	4/19/2021	N	Methylene chloride	< 3800	U	ug/m3	N	1800
SVMW-01-250	SV01-250-212	4/19/2021	N	Carbon disulfide	< 6400	U	ug/m3	N	1900
SVMW-01-250	SV01-250-212	4/19/2021	N	Bromoform	< 3800	U	ug/m3	N	1300
SVMW-01-250	SV01-250-212	4/19/2021	N	Bromodichloromethane	< 2000	U	ug/m3	N	910
SVMW-01-250	SV01-250-212	4/19/2021	N	1,1-Dichloroethane	< 3900	U	ug/m3	N	930
SVMW-01-250	SV01-250-212	4/19/2021	N	Trichlorofluoromethane	< 3800	U	ug/m3	N	960
SVMW-01-250	SV01-250-212	4/19/2021	N	Dichlorodifluoromethane	< 3800	U	ug/m3	N	1000
SVMW-01-250	SV01-250-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1500	J	ug/m3	Y	900
SVMW-01-250	SV01-250-212	4/19/2021	N	2-Butanone	< 3800	U	ug/m3	N	1300
SVMW-01-250	SV01-250-212	4/19/2021	N	Trichloroethene	< 2000	U	ug/m3	N	850
SVMW-01-250	SV01-250-212	4/19/2021	N	Naphthalene	< 3700	U	ug/m3	N	1500
SVMW-01-250	SV01-250-212	4/19/2021	N	o-Xylene	6400		ug/m3	Y	910
SVMW-01-250	SV01-250-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 2000	U	ug/m3	N	880
SVMW-01-300	SV01-300-212	4/19/2021	N	Ethylbenzene	19	J	ug/m3	Y	15
SVMW-01-300	SV01-300-212	4/19/2021	N	Styrene	< 63	U	ug/m3	N	17
SVMW-01-300	SV01-300-212	4/19/2021	N	1,2-Dibromoethane	< 34	U	ug/m3	N	12
SVMW-01-300	SV01-300-212	4/19/2021	N	1,3-Butadiene	< 63	U	ug/m3	N	17
SVMW-01-300	SV01-300-212	4/19/2021	N	1,2-Dichloroethane	< 34	U	ug/m3	N	12
SVMW-01-300	SV01-300-212	4/19/2021	N	4-Methyl-2-pentanone	< 34	U	ug/m3	N	14
SVMW-01-300	SV01-300-212	4/19/2021	N	1,3,5-Trimethylbenzene	34	J	ug/m3	Y	15
SVMW-01-300	SV01-300-212	4/19/2021	N	Toluene	110		ug/m3	Y	13
SVMW-01-300	SV01-300-212	4/19/2021	N	Tetrahydrofuran	< 34	U	ug/m3	N	13
SVMW-01-300	SV01-300-212	4/19/2021	N	Hexane	14000		ug/m3	Y	22
SVMW-01-300	SV01-300-212	4/19/2021	N	Cyclohexane	29000		ug/m3	Y	30
SVMW-01-300	SV01-300-212	4/19/2021	N	Propylene (propene)	280		ug/m3	Y	26
SVMW-01-300	SV01-300-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 63	U	ug/m3	N	26
SVMW-01-300	SV01-300-212	4/19/2021	N	1,4-Dioxane	< 34	U	ug/m3	N	12
SVMW-01-300	SV01-300-212	4/19/2021	N	Dibromochloromethane	< 34	U	ug/m3	N	14
SVMW-01-300	SV01-300-212	4/19/2021	N	Tetrachloroethene	35	J	ug/m3	Y	14
SVMW-01-300	SV01-300-212	4/19/2021	N	Xylenes, total	270		ug/m3	Y	28
SVMW-01-300	SV01-300-212	4/19/2021	N	Ethyl acetate	< 130	U	ug/m3	N	55
SVMW-01-300	SV01-300-212	4/19/2021	N	n-Heptane	12000		ug/m3	Y	17
SVMW-01-300	SV01-300-212	4/19/2021	N	m- & p-Xylenes	170	J	ug/m3	Y	28
SVMW-01-300	SV01-300-212	4/19/2021	N	Carbon tetrachloride	44	J	ug/m3	Y	15
SVMW-01-300	SV01-300-212	4/19/2021	N	2-Hexanone	< 34	U	ug/m3	N	13
SVMW-01-300	SV01-300-212	4/19/2021	N	Ethanol	99	J	ug/m3	Y	73
SVMW-01-300	SV01-300-212	4/19/2021	N	Isopropyl alcohol	430		ug/m3	Y	44
SVMW-01-300	SV01-300-212	4/19/2021	N	Acetone	< 530	U	ug/m3	N	240
SVMW-01-300	SV01-300-212	4/19/2021	N	Chloroform	< 34	U	ug/m3	N	14
SVMW-01-300	SV01-300-212	4/19/2021	N	Benzene	3000		ug/m3	Y	15
SVMW-01-300	SV01-300-212	4/19/2021	N	Chloromethane	< 63	U	ug/m3	N	17
SVMW-01-300	SV01-300-212	4/19/2021	N	Chloroethane	< 63	U	ug/m3	N	13
SVMW-01-300	SV01-300-212	4/19/2021	N	Vinyl chloride	< 34	U	ug/m3	N	11
SVMW-01-300	SV01-300-212	4/19/2021	N	Methylene chloride	< 63	U	ug/m3	N	30
SVMW-01-300	SV01-300-212	4/19/2021	N	Carbon disulfide	< 110	U	ug/m3	N	32
SVMW-01-300	SV01-300-212	4/19/2021	N	Bromoform	< 63	U	ug/m3	N	22
SVMW-01-300	SV01-300-212	4/19/2021	N	Bromodichloromethane	< 34	U	ug/m3	N	15
SVMW-01-300	SV01-300-212	4/19/2021	N	1,1-Dichloroethane	< 65	U	ug/m3	N	15
SVMW-01-300	SV01-300-212	4/19/2021	N	Trichlorofluoromethane	< 63	U	ug/m3	N	16

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-01-300	SV01-300-212	4/19/2021	N	Dichlorodifluoromethane	18	J	ug/m3	Y	17
SVMW-01-300	SV01-300-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1000		ug/m3	Y	15
SVMW-01-300	SV01-300-212	4/19/2021	N	2-Butanone	< 63	U	ug/m3	N	22
SVMW-01-300	SV01-300-212	4/19/2021	N	Trichloroethene	26	J	ug/m3	Y	14
SVMW-01-300	SV01-300-212	4/19/2021	N	Naphthalene	38	J	ug/m3	Y	26
SVMW-01-300	SV01-300-212	4/19/2021	N	o-Xylene	97	J	ug/m3	Y	15
SVMW-01-300	SV01-300-212	4/19/2021	N	1,2,4-Trimethylbenzene	46	J	ug/m3	Y	15
SVMW-02-050	SV02-050-212	4/19/2021	N	Ethylbenzene	< 22	U	ug/m3	N	9.9
SVMW-02-050	SV02-050-212	4/19/2021	N	Styrene	< 42	U	ug/m3	N	11
SVMW-02-050	SV02-050-212	4/19/2021	N	1,2-Dibromoethane	< 22	U	ug/m3	N	8.1
SVMW-02-050	SV02-050-212	4/19/2021	N	1,3-Butadiene	< 42	U	ug/m3	N	12
SVMW-02-050	SV02-050-212	4/19/2021	N	1,2-Dichloroethane	< 22	U	ug/m3	N	7.7
SVMW-02-050	SV02-050-212	4/19/2021	N	4-Methyl-2-pentanone	< 22	U	ug/m3	N	9.6
SVMW-02-050	SV02-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 22	U	ug/m3	N	10
SVMW-02-050	SV02-050-212	4/19/2021	N	Toluene	< 22	U	ug/m3	N	8.5
SVMW-02-050	SV02-050-212	4/19/2021	N	Tetrahydrofuran	< 22	U	ug/m3	N	8.8
SVMW-02-050	SV02-050-212	4/19/2021	N	Hexane	< 42	U	ug/m3	N	14
SVMW-02-050	SV02-050-212	4/19/2021	N	Cyclohexane	< 45	U	ug/m3	N	20
SVMW-02-050	SV02-050-212	4/19/2021	N	Propylene (propene)	< 42	U	ug/m3	N	17
SVMW-02-050	SV02-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 42	U	ug/m3	N	17
SVMW-02-050	SV02-050-212	4/19/2021	N	1,4-Dioxane	< 22	U	ug/m3	N	8.3
SVMW-02-050	SV02-050-212	4/19/2021	N	Dibromochloromethane	< 22	U	ug/m3	N	9.2
SVMW-02-050	SV02-050-212	4/19/2021	N	Tetrachloroethene	< 22	U	ug/m3	N	9.1
SVMW-02-050	SV02-050-212	4/19/2021	N	Xylenes, total	< 45	U	ug/m3	N	18
SVMW-02-050	SV02-050-212	4/19/2021	N	Ethyl acetate	< 85	U	ug/m3	N	37
SVMW-02-050	SV02-050-212	4/19/2021	N	n-Heptane	< 42	U	ug/m3	N	11
SVMW-02-050	SV02-050-212	4/19/2021	N	m- & p-Xylenes	< 45	U	ug/m3	N	18
SVMW-02-050	SV02-050-212	4/19/2021	N	Carbon tetrachloride	< 22	U	ug/m3	N	9.7
SVMW-02-050	SV02-050-212	4/19/2021	N	2-Hexanone	< 22	U	ug/m3	N	8.7
SVMW-02-050	SV02-050-212	4/19/2021	N	Ethanol	< 110	U	ug/m3	N	49
SVMW-02-050	SV02-050-212	4/19/2021	N	Isopropyl alcohol	< 83	U	ug/m3	N	29
SVMW-02-050	SV02-050-212	4/19/2021	N	Acetone	< 350	U	ug/m3	N	160
SVMW-02-050	SV02-050-212	4/19/2021	N	Chloroform	< 22	U	ug/m3	N	9.3
SVMW-02-050	SV02-050-212	4/19/2021	N	Benzene	< 22	U	ug/m3	N	10
SVMW-02-050	SV02-050-212	4/19/2021	N	Chloromethane	< 42	U	ug/m3	N	11
SVMW-02-050	SV02-050-212	4/19/2021	N	Chloroethane	< 42	U	ug/m3	N	8.7
SVMW-02-050	SV02-050-212	4/19/2021	N	Vinyl chloride	< 22	U	ug/m3	N	7.5
SVMW-02-050	SV02-050-212	4/19/2021	N	Methylene chloride	< 42	U	ug/m3	N	20
SVMW-02-050	SV02-050-212	4/19/2021	N	Carbon disulfide	< 71	U	ug/m3	N	21
SVMW-02-050	SV02-050-212	4/19/2021	N	Bromoform	< 42	U	ug/m3	N	14
SVMW-02-050	SV02-050-212	4/19/2021	N	Bromodichloromethane	< 22	U	ug/m3	N	10
SVMW-02-050	SV02-050-212	4/19/2021	N	1,1-Dichloroethane	< 43	U	ug/m3	N	10
SVMW-02-050	SV02-050-212	4/19/2021	N	Trichlorofluoromethane	< 42	U	ug/m3	N	11
SVMW-02-050	SV02-050-212	4/19/2021	N	Dichlorodifluoromethane	< 42	U	ug/m3	N	11
SVMW-02-050	SV02-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 22	U	ug/m3	N	10
SVMW-02-050	SV02-050-212	4/19/2021	N	2-Butanone	< 42	U	ug/m3	N	14
SVMW-02-050	SV02-050-212	4/19/2021	N	Trichloroethene	< 22	U	ug/m3	N	9.5
SVMW-02-050	SV02-050-212	4/19/2021	N	Naphthalene	< 41	U	ug/m3	N	17
SVMW-02-050	SV02-050-212	4/19/2021	N	o-Xylene	< 22	U	ug/m3	N	10
SVMW-02-050	SV02-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 22	U	ug/m3	N	9.7
SVMW-02-100	SV02-100-212	4/19/2021	N	Ethylbenzene	110000		ug/m3	Y	1000
SVMW-02-100	SV02-100-212	4/19/2021	N	Styrene	< 4400	U	ug/m3	N	1200
SVMW-02-100	SV02-100-212	4/19/2021	N	1,2-Dibromoethane	14000		ug/m3	Y	860
SVMW-02-100	SV02-100-212	4/19/2021	N	1,3-Butadiene	< 4400	U	ug/m3	N	1200
SVMW-02-100	SV02-100-212	4/19/2021	N	1,2-Dichloroethane	< 2300	U	ug/m3	N	810

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-02-100	SV02-100-212	4/19/2021	N	4-Methyl-2-pentanone	< 2300	U	ug/m3	N	1000
SVMW-02-100	SV02-100-212	4/19/2021	N	1,3,5-Trimethylbenzene	20000		ug/m3	Y	1100
SVMW-02-100	SV02-100-212	4/19/2021	N	Tetrahydrofuran	< 2300	U	ug/m3	N	920
SVMW-02-100	SV02-100-212	4/19/2021	N	Hexane	1300000		ug/m3	Y	1500
SVMW-02-100	SV02-100-212	4/19/2021	N	Cyclohexane	1800000		ug/m3	Y	2100
SVMW-02-100	SV02-100-212	4/19/2021	N	Propylene (propene)	2100	J	ug/m3	Y	1800
SVMW-02-100	SV02-100-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 4400	U	ug/m3	N	1800
SVMW-02-100	SV02-100-212	4/19/2021	N	1,4-Dioxane	< 2300	U	ug/m3	N	870
SVMW-02-100	SV02-100-212	4/19/2021	N	Dibromochloromethane	< 2300	U	ug/m3	N	970
SVMW-02-100	SV02-100-212	4/19/2021	N	Tetrachloroethene	< 2300	U	ug/m3	N	950
SVMW-02-100	SV02-100-212	4/19/2021	N	Xylenes, total	620000		ug/m3	Y	1900
SVMW-02-100	SV02-100-212	4/19/2021	N	Ethyl acetate	< 9000	U	ug/m3	N	3900
SVMW-02-100	SV02-100-212	4/19/2021	N	m- & p-Xylenes	500000		ug/m3	Y	1900
SVMW-02-100	SV02-100-212	4/19/2021	N	Carbon tetrachloride	< 2300	U	ug/m3	N	1000
SVMW-02-100	SV02-100-212	4/19/2021	N	2-Hexanone	< 2300	U	ug/m3	N	910
SVMW-02-100	SV02-100-212	4/19/2021	N	Ethanol	< 11000	U	ug/m3	N	5100
SVMW-02-100	SV02-100-212	4/19/2021	N	Isopropyl alcohol	< 8700	U	ug/m3	N	3000
SVMW-02-100	SV02-100-212	4/19/2021	N	Acetone	< 37000	U	ug/m3	N	17000
SVMW-02-100	SV02-100-212	4/19/2021	N	Chloroform	< 2300	U	ug/m3	N	980
SVMW-02-100	SV02-100-212	4/19/2021	N	Benzene	570000		ug/m3	Y	1100
SVMW-02-100	SV02-100-212	4/19/2021	N	Chloromethane	< 4400	U	ug/m3	N	1200
SVMW-02-100	SV02-100-212	4/19/2021	N	Chloroethane	< 4400	U	ug/m3	N	910
SVMW-02-100	SV02-100-212	4/19/2021	N	Vinyl chloride	< 2300	U	ug/m3	N	790
SVMW-02-100	SV02-100-212	4/19/2021	N	Methylene chloride	< 4400	U	ug/m3	N	2100
SVMW-02-100	SV02-100-212	4/19/2021	N	Carbon disulfide	< 7500	U	ug/m3	N	2200
SVMW-02-100	SV02-100-212	4/19/2021	N	Bromoform	< 4400	U	ug/m3	N	1500
SVMW-02-100	SV02-100-212	4/19/2021	N	Bromodichloromethane	< 2300	U	ug/m3	N	1100
SVMW-02-100	SV02-100-212	4/19/2021	N	1,1-Dichloroethane	< 4600	U	ug/m3	N	1100
SVMW-02-100	SV02-100-212	4/19/2021	N	Trichlorofluoromethane	< 4400	U	ug/m3	N	1100
SVMW-02-100	SV02-100-212	4/19/2021	N	Dichlorodifluoromethane	< 4400	U	ug/m3	N	1200
SVMW-02-100	SV02-100-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2300	U	ug/m3	N	1000
SVMW-02-100	SV02-100-212	4/19/2021	N	2-Butanone	< 4400	U	ug/m3	N	1500
SVMW-02-100	SV02-100-212	4/19/2021	N	Trichloroethene	1100	J	ug/m3	Y	990
SVMW-02-100	SV02-100-212	4/19/2021	N	Naphthalene	< 4300	U	ug/m3	N	1800
SVMW-02-100	SV02-100-212	4/19/2021	N	o-Xylene	120000		ug/m3	Y	1100
SVMW-02-100	SV02-100-212	4/19/2021	N	1,2,4-Trimethylbenzene	32000		ug/m3	Y	1000
SVMW-02-100	SV02-100-212	4/19/2021	N	Toluene	2200000		ug/m3	Y	2700
SVMW-02-100	SV02-100-212	4/19/2021	N	n-Heptane	3000000		ug/m3	Y	3500
SVMW-02-150	SV02-150-212	4/19/2021	N	Ethylbenzene	90000		ug/m3	Y	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	Styrene	< 4900	U	ug/m3	N	1300
SVMW-02-150	SV02-150-212	4/19/2021	N	1,2-Dibromoethane	1300	J	ug/m3	Y	960
SVMW-02-150	SV02-150-212	4/19/2021	N	1,3-Butadiene	< 4900	U	ug/m3	N	1400
SVMW-02-150	SV02-150-212	4/19/2021	N	1,2-Dichloroethane	< 2600	U	ug/m3	N	910
SVMW-02-150	SV02-150-212	4/19/2021	N	4-Methyl-2-pentanone	< 2600	U	ug/m3	N	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	1,3,5-Trimethylbenzene	13000		ug/m3	Y	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	Toluene	1200000		ug/m3	Y	1000
SVMW-02-150	SV02-150-212	4/19/2021	N	Tetrahydrofuran	< 2600	U	ug/m3	N	1000
SVMW-02-150	SV02-150-212	4/19/2021	N	Hexane	1400000		ug/m3	Y	1700
SVMW-02-150	SV02-150-212	4/19/2021	N	Cyclohexane	1700000		ug/m3	Y	2300
SVMW-02-150	SV02-150-212	4/19/2021	N	Propylene (propene)	< 4900	U	ug/m3	N	2000
SVMW-02-150	SV02-150-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 4900	U	ug/m3	N	2000
SVMW-02-150	SV02-150-212	4/19/2021	N	1,4-Dioxane	< 2600	U	ug/m3	N	970
SVMW-02-150	SV02-150-212	4/19/2021	N	Dibromochloromethane	< 2600	U	ug/m3	N	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	Tetrachloroethene	< 2600	U	ug/m3	N	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	Xylenes, total	410000		ug/m3	Y	2200

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-02-150	SV02-150-212	4/19/2021	N	Ethyl acetate	< 10000	U	ug/m3	N	4300
SVMW-02-150	SV02-150-212	4/19/2021	N	m- & p-Xylenes	310000		ug/m3	Y	2200
SVMW-02-150	SV02-150-212	4/19/2021	N	Carbon tetrachloride	< 2600	U	ug/m3	N	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	2-Hexanone	< 2600	U	ug/m3	N	1000
SVMW-02-150	SV02-150-212	4/19/2021	N	Ethanol	< 13000	U	ug/m3	N	5700
SVMW-02-150	SV02-150-212	4/19/2021	N	Isopropyl alcohol	< 9700	U	ug/m3	N	3400
SVMW-02-150	SV02-150-212	4/19/2021	N	Acetone	< 42000	U	ug/m3	N	19000
SVMW-02-150	SV02-150-212	4/19/2021	N	Chloroform	< 2600	U	ug/m3	N	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	Benzene	570000		ug/m3	Y	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	Chloromethane	< 4900	U	ug/m3	N	1300
SVMW-02-150	SV02-150-212	4/19/2021	N	Chloroethane	< 4900	U	ug/m3	N	1000
SVMW-02-150	SV02-150-212	4/19/2021	N	Vinyl chloride	< 2600	U	ug/m3	N	880
SVMW-02-150	SV02-150-212	4/19/2021	N	Methylene chloride	< 4900	U	ug/m3	N	2300
SVMW-02-150	SV02-150-212	4/19/2021	N	Carbon disulfide	< 8300	U	ug/m3	N	2500
SVMW-02-150	SV02-150-212	4/19/2021	N	Bromoform	< 4900	U	ug/m3	N	1700
SVMW-02-150	SV02-150-212	4/19/2021	N	Bromodichloromethane	< 2600	U	ug/m3	N	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	1,1-Dichloroethane	< 5100	U	ug/m3	N	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	Trichlorofluoromethane	< 4900	U	ug/m3	N	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	Dichlorodifluoromethane	< 4900	U	ug/m3	N	1300
SVMW-02-150	SV02-150-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2600	U	ug/m3	N	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	2-Butanone	6900	J	ug/m3	Y	1700
SVMW-02-150	SV02-150-212	4/19/2021	N	Trichloroethene	< 2600	U	ug/m3	N	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	Naphthalene	< 4800	U	ug/m3	N	2000
SVMW-02-150	SV02-150-212	4/19/2021	N	o-Xylene	100000		ug/m3	Y	1200
SVMW-02-150	SV02-150-212	4/19/2021	N	1,2,4-Trimethylbenzene	19000		ug/m3	Y	1100
SVMW-02-150	SV02-150-212	4/19/2021	N	n-Heptane	2800000		ug/m3	Y	2600
SVMW-02-150	SV02-150-612	4/19/2021	FD	Ethylbenzene	98000		ug/m3	Y	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Styrene	< 4800	U	ug/m3	N	1300
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,2-Dibromoethane	1600	J	ug/m3	Y	920
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,3-Butadiene	< 4800	U	ug/m3	N	1300
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,2-Dichloroethane	< 2500	U	ug/m3	N	880
SVMW-02-150	SV02-150-612	4/19/2021	FD	4-Methyl-2-pentanone	< 2500	U	ug/m3	N	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,3,5-Trimethylbenzene	15000		ug/m3	Y	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Toluene	1300000		ug/m3	Y	970
SVMW-02-150	SV02-150-612	4/19/2021	FD	Tetrahydrofuran	< 2500	U	ug/m3	N	990
SVMW-02-150	SV02-150-612	4/19/2021	FD	Hexane	1500000		ug/m3	Y	1600
SVMW-02-150	SV02-150-612	4/19/2021	FD	Cyclohexane	1700000		ug/m3	Y	2200
SVMW-02-150	SV02-150-612	4/19/2021	FD	Propylene (propene)	< 4800	U	ug/m3	N	1900
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 4800	U	ug/m3	N	1900
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,4-Dioxane	< 2500	U	ug/m3	N	940
SVMW-02-150	SV02-150-612	4/19/2021	FD	Dibromochloromethane	< 2500	U	ug/m3	N	1000
SVMW-02-150	SV02-150-612	4/19/2021	FD	Tetrachloroethene	< 2500	U	ug/m3	N	1000
SVMW-02-150	SV02-150-612	4/19/2021	FD	Xylenes, total	450000		ug/m3	Y	2100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Ethyl acetate	< 9700	U	ug/m3	N	4200
SVMW-02-150	SV02-150-612	4/19/2021	FD	m- & p-Xylenes	340000		ug/m3	Y	2100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Carbon tetrachloride	< 2500	U	ug/m3	N	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	2-Hexanone	< 2500	U	ug/m3	N	980
SVMW-02-150	SV02-150-612	4/19/2021	FD	Ethanol	< 12000	U	ug/m3	N	5500
SVMW-02-150	SV02-150-612	4/19/2021	FD	Isopropyl alcohol	< 9400	U	ug/m3	N	3300
SVMW-02-150	SV02-150-612	4/19/2021	FD	Acetone	< 40000	U	ug/m3	N	18000
SVMW-02-150	SV02-150-612	4/19/2021	FD	Chloroform	< 2500	U	ug/m3	N	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Benzene	590000		ug/m3	Y	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Chloromethane	< 4800	U	ug/m3	N	1300
SVMW-02-150	SV02-150-612	4/19/2021	FD	Chloroethane	< 4800	U	ug/m3	N	980
SVMW-02-150	SV02-150-612	4/19/2021	FD	Vinyl chloride	< 2500	U	ug/m3	N	850

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-02-150	SV02-150-612	4/19/2021	FD	Methylene chloride	< 4800	U	ug/m3	N	2200
SVMW-02-150	SV02-150-612	4/19/2021	FD	Carbon disulfide	< 8000	U	ug/m3	N	2400
SVMW-02-150	SV02-150-612	4/19/2021	FD	Bromoform	< 4800	U	ug/m3	N	1600
SVMW-02-150	SV02-150-612	4/19/2021	FD	Bromodichloromethane	< 2500	U	ug/m3	N	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,1-Dichloroethane	< 4900	U	ug/m3	N	1200
SVMW-02-150	SV02-150-612	4/19/2021	FD	Trichlorofluoromethane	< 4800	U	ug/m3	N	1200
SVMW-02-150	SV02-150-612	4/19/2021	FD	Dichlorodifluoromethane	< 4800	U	ug/m3	N	1300
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2500	U	ug/m3	N	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	2-Butanone	< 4800	U	ug/m3	N	1600
SVMW-02-150	SV02-150-612	4/19/2021	FD	Trichloroethene	1400	J	ug/m3	Y	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	Naphthalene	4500	J	ug/m3	Y	1900
SVMW-02-150	SV02-150-612	4/19/2021	FD	o-Xylene	110000		ug/m3	Y	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	1,2,4-Trimethylbenzene	23000		ug/m3	Y	1100
SVMW-02-150	SV02-150-612	4/19/2021	FD	n-Heptane	2800000		ug/m3	Y	3300
SVMW-05-050	SV05-050-212	4/19/2021	N	Ethylbenzene	4.1		ug/m3	Y	0.35
SVMW-05-050	SV05-050-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
SVMW-05-050	SV05-050-212	4/19/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.29
SVMW-05-050	SV05-050-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
SVMW-05-050	SV05-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
SVMW-05-050	SV05-050-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.34
SVMW-05-050	SV05-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	11		ug/m3	Y	0.35
SVMW-05-050	SV05-050-212	4/19/2021	N	Toluene	12		ug/m3	Y	0.3
SVMW-05-050	SV05-050-212	4/19/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.31
SVMW-05-050	SV05-050-212	4/19/2021	N	Hexane	17		ug/m3	Y	0.51
SVMW-05-050	SV05-050-212	4/19/2021	N	Cyclohexane	18		ug/m3	Y	0.69
SVMW-05-050	SV05-050-212	4/19/2021	N	Propylene (propene)	7.6		ug/m3	Y	0.6
SVMW-05-050	SV05-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
SVMW-05-050	SV05-050-212	4/19/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
SVMW-05-050	SV05-050-212	4/19/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
SVMW-05-050	SV05-050-212	4/19/2021	N	Tetrachloroethene	2.2	J	ug/m3	Y	0.32
SVMW-05-050	SV05-050-212	4/19/2021	N	Xylenes, total	44		ug/m3	Y	0.64
SVMW-05-050	SV05-050-212	4/19/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
SVMW-05-050	SV05-050-212	4/19/2021	N	n-Heptane	31		ug/m3	Y	0.39
SVMW-05-050	SV05-050-212	4/19/2021	N	m- & p-Xylenes	31		ug/m3	Y	0.64
SVMW-05-050	SV05-050-212	4/19/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	0.34
SVMW-05-050	SV05-050-212	4/19/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
SVMW-05-050	SV05-050-212	4/19/2021	N	Ethanol	13	J	ug/m3	Y	1.7
SVMW-05-050	SV05-050-212	4/19/2021	N	Isopropyl alcohol	19		ug/m3	Y	1
SVMW-05-050	SV05-050-212	4/19/2021	N	Acetone	14	J	ug/m3	Y	5.5
SVMW-05-050	SV05-050-212	4/19/2021	N	Chloroform	< 0.78	U	ug/m3	N	0.33
SVMW-05-050	SV05-050-212	4/19/2021	N	Benzene	3.9		ug/m3	Y	0.35
SVMW-05-050	SV05-050-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
SVMW-05-050	SV05-050-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
SVMW-05-050	SV05-050-212	4/19/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
SVMW-05-050	SV05-050-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
SVMW-05-050	SV05-050-212	4/19/2021	N	Carbon disulfide	2.2	J	ug/m3	Y	0.74
SVMW-05-050	SV05-050-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
SVMW-05-050	SV05-050-212	4/19/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
SVMW-05-050	SV05-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
SVMW-05-050	SV05-050-212	4/19/2021	N	Trichlorofluoromethane	15		ug/m3	Y	0.37
SVMW-05-050	SV05-050-212	4/19/2021	N	Dichlorodifluoromethane	5.1		ug/m3	Y	0.4
SVMW-05-050	SV05-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	74		ug/m3	Y	0.35
SVMW-05-050	SV05-050-212	4/19/2021	N	2-Butanone	5.3		ug/m3	Y	0.51
SVMW-05-050	SV05-050-212	4/19/2021	N	Trichloroethene	< 0.78	U	ug/m3	N	0.33
SVMW-05-050	SV05-050-212	4/19/2021	N	Naphthalene	6.3		ug/m3	Y	0.6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-05-050	SV05-050-212	4/19/2021	N	o-Xylene	13		ug/m3	Y	0.35
SVMW-05-050	SV05-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	32		ug/m3	Y	0.34
SVMW-05-050	SV05-050-612	4/19/2021	FD	Ethylbenzene	8.1		ug/m3	Y	0.33
SVMW-05-050	SV05-050-612	4/19/2021	FD	Styrene	< 1.4	U	ug/m3	N	0.37
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
SVMW-05-050	SV05-050-612	4/19/2021	FD	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,3,5-Trimethylbenzene	15		ug/m3	Y	0.33
SVMW-05-050	SV05-050-612	4/19/2021	FD	Toluene	33		ug/m3	Y	0.28
SVMW-05-050	SV05-050-612	4/19/2021	FD	Tetrahydrofuran	24		ug/m3	Y	0.29
SVMW-05-050	SV05-050-612	4/19/2021	FD	Hexane	71		ug/m3	Y	0.48
SVMW-05-050	SV05-050-612	4/19/2021	FD	Cyclohexane	37		ug/m3	Y	0.65
SVMW-05-050	SV05-050-612	4/19/2021	FD	Propylene (propene)	1.5	J	ug/m3	Y	0.57
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,4-Dioxane	< 0.74	U	ug/m3	N	0.27
SVMW-05-050	SV05-050-612	4/19/2021	FD	Dibromochloromethane	< 0.74	U	ug/m3	N	0.3
SVMW-05-050	SV05-050-612	4/19/2021	FD	Tetrachloroethene	2.2	J	ug/m3	Y	0.3
SVMW-05-050	SV05-050-612	4/19/2021	FD	Xylenes, total	77		ug/m3	Y	0.61
SVMW-05-050	SV05-050-612	4/19/2021	FD	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
SVMW-05-050	SV05-050-612	4/19/2021	FD	n-Heptane	84		ug/m3	Y	0.37
SVMW-05-050	SV05-050-612	4/19/2021	FD	m- & p-Xylenes	57		ug/m3	Y	0.61
SVMW-05-050	SV05-050-612	4/19/2021	FD	Carbon tetrachloride	1.1	J	ug/m3	Y	0.32
SVMW-05-050	SV05-050-612	4/19/2021	FD	2-Hexanone	< 0.74	U	ug/m3	N	0.29
SVMW-05-050	SV05-050-612	4/19/2021	FD	Ethanol	15	J	ug/m3	Y	1.6
SVMW-05-050	SV05-050-612	4/19/2021	FD	Isopropyl alcohol	< 2.7	U	ug/m3	N	0.96
SVMW-05-050	SV05-050-612	4/19/2021	FD	Acetone	7.7	J	ug/m3	Y	5.2
SVMW-05-050	SV05-050-612	4/19/2021	FD	Chloroform	< 0.74	U	ug/m3	N	0.31
SVMW-05-050	SV05-050-612	4/19/2021	FD	Benzene	14		ug/m3	Y	0.33
SVMW-05-050	SV05-050-612	4/19/2021	FD	Chloromethane	< 1.4	U	ug/m3	N	0.37
SVMW-05-050	SV05-050-612	4/19/2021	FD	Chloroethane	< 1.4	U	ug/m3	N	0.29
SVMW-05-050	SV05-050-612	4/19/2021	FD	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
SVMW-05-050	SV05-050-612	4/19/2021	FD	Methylene chloride	< 1.4	U	ug/m3	N	0.65
SVMW-05-050	SV05-050-612	4/19/2021	FD	Carbon disulfide	2.4	J	ug/m3	Y	0.7
SVMW-05-050	SV05-050-612	4/19/2021	FD	Bromoform	< 1.4	U	ug/m3	N	0.48
SVMW-05-050	SV05-050-612	4/19/2021	FD	Bromodichloromethane	< 0.74	U	ug/m3	N	0.33
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
SVMW-05-050	SV05-050-612	4/19/2021	FD	Trichlorofluoromethane	15		ug/m3	Y	0.35
SVMW-05-050	SV05-050-612	4/19/2021	FD	Dichlorodifluoromethane	5.2		ug/m3	Y	0.38
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	75		ug/m3	Y	0.33
SVMW-05-050	SV05-050-612	4/19/2021	FD	2-Butanone	7.5		ug/m3	Y	0.48
SVMW-05-050	SV05-050-612	4/19/2021	FD	Trichloroethene	< 0.74	U	ug/m3	N	0.31
SVMW-05-050	SV05-050-612	4/19/2021	FD	Naphthalene	13		ug/m3	Y	0.57
SVMW-05-050	SV05-050-612	4/19/2021	FD	o-Xylene	20		ug/m3	Y	0.33
SVMW-05-050	SV05-050-612	4/19/2021	FD	1,2,4-Trimethylbenzene	49		ug/m3	Y	0.32
SVMW-05-100	SV05-100-212	4/19/2021	N	Ethylbenzene	2.2	J	ug/m3	Y	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	Styrene	< 4.9	U	ug/m3	N	1.3
SVMW-05-100	SV05-100-212	4/19/2021	N	1,2-Dibromoethane	< 2.6	U	ug/m3	N	0.95
SVMW-05-100	SV05-100-212	4/19/2021	N	1,3-Butadiene	< 4.9	U	ug/m3	N	1.3
SVMW-05-100	SV05-100-212	4/19/2021	N	1,2-Dichloroethane	< 2.6	U	ug/m3	N	0.9
SVMW-05-100	SV05-100-212	4/19/2021	N	4-Methyl-2-pentanone	< 2.6	U	ug/m3	N	1.1
SVMW-05-100	SV05-100-212	4/19/2021	N	1,3,5-Trimethylbenzene	5.9	J	ug/m3	Y	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	Toluene	3.5	J	ug/m3	Y	1
SVMW-05-100	SV05-100-212	4/19/2021	N	Tetrahydrofuran	1.4	J	ug/m3	Y	1
SVMW-05-100	SV05-100-212	4/19/2021	N	Hexane	13		ug/m3	Y	1.7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-05-100	SV05-100-212	4/19/2021	N	Cyclohexane	280		ug/m3	Y	2.3
SVMW-05-100	SV05-100-212	4/19/2021	N	Propylene (propene)	5	J	ug/m3	Y	2
SVMW-05-100	SV05-100-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 4.9	U	ug/m3	N	2
SVMW-05-100	SV05-100-212	4/19/2021	N	1,4-Dioxane	< 2.6	U	ug/m3	N	0.97
SVMW-05-100	SV05-100-212	4/19/2021	N	Dibromochloromethane	< 2.6	U	ug/m3	N	1.1
SVMW-05-100	SV05-100-212	4/19/2021	N	Tetrachloroethene	2.3	J	ug/m3	Y	1.1
SVMW-05-100	SV05-100-212	4/19/2021	N	Xylenes, total	12	J	ug/m3	Y	2.1
SVMW-05-100	SV05-100-212	4/19/2021	N	Ethyl acetate	< 10	U	ug/m3	N	4.3
SVMW-05-100	SV05-100-212	4/19/2021	N	n-Heptane	8		ug/m3	Y	1.3
SVMW-05-100	SV05-100-212	4/19/2021	N	m- & p-Xylenes	8.5	J	ug/m3	Y	2.1
SVMW-05-100	SV05-100-212	4/19/2021	N	Carbon tetrachloride	< 2.6	U	ug/m3	N	1.1
SVMW-05-100	SV05-100-212	4/19/2021	N	2-Hexanone	< 2.6	U	ug/m3	N	1
SVMW-05-100	SV05-100-212	4/19/2021	N	Ethanol	20	J	ug/m3	Y	5.7
SVMW-05-100	SV05-100-212	4/19/2021	N	Isopropyl alcohol	< 9.7	U	ug/m3	N	3.4
SVMW-05-100	SV05-100-212	4/19/2021	N	Acetone	< 41	U	ug/m3	N	18
SVMW-05-100	SV05-100-212	4/19/2021	N	Chloroform	< 2.6	U	ug/m3	N	1.1
SVMW-05-100	SV05-100-212	4/19/2021	N	Benzene	2.7	J	ug/m3	Y	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	Chloromethane	< 4.9	U	ug/m3	N	1.3
SVMW-05-100	SV05-100-212	4/19/2021	N	Chloroethane	< 4.9	U	ug/m3	N	1
SVMW-05-100	SV05-100-212	4/19/2021	N	Vinyl chloride	< 2.6	U	ug/m3	N	0.87
SVMW-05-100	SV05-100-212	4/19/2021	N	Methylene chloride	< 4.9	U	ug/m3	N	2.3
SVMW-05-100	SV05-100-212	4/19/2021	N	Carbon disulfide	< 8.3	U	ug/m3	N	2.5
SVMW-05-100	SV05-100-212	4/19/2021	N	Bromoform	< 4.9	U	ug/m3	N	1.7
SVMW-05-100	SV05-100-212	4/19/2021	N	Bromodichloromethane	< 2.6	U	ug/m3	N	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	1,1-Dichloroethane	< 5.1	U	ug/m3	N	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	Trichlorofluoromethane	9.5		ug/m3	Y	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	Dichlorodifluoromethane	7.5	J	ug/m3	Y	1.3
SVMW-05-100	SV05-100-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	120		ug/m3	Y	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	2-Butanone	5.4	J	ug/m3	Y	1.7
SVMW-05-100	SV05-100-212	4/19/2021	N	Trichloroethene	< 2.6	U	ug/m3	N	1.1
SVMW-05-100	SV05-100-212	4/19/2021	N	Naphthalene	2.9	J	ug/m3	Y	2
SVMW-05-100	SV05-100-212	4/19/2021	N	o-Xylene	3.3	J	ug/m3	Y	1.2
SVMW-05-100	SV05-100-212	4/19/2021	N	1,2,4-Trimethylbenzene	8.9		ug/m3	Y	1.1
SVMW-05-230	SV05-230-212	4/19/2021	N	Ethylbenzene	2600	J	ug/m3	Y	870
SVMW-05-230	SV05-230-212	4/19/2021	N	Styrene	< 3700	U	ug/m3	N	1000
SVMW-05-230	SV05-230-212	4/19/2021	N	1,2-Dibromoethane	< 2000	U	ug/m3	N	720
SVMW-05-230	SV05-230-212	4/19/2021	N	1,3-Butadiene	< 3700	U	ug/m3	N	1000
SVMW-05-230	SV05-230-212	4/19/2021	N	1,2-Dichloroethane	5300	J	ug/m3	Y	680
SVMW-05-230	SV05-230-212	4/19/2021	N	4-Methyl-2-pentanone	< 2000	U	ug/m3	N	850
SVMW-05-230	SV05-230-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 2000	U	ug/m3	N	890
SVMW-05-230	SV05-230-212	4/19/2021	N	Toluene	66000		ug/m3	Y	750
SVMW-05-230	SV05-230-212	4/19/2021	N	Tetrahydrofuran	< 2000	U	ug/m3	N	780
SVMW-05-230	SV05-230-212	4/19/2021	N	Cyclohexane	1200000		ug/m3	Y	1700
SVMW-05-230	SV05-230-212	4/19/2021	N	Propylene (propene)	13000		ug/m3	Y	1500
SVMW-05-230	SV05-230-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 3700	U	ug/m3	N	1500
SVMW-05-230	SV05-230-212	4/19/2021	N	1,4-Dioxane	< 2000	U	ug/m3	N	730
SVMW-05-230	SV05-230-212	4/19/2021	N	Dibromochloromethane	< 2000	U	ug/m3	N	810
SVMW-05-230	SV05-230-212	4/19/2021	N	Tetrachloroethene	< 2000	U	ug/m3	N	800
SVMW-05-230	SV05-230-212	4/19/2021	N	Xylenes, total	18000		ug/m3	Y	1600
SVMW-05-230	SV05-230-212	4/19/2021	N	Ethyl acetate	< 7500	U	ug/m3	N	3200
SVMW-05-230	SV05-230-212	4/19/2021	N	n-Heptane	980000		ug/m3	Y	990
SVMW-05-230	SV05-230-212	4/19/2021	N	m- & p-Xylenes	12000		ug/m3	Y	1600
SVMW-05-230	SV05-230-212	4/19/2021	N	Carbon tetrachloride	< 2000	U	ug/m3	N	860
SVMW-05-230	SV05-230-212	4/19/2021	N	2-Hexanone	< 2000	U	ug/m3	N	770
SVMW-05-230	SV05-230-212	4/19/2021	N	Ethanol	< 9600	U	ug/m3	N	4300

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-05-230	SV05-230-212	4/19/2021	N	Isopropyl alcohol	< 7300	U	ug/m3	N	2600
SVMW-05-230	SV05-230-212	4/19/2021	N	Acetone	< 31000	U	ug/m3	N	14000
SVMW-05-230	SV05-230-212	4/19/2021	N	Chloroform	< 2000	U	ug/m3	N	820
SVMW-05-230	SV05-230-212	4/19/2021	N	Benzene	56000		ug/m3	Y	890
SVMW-05-230	SV05-230-212	4/19/2021	N	Chloromethane	< 3700	U	ug/m3	N	1000
SVMW-05-230	SV05-230-212	4/19/2021	N	Chloroethane	< 3700	U	ug/m3	N	770
SVMW-05-230	SV05-230-212	4/19/2021	N	Vinyl chloride	< 2000	U	ug/m3	N	660
SVMW-05-230	SV05-230-212	4/19/2021	N	Methylene chloride	< 3700	U	ug/m3	N	1700
SVMW-05-230	SV05-230-212	4/19/2021	N	Carbon disulfide	< 6300	U	ug/m3	N	1900
SVMW-05-230	SV05-230-212	4/19/2021	N	Bromoform	< 3700	U	ug/m3	N	1300
SVMW-05-230	SV05-230-212	4/19/2021	N	Bromodichloromethane	< 2000	U	ug/m3	N	890
SVMW-05-230	SV05-230-212	4/19/2021	N	1,1-Dichloroethane	< 3800	U	ug/m3	N	900
SVMW-05-230	SV05-230-212	4/19/2021	N	Trichlorofluoromethane	< 3700	U	ug/m3	N	940
SVMW-05-230	SV05-230-212	4/19/2021	N	Dichlorodifluoromethane	< 3700	U	ug/m3	N	1000
SVMW-05-230	SV05-230-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 2000	U	ug/m3	N	880
SVMW-05-230	SV05-230-212	4/19/2021	N	2-Butanone	< 3700	U	ug/m3	N	1300
SVMW-05-230	SV05-230-212	4/19/2021	N	Trichloroethene	< 2000	U	ug/m3	N	840
SVMW-05-230	SV05-230-212	4/19/2021	N	Naphthalene	< 3600	U	ug/m3	N	1500
SVMW-05-230	SV05-230-212	4/19/2021	N	o-Xylene	5500	J	ug/m3	Y	890
SVMW-05-230	SV05-230-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 2000	U	ug/m3	N	860
SVMW-05-230	SV05-230-212	4/19/2021	N	Hexane	1000000		ug/m3	Y	3800
SVMW-05-290	SV05-290-212	4/19/2021	N	Ethylbenzene	5.5	J	ug/m3	Y	4.2
SVMW-05-290	SV05-290-212	4/19/2021	N	Styrene	< 18	U	ug/m3	N	4.9
SVMW-05-290	SV05-290-212	4/19/2021	N	1,2-Dibromoethane	< 9.6	U	ug/m3	N	3.5
SVMW-05-290	SV05-290-212	4/19/2021	N	1,3-Butadiene	< 18	U	ug/m3	N	5
SVMW-05-290	SV05-290-212	4/19/2021	N	1,2-Dichloroethane	32		ug/m3	Y	3.3
SVMW-05-290	SV05-290-212	4/19/2021	N	4-Methyl-2-pentanone	< 9.6	U	ug/m3	N	4.1
SVMW-05-290	SV05-290-212	4/19/2021	N	1,3,5-Trimethylbenzene	21	J	ug/m3	Y	4.4
SVMW-05-290	SV05-290-212	4/19/2021	N	Toluene	88		ug/m3	Y	3.7
SVMW-05-290	SV05-290-212	4/19/2021	N	Tetrahydrofuran	< 9.6	U	ug/m3	N	3.8
SVMW-05-290	SV05-290-212	4/19/2021	N	Hexane	5800		ug/m3	Y	6.2
SVMW-05-290	SV05-290-212	4/19/2021	N	Cyclohexane	8500		ug/m3	Y	8.5
SVMW-05-290	SV05-290-212	4/19/2021	N	Propylene (propene)	32		ug/m3	Y	7.4
SVMW-05-290	SV05-290-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 18	U	ug/m3	N	7.4
SVMW-05-290	SV05-290-212	4/19/2021	N	1,4-Dioxane	< 9.6	U	ug/m3	N	3.6
SVMW-05-290	SV05-290-212	4/19/2021	N	Dibromochloromethane	< 9.6	U	ug/m3	N	4
SVMW-05-290	SV05-290-212	4/19/2021	N	Tetrachloroethene	12	J	ug/m3	Y	3.9
SVMW-05-290	SV05-290-212	4/19/2021	N	Xylenes, total	87		ug/m3	Y	7.9
SVMW-05-290	SV05-290-212	4/19/2021	N	Ethyl acetate	< 37	U	ug/m3	N	16
SVMW-05-290	SV05-290-212	4/19/2021	N	n-Heptane	3100		ug/m3	Y	4.8
SVMW-05-290	SV05-290-212	4/19/2021	N	m- & p-Xylenes	40	J	ug/m3	Y	7.9
SVMW-05-290	SV05-290-212	4/19/2021	N	Carbon tetrachloride	37		ug/m3	Y	4.2
SVMW-05-290	SV05-290-212	4/19/2021	N	2-Hexanone	< 9.6	U	ug/m3	N	3.7
SVMW-05-290	SV05-290-212	4/19/2021	N	Ethanol	< 47	U	ug/m3	N	21
SVMW-05-290	SV05-290-212	4/19/2021	N	Isopropyl alcohol	< 36	U	ug/m3	N	12
SVMW-05-290	SV05-290-212	4/19/2021	N	Acetone	< 150	U	ug/m3	N	68
SVMW-05-290	SV05-290-212	4/19/2021	N	Chloroform	< 9.6	U	ug/m3	N	4
SVMW-05-290	SV05-290-212	4/19/2021	N	Benzene	270		ug/m3	Y	4.4
SVMW-05-290	SV05-290-212	4/19/2021	N	Chloromethane	< 18	U	ug/m3	N	4.9
SVMW-05-290	SV05-290-212	4/19/2021	N	Chloroethane	< 18	U	ug/m3	N	3.7
SVMW-05-290	SV05-290-212	4/19/2021	N	Vinyl chloride	< 9.6	U	ug/m3	N	3.2
SVMW-05-290	SV05-290-212	4/19/2021	N	Methylene chloride	< 18	U	ug/m3	N	8.5
SVMW-05-290	SV05-290-212	4/19/2021	N	Carbon disulfide	< 31	U	ug/m3	N	9.1
SVMW-05-290	SV05-290-212	4/19/2021	N	Bromoform	< 18	U	ug/m3	N	6.2
SVMW-05-290	SV05-290-212	4/19/2021	N	Bromodichloromethane	< 9.6	U	ug/m3	N	4.4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-05-290	SV05-290-212	4/19/2021	N	1,1-Dichloroethane	< 19	U	ug/m3	N	4.4
SVMW-05-290	SV05-290-212	4/19/2021	N	Trichlorofluoromethane	5.5	J	ug/m3	Y	4.6
SVMW-05-290	SV05-290-212	4/19/2021	N	Dichlorodifluoromethane	24	J	ug/m3	Y	4.9
SVMW-05-290	SV05-290-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	800		ug/m3	Y	4.3
SVMW-05-290	SV05-290-212	4/19/2021	N	2-Butanone	< 18	U	ug/m3	N	6.2
SVMW-05-290	SV05-290-212	4/19/2021	N	Trichloroethene	< 9.6	U	ug/m3	N	4.1
SVMW-05-290	SV05-290-212	4/19/2021	N	Naphthalene	< 18	U	ug/m3	N	7.4
SVMW-05-290	SV05-290-212	4/19/2021	N	o-Xylene	48		ug/m3	Y	4.4
SVMW-05-290	SV05-290-212	4/19/2021	N	1,2,4-Trimethylbenzene	5.7	J	ug/m3	Y	4.2
SVMW-06-050	SV06-050-212	4/19/2021	N	Ethylbenzene	12		ug/m3	Y	0.35
SVMW-06-050	SV06-050-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
SVMW-06-050	SV06-050-212	4/19/2021	N	1,2-Dibromoethane	0.31	J	ug/m3	Y	0.29
SVMW-06-050	SV06-050-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
SVMW-06-050	SV06-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
SVMW-06-050	SV06-050-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.34
SVMW-06-050	SV06-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	11		ug/m3	Y	0.35
SVMW-06-050	SV06-050-212	4/19/2021	N	Toluene	82		ug/m3	Y	0.3
SVMW-06-050	SV06-050-212	4/19/2021	N	Tetrahydrofuran	0.43	J	ug/m3	Y	0.31
SVMW-06-050	SV06-050-212	4/19/2021	N	Hexane	10		ug/m3	Y	0.51
SVMW-06-050	SV06-050-212	4/19/2021	N	Cyclohexane	7.7		ug/m3	Y	0.69
SVMW-06-050	SV06-050-212	4/19/2021	N	Propylene (propene)	52		ug/m3	Y	0.6
SVMW-06-050	SV06-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
SVMW-06-050	SV06-050-212	4/19/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
SVMW-06-050	SV06-050-212	4/19/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
SVMW-06-050	SV06-050-212	4/19/2021	N	Tetrachloroethene	1.8	J	ug/m3	Y	0.32
SVMW-06-050	SV06-050-212	4/19/2021	N	Xylenes, total	87		ug/m3	Y	0.64
SVMW-06-050	SV06-050-212	4/19/2021	N	Ethyl acetate	31		ug/m3	Y	1.3
SVMW-06-050	SV06-050-212	4/19/2021	N	n-Heptane	27		ug/m3	Y	0.39
SVMW-06-050	SV06-050-212	4/19/2021	N	m- & p-Xylenes	66		ug/m3	Y	0.64
SVMW-06-050	SV06-050-212	4/19/2021	N	Carbon tetrachloride	26		ug/m3	Y	0.34
SVMW-06-050	SV06-050-212	4/19/2021	N	2-Hexanone	< 0.78	U	ug/m3	N	0.3
SVMW-06-050	SV06-050-212	4/19/2021	N	Ethanol	13	J	ug/m3	Y	1.7
SVMW-06-050	SV06-050-212	4/19/2021	N	Isopropyl alcohol	140		ug/m3	Y	1
SVMW-06-050	SV06-050-212	4/19/2021	N	Acetone	27		ug/m3	Y	5.5
SVMW-06-050	SV06-050-212	4/19/2021	N	Chloroform	< 0.78	U	ug/m3	N	0.33
SVMW-06-050	SV06-050-212	4/19/2021	N	Benzene	8.4		ug/m3	Y	0.35
SVMW-06-050	SV06-050-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
SVMW-06-050	SV06-050-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
SVMW-06-050	SV06-050-212	4/19/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
SVMW-06-050	SV06-050-212	4/19/2021	N	Methylene chloride	1.5	J	ug/m3	Y	0.69
SVMW-06-050	SV06-050-212	4/19/2021	N	Carbon disulfide	7		ug/m3	Y	0.74
SVMW-06-050	SV06-050-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
SVMW-06-050	SV06-050-212	4/19/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
SVMW-06-050	SV06-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
SVMW-06-050	SV06-050-212	4/19/2021	N	Trichlorofluoromethane	5.6		ug/m3	Y	0.37
SVMW-06-050	SV06-050-212	4/19/2021	N	Dichlorodifluoromethane	20		ug/m3	Y	0.4
SVMW-06-050	SV06-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	100		ug/m3	Y	0.35
SVMW-06-050	SV06-050-212	4/19/2021	N	2-Butanone	3.6	J	ug/m3	Y	0.51
SVMW-06-050	SV06-050-212	4/19/2021	N	Trichloroethene	17		ug/m3	Y	0.33
SVMW-06-050	SV06-050-212	4/19/2021	N	Naphthalene	1.5	J	ug/m3	Y	0.6
SVMW-06-050	SV06-050-212	4/19/2021	N	o-Xylene	21		ug/m3	Y	0.35
SVMW-06-050	SV06-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	33		ug/m3	Y	0.34
SVMW-06-100	SV06-100-212	4/19/2021	N	Ethylbenzene	8.7		ug/m3	Y	0.36
SVMW-06-100	SV06-100-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
SVMW-06-100	SV06-100-212	4/19/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-06-100	SV06-100-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
SVMW-06-100	SV06-100-212	4/19/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
SVMW-06-100	SV06-100-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
SVMW-06-100	SV06-100-212	4/19/2021	N	1,3,5-Trimethylbenzene	7.7		ug/m3	Y	0.37
SVMW-06-100	SV06-100-212	4/19/2021	N	Toluene	59		ug/m3	Y	0.31
SVMW-06-100	SV06-100-212	4/19/2021	N	Tetrahydrofuran	0.6	J	ug/m3	Y	0.32
SVMW-06-100	SV06-100-212	4/19/2021	N	Hexane	7.8		ug/m3	Y	0.53
SVMW-06-100	SV06-100-212	4/19/2021	N	Cyclohexane	4.4	J	ug/m3	Y	0.72
SVMW-06-100	SV06-100-212	4/19/2021	N	Propylene (propene)	2.2	J	ug/m3	Y	0.62
SVMW-06-100	SV06-100-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
SVMW-06-100	SV06-100-212	4/19/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
SVMW-06-100	SV06-100-212	4/19/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
SVMW-06-100	SV06-100-212	4/19/2021	N	Tetrachloroethene	2	J	ug/m3	Y	0.33
SVMW-06-100	SV06-100-212	4/19/2021	N	Xylenes, total	64		ug/m3	Y	0.67
SVMW-06-100	SV06-100-212	4/19/2021	N	Ethyl acetate	3.1	J	ug/m3	Y	1.3
SVMW-06-100	SV06-100-212	4/19/2021	N	n-Heptane	21		ug/m3	Y	0.41
SVMW-06-100	SV06-100-212	4/19/2021	N	m- & p-Xylenes	49		ug/m3	Y	0.67
SVMW-06-100	SV06-100-212	4/19/2021	N	Carbon tetrachloride	25		ug/m3	Y	0.36
SVMW-06-100	SV06-100-212	4/19/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
SVMW-06-100	SV06-100-212	4/19/2021	N	Ethanol	7.9	J	ug/m3	Y	1.8
SVMW-06-100	SV06-100-212	4/19/2021	N	Isopropyl alcohol	3.1	J	ug/m3	Y	1.1
SVMW-06-100	SV06-100-212	4/19/2021	N	Acetone	14	J	ug/m3	Y	5.8
SVMW-06-100	SV06-100-212	4/19/2021	N	Chloroform	2.4	J	ug/m3	Y	0.34
SVMW-06-100	SV06-100-212	4/19/2021	N	Benzene	6.4		ug/m3	Y	0.37
SVMW-06-100	SV06-100-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
SVMW-06-100	SV06-100-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
SVMW-06-100	SV06-100-212	4/19/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.27
SVMW-06-100	SV06-100-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
SVMW-06-100	SV06-100-212	4/19/2021	N	Carbon disulfide	2	J	ug/m3	Y	0.77
SVMW-06-100	SV06-100-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
SVMW-06-100	SV06-100-212	4/19/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
SVMW-06-100	SV06-100-212	4/19/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
SVMW-06-100	SV06-100-212	4/19/2021	N	Trichlorofluoromethane	5.7		ug/m3	Y	0.39
SVMW-06-100	SV06-100-212	4/19/2021	N	Dichlorodifluoromethane	22		ug/m3	Y	0.42
SVMW-06-100	SV06-100-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	99		ug/m3	Y	0.36
SVMW-06-100	SV06-100-212	4/19/2021	N	2-Butanone	3.8	J	ug/m3	Y	0.53
SVMW-06-100	SV06-100-212	4/19/2021	N	Trichloroethene	< 0.82	U	ug/m3	N	0.35
SVMW-06-100	SV06-100-212	4/19/2021	N	Naphthalene	6.1		ug/m3	Y	0.62
SVMW-06-100	SV06-100-212	4/19/2021	N	o-Xylene	15		ug/m3	Y	0.37
SVMW-06-100	SV06-100-212	4/19/2021	N	1,2,4-Trimethylbenzene	27		ug/m3	Y	0.36
SVMW-06-100	SV06-100-612	4/19/2021	FD	Ethylbenzene	8.7		ug/m3	Y	0.33
SVMW-06-100	SV06-100-612	4/19/2021	FD	Styrene	< 1.4	U	ug/m3	N	0.38
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,2-Dibromoethane	< 0.75	U	ug/m3	N	0.27
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,2-Dichloroethane	< 0.75	U	ug/m3	N	0.26
SVMW-06-100	SV06-100-612	4/19/2021	FD	4-Methyl-2-pentanone	< 0.75	U	ug/m3	N	0.32
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,3,5-Trimethylbenzene	7.6		ug/m3	Y	0.34
SVMW-06-100	SV06-100-612	4/19/2021	FD	Toluene	64		ug/m3	Y	0.29
SVMW-06-100	SV06-100-612	4/19/2021	FD	Tetrahydrofuran	0.91	J	ug/m3	Y	0.29
SVMW-06-100	SV06-100-612	4/19/2021	FD	Hexane	7.8		ug/m3	Y	0.48
SVMW-06-100	SV06-100-612	4/19/2021	FD	Cyclohexane	5.1		ug/m3	Y	0.66
SVMW-06-100	SV06-100-612	4/19/2021	FD	Propylene (propene)	270		ug/m3	Y	0.57
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,4-Dioxane	< 0.75	U	ug/m3	N	0.28
SVMW-06-100	SV06-100-612	4/19/2021	FD	Dibromochloromethane	< 0.75	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-06-100	SV06-100-612	4/19/2021	FD	Tetrachloroethene	2	J	ug/m3	Y	0.3
SVMW-06-100	SV06-100-612	4/19/2021	FD	Xylenes, total	63		ug/m3	Y	0.62
SVMW-06-100	SV06-100-612	4/19/2021	FD	Ethyl acetate	110		ug/m3	Y	1.2
SVMW-06-100	SV06-100-612	4/19/2021	FD	n-Heptane	23		ug/m3	Y	0.37
SVMW-06-100	SV06-100-612	4/19/2021	FD	m- & p-Xylenes	48		ug/m3	Y	0.62
SVMW-06-100	SV06-100-612	4/19/2021	FD	Carbon tetrachloride	23		ug/m3	Y	0.33
SVMW-06-100	SV06-100-612	4/19/2021	FD	2-Hexanone	< 0.75	U	ug/m3	N	0.29
SVMW-06-100	SV06-100-612	4/19/2021	FD	Ethanol	16	J	ug/m3	Y	1.6
SVMW-06-100	SV06-100-612	4/19/2021	FD	Isopropyl alcohol	850		ug/m3	Y	0.97
SVMW-06-100	SV06-100-612	4/19/2021	FD	Acetone	29		ug/m3	Y	5.3
SVMW-06-100	SV06-100-612	4/19/2021	FD	Chloroform	2.4		ug/m3	Y	0.31
SVMW-06-100	SV06-100-612	4/19/2021	FD	Benzene	6.6		ug/m3	Y	0.34
SVMW-06-100	SV06-100-612	4/19/2021	FD	Chloromethane	< 1.4	U	ug/m3	N	0.38
SVMW-06-100	SV06-100-612	4/19/2021	FD	Chloroethane	< 1.4	U	ug/m3	N	0.29
SVMW-06-100	SV06-100-612	4/19/2021	FD	Vinyl chloride	< 0.75	U	ug/m3	N	0.25
SVMW-06-100	SV06-100-612	4/19/2021	FD	Methylene chloride	< 1.4	U	ug/m3	N	0.66
SVMW-06-100	SV06-100-612	4/19/2021	FD	Carbon disulfide	10		ug/m3	Y	0.7
SVMW-06-100	SV06-100-612	4/19/2021	FD	Bromoform	< 1.4	U	ug/m3	N	0.48
SVMW-06-100	SV06-100-612	4/19/2021	FD	Bromodichloromethane	< 0.75	U	ug/m3	N	0.34
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.34
SVMW-06-100	SV06-100-612	4/19/2021	FD	Trichlorofluoromethane	5.3		ug/m3	Y	0.36
SVMW-06-100	SV06-100-612	4/19/2021	FD	Dichlorodifluoromethane	20		ug/m3	Y	0.38
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	90		ug/m3	Y	0.33
SVMW-06-100	SV06-100-612	4/19/2021	FD	2-Butanone	1.4	J	ug/m3	Y	0.48
SVMW-06-100	SV06-100-612	4/19/2021	FD	Trichloroethene	< 0.75	U	ug/m3	N	0.32
SVMW-06-100	SV06-100-612	4/19/2021	FD	Naphthalene	7.6		ug/m3	Y	0.57
SVMW-06-100	SV06-100-612	4/19/2021	FD	o-Xylene	15		ug/m3	Y	0.34
SVMW-06-100	SV06-100-612	4/19/2021	FD	1,2,4-Trimethylbenzene	27		ug/m3	Y	0.33
SVMW-06-252	SV06-252-212	4/19/2021	N	Ethylbenzene	< 590	U	ug/m3	N	260
SVMW-06-252	SV06-252-212	4/19/2021	N	Styrene	< 1100	U	ug/m3	N	300
SVMW-06-252	SV06-252-212	4/19/2021	N	1,2-Dibromoethane	< 590	U	ug/m3	N	220
SVMW-06-252	SV06-252-212	4/19/2021	N	1,3-Butadiene	< 1100	U	ug/m3	N	310
SVMW-06-252	SV06-252-212	4/19/2021	N	1,2-Dichloroethane	1100	J	ug/m3	Y	210
SVMW-06-252	SV06-252-212	4/19/2021	N	4-Methyl-2-pentanone	< 590	U	ug/m3	N	250
SVMW-06-252	SV06-252-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 590	U	ug/m3	N	270
SVMW-06-252	SV06-252-212	4/19/2021	N	Toluene	8000		ug/m3	Y	230
SVMW-06-252	SV06-252-212	4/19/2021	N	Tetrahydrofuran	< 590	U	ug/m3	N	230
SVMW-06-252	SV06-252-212	4/19/2021	N	Hexane	18000		ug/m3	Y	380
SVMW-06-252	SV06-252-212	4/19/2021	N	Cyclohexane	130000		ug/m3	Y	520
SVMW-06-252	SV06-252-212	4/19/2021	N	Propylene (propene)	710	J	ug/m3	Y	450
SVMW-06-252	SV06-252-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1100	U	ug/m3	N	450
SVMW-06-252	SV06-252-212	4/19/2021	N	1,4-Dioxane	< 590	U	ug/m3	N	220
SVMW-06-252	SV06-252-212	4/19/2021	N	Dibromochloromethane	< 590	U	ug/m3	N	240
SVMW-06-252	SV06-252-212	4/19/2021	N	Tetrachloroethene	< 590	U	ug/m3	N	240
SVMW-06-252	SV06-252-212	4/19/2021	N	Xylenes, total	4400		ug/m3	Y	490
SVMW-06-252	SV06-252-212	4/19/2021	N	Ethyl acetate	< 2300	U	ug/m3	N	970
SVMW-06-252	SV06-252-212	4/19/2021	N	n-Heptane	460	J	ug/m3	Y	300
SVMW-06-252	SV06-252-212	4/19/2021	N	m- & p-Xylenes	1200	J	ug/m3	Y	490
SVMW-06-252	SV06-252-212	4/19/2021	N	Carbon tetrachloride	< 590	U	ug/m3	N	260
SVMW-06-252	SV06-252-212	4/19/2021	N	2-Hexanone	< 590	U	ug/m3	N	230
SVMW-06-252	SV06-252-212	4/19/2021	N	Ethanol	3400	J	ug/m3	Y	1300
SVMW-06-252	SV06-252-212	4/19/2021	N	Isopropyl alcohol	< 2200	U	ug/m3	N	770
SVMW-06-252	SV06-252-212	4/19/2021	N	Acetone	< 9400	U	ug/m3	N	4200
SVMW-06-252	SV06-252-212	4/19/2021	N	Chloroform	< 590	U	ug/m3	N	250
SVMW-06-252	SV06-252-212	4/19/2021	N	Benzene	330000		ug/m3	Y	270

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-06-252	SV06-252-212	4/19/2021	N	Chloromethane	< 1100	U	ug/m3	N	300
SVMW-06-252	SV06-252-212	4/19/2021	N	Chloroethane	< 1100	U	ug/m3	N	230
SVMW-06-252	SV06-252-212	4/19/2021	N	Vinyl chloride	< 590	U	ug/m3	N	200
SVMW-06-252	SV06-252-212	4/19/2021	N	Methylene chloride	< 1100	U	ug/m3	N	520
SVMW-06-252	SV06-252-212	4/19/2021	N	Carbon disulfide	< 1900	U	ug/m3	N	560
SVMW-06-252	SV06-252-212	4/19/2021	N	Bromoform	< 1100	U	ug/m3	N	380
SVMW-06-252	SV06-252-212	4/19/2021	N	Bromodichloromethane	< 590	U	ug/m3	N	270
SVMW-06-252	SV06-252-212	4/19/2021	N	1,1-Dichloroethane	< 1100	U	ug/m3	N	270
SVMW-06-252	SV06-252-212	4/19/2021	N	Trichlorofluoromethane	< 1100	U	ug/m3	N	280
SVMW-06-252	SV06-252-212	4/19/2021	N	Dichlorodifluoromethane	< 1100	U	ug/m3	N	300
SVMW-06-252	SV06-252-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	500	J	ug/m3	Y	260
SVMW-06-252	SV06-252-212	4/19/2021	N	2-Butanone	< 1100	U	ug/m3	N	380
SVMW-06-252	SV06-252-212	4/19/2021	N	Trichloroethene	< 590	U	ug/m3	N	250
SVMW-06-252	SV06-252-212	4/19/2021	N	Naphthalene	< 1100	U	ug/m3	N	450
SVMW-06-252	SV06-252-212	4/19/2021	N	o-Xylene	3200		ug/m3	Y	270
SVMW-06-252	SV06-252-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 590	U	ug/m3	N	260
SVMW-06-302	SV06-302-212	4/19/2021	N	Ethylbenzene	2.4	J	ug/m3	Y	0.72
SVMW-06-302	SV06-302-212	4/19/2021	N	Styrene	< 3.1	U	ug/m3	N	0.82
SVMW-06-302	SV06-302-212	4/19/2021	N	1,2-Dibromoethane	1.3	J	ug/m3	Y	0.59
SVMW-06-302	SV06-302-212	4/19/2021	N	1,3-Butadiene	< 3.1	U	ug/m3	N	0.84
SVMW-06-302	SV06-302-212	4/19/2021	N	1,2-Dichloroethane	< 1.6	U	ug/m3	N	0.56
SVMW-06-302	SV06-302-212	4/19/2021	N	4-Methyl-2-pentanone	< 1.6	U	ug/m3	N	0.7
SVMW-06-302	SV06-302-212	4/19/2021	N	1,3,5-Trimethylbenzene	2.3	J	ug/m3	Y	0.74
SVMW-06-302	SV06-302-212	4/19/2021	N	Toluene	18		ug/m3	Y	0.62
SVMW-06-302	SV06-302-212	4/19/2021	N	Tetrahydrofuran	1.5	J	ug/m3	Y	0.64
SVMW-06-302	SV06-302-212	4/19/2021	N	Hexane	36		ug/m3	Y	1.1
SVMW-06-302	SV06-302-212	4/19/2021	N	Cyclohexane	240		ug/m3	Y	1.4
SVMW-06-302	SV06-302-212	4/19/2021	N	Propylene (propene)	9.7		ug/m3	Y	1.2
SVMW-06-302	SV06-302-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 3.1	U	ug/m3	N	1.2
SVMW-06-302	SV06-302-212	4/19/2021	N	1,4-Dioxane	< 1.6	U	ug/m3	N	0.6
SVMW-06-302	SV06-302-212	4/19/2021	N	Dibromochloromethane	< 1.6	U	ug/m3	N	0.67
SVMW-06-302	SV06-302-212	4/19/2021	N	Tetrachloroethene	1.7	J	ug/m3	Y	0.66
SVMW-06-302	SV06-302-212	4/19/2021	N	Xylenes, total	18		ug/m3	Y	1.3
SVMW-06-302	SV06-302-212	4/19/2021	N	Ethyl acetate	< 6.2	U	ug/m3	N	2.7
SVMW-06-302	SV06-302-212	4/19/2021	N	n-Heptane	20		ug/m3	Y	0.81
SVMW-06-302	SV06-302-212	4/19/2021	N	m- & p-Xylenes	11		ug/m3	Y	1.3
SVMW-06-302	SV06-302-212	4/19/2021	N	Carbon tetrachloride	61		ug/m3	Y	0.71
SVMW-06-302	SV06-302-212	4/19/2021	N	2-Hexanone	< 1.6	U	ug/m3	N	0.63
SVMW-06-302	SV06-302-212	4/19/2021	N	Ethanol	6.7	J	ug/m3	Y	3.5
SVMW-06-302	SV06-302-212	4/19/2021	N	Isopropyl alcohol	4.9	J	ug/m3	Y	2.1
SVMW-06-302	SV06-302-212	4/19/2021	N	Acetone	20	J	ug/m3	Y	11
SVMW-06-302	SV06-302-212	4/19/2021	N	Chloroform	8.4		ug/m3	Y	0.68
SVMW-06-302	SV06-302-212	4/19/2021	N	Benzene	92		ug/m3	Y	0.74
SVMW-06-302	SV06-302-212	4/19/2021	N	Chloromethane	1.1	J	ug/m3	Y	0.82
SVMW-06-302	SV06-302-212	4/19/2021	N	Chloroethane	< 3.1	U	ug/m3	N	0.63
SVMW-06-302	SV06-302-212	4/19/2021	N	Vinyl chloride	< 1.6	U	ug/m3	N	0.54
SVMW-06-302	SV06-302-212	4/19/2021	N	Methylene chloride	< 3.1	U	ug/m3	N	1.4
SVMW-06-302	SV06-302-212	4/19/2021	N	Carbon disulfide	12		ug/m3	Y	1.5
SVMW-06-302	SV06-302-212	4/19/2021	N	Bromoform	< 3.1	U	ug/m3	N	1.1
SVMW-06-302	SV06-302-212	4/19/2021	N	Bromodichloromethane	< 1.6	U	ug/m3	N	0.74
SVMW-06-302	SV06-302-212	4/19/2021	N	1,1-Dichloroethane	< 3.2	U	ug/m3	N	0.74
SVMW-06-302	SV06-302-212	4/19/2021	N	Trichlorofluoromethane	13		ug/m3	Y	0.77
SVMW-06-302	SV06-302-212	4/19/2021	N	Dichlorodifluoromethane	39		ug/m3	Y	0.83
SVMW-06-302	SV06-302-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	130		ug/m3	Y	0.73
SVMW-06-302	SV06-302-212	4/19/2021	N	2-Butanone	6.3	J	ug/m3	Y	1.1

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-06-302	SV06-302-212	4/19/2021	N	Trichloroethene	0.74	J	ug/m3	Y	0.69
SVMW-06-302	SV06-302-212	4/19/2021	N	Naphthalene	< 3	U	ug/m3	N	1.2
SVMW-06-302	SV06-302-212	4/19/2021	N	o-Xylene	7.1		ug/m3	Y	0.74
SVMW-06-302	SV06-302-212	4/19/2021	N	1,2,4-Trimethylbenzene	5.1		ug/m3	Y	0.71
SVMW-07-050	SV07-050-212	4/21/2021	N	Ethylbenzene	2400		ug/m3	Y	310
SVMW-07-050	SV07-050-212	4/21/2021	N	Styrene	< 1300	U	ug/m3	N	360
SVMW-07-050	SV07-050-212	4/21/2021	N	1,2-Dibromoethane	< 710	U	ug/m3	N	260
SVMW-07-050	SV07-050-212	4/21/2021	N	1,3-Butadiene	< 1300	U	ug/m3	N	370
SVMW-07-050	SV07-050-212	4/21/2021	N	1,2-Dichloroethane	< 710	U	ug/m3	N	250
SVMW-07-050	SV07-050-212	4/21/2021	N	4-Methyl-2-pentanone	< 710	U	ug/m3	N	300
SVMW-07-050	SV07-050-212	4/21/2021	N	1,3,5-Trimethylbenzene	< 710	U	ug/m3	N	320
SVMW-07-050	SV07-050-212	4/21/2021	N	Toluene	39000		ug/m3	Y	270
SVMW-07-050	SV07-050-212	4/21/2021	N	Tetrahydrofuran	< 710	U	ug/m3	N	280
SVMW-07-050	SV07-050-212	4/21/2021	N	Cyclohexane	500000		ug/m3	Y	630
SVMW-07-050	SV07-050-212	4/21/2021	N	Propylene (propene)	1500	J	ug/m3	Y	540
SVMW-07-050	SV07-050-212	4/21/2021	N	1,2,4-Trichlorobenzene	< 1300	U	ug/m3	N	540
SVMW-07-050	SV07-050-212	4/21/2021	N	1,4-Dioxane	< 710	U	ug/m3	N	260
SVMW-07-050	SV07-050-212	4/21/2021	N	Dibromochloromethane	< 710	U	ug/m3	N	290
SVMW-07-050	SV07-050-212	4/21/2021	N	Tetrachloroethene	< 710	U	ug/m3	N	290
SVMW-07-050	SV07-050-212	4/21/2021	N	Xylenes, total	5100		ug/m3	Y	580
SVMW-07-050	SV07-050-212	4/21/2021	N	Ethyl acetate	< 2700	U	ug/m3	N	1200
SVMW-07-050	SV07-050-212	4/21/2021	N	m- & p-Xylenes	4100	J	ug/m3	Y	580
SVMW-07-050	SV07-050-212	4/21/2021	N	Carbon tetrachloride	< 710	U	ug/m3	N	310
SVMW-07-050	SV07-050-212	4/21/2021	N	2-Hexanone	< 710	U	ug/m3	N	280
SVMW-07-050	SV07-050-212	4/21/2021	N	Ethanol	< 3500	U	ug/m3	N	1500
SVMW-07-050	SV07-050-212	4/21/2021	N	Isopropyl alcohol	< 2600	U	ug/m3	N	920
SVMW-07-050	SV07-050-212	4/21/2021	N	Acetone	< 11000	U	ug/m3	N	5000
SVMW-07-050	SV07-050-212	4/21/2021	N	Chloroform	< 710	U	ug/m3	N	300
SVMW-07-050	SV07-050-212	4/21/2021	N	Benzene	31000		ug/m3	Y	320
SVMW-07-050	SV07-050-212	4/21/2021	N	Chloromethane	< 1300	U	ug/m3	N	360
SVMW-07-050	SV07-050-212	4/21/2021	N	Chloroethane	< 1300	U	ug/m3	N	280
SVMW-07-050	SV07-050-212	4/21/2021	N	Vinyl chloride	< 710	U	ug/m3	N	240
SVMW-07-050	SV07-050-212	4/21/2021	N	Methylene chloride	< 1300	U	ug/m3	N	630
SVMW-07-050	SV07-050-212	4/21/2021	N	Carbon disulfide	< 2300	U	ug/m3	N	670
SVMW-07-050	SV07-050-212	4/21/2021	N	Bromoform	< 1300	U	ug/m3	N	460
SVMW-07-050	SV07-050-212	4/21/2021	N	Bromodichloromethane	< 710	U	ug/m3	N	320
SVMW-07-050	SV07-050-212	4/21/2021	N	1,1-Dichloroethane	< 1400	U	ug/m3	N	330
SVMW-07-050	SV07-050-212	4/21/2021	N	Trichlorofluoromethane	< 1300	U	ug/m3	N	340
SVMW-07-050	SV07-050-212	4/21/2021	N	Dichlorodifluoromethane	< 1300	U	ug/m3	N	360
SVMW-07-050	SV07-050-212	4/21/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 710	U	ug/m3	N	320
SVMW-07-050	SV07-050-212	4/21/2021	N	2-Butanone	< 1300	U	ug/m3	N	460
SVMW-07-050	SV07-050-212	4/21/2021	N	Trichloroethene	< 710	U	ug/m3	N	300
SVMW-07-050	SV07-050-212	4/21/2021	N	Naphthalene	< 1300	U	ug/m3	N	540
SVMW-07-050	SV07-050-212	4/21/2021	N	o-Xylene	1000	J	ug/m3	Y	320
SVMW-07-050	SV07-050-212	4/21/2021	N	1,2,4-Trimethylbenzene	< 710	U	ug/m3	N	310
SVMW-07-050	SV07-050-212	4/21/2021	N	Hexane	580000		ug/m3	Y	1400
SVMW-07-050	SV07-050-212	4/21/2021	N	n-Heptane	450000		ug/m3	Y	1100
SVMW-07-100	SV07-100-212	4/21/2021	N	Ethylbenzene	680	J	ug/m3	Y	230
SVMW-07-100	SV07-100-212	4/21/2021	N	Styrene	< 990	U	ug/m3	N	270
SVMW-07-100	SV07-100-212	4/21/2021	N	1,2-Dibromoethane	< 530	U	ug/m3	N	190
SVMW-07-100	SV07-100-212	4/21/2021	N	1,3-Butadiene	< 990	U	ug/m3	N	270
SVMW-07-100	SV07-100-212	4/21/2021	N	1,2-Dichloroethane	< 530	U	ug/m3	N	180
SVMW-07-100	SV07-100-212	4/21/2021	N	4-Methyl-2-pentanone	< 530	U	ug/m3	N	230
SVMW-07-100	SV07-100-212	4/21/2021	N	1,3,5-Trimethylbenzene	< 530	U	ug/m3	N	240
SVMW-07-100	SV07-100-212	4/21/2021	N	Toluene	39000		ug/m3	Y	200

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-07-100	SV07-100-212	4/21/2021	N	Tetrahydrofuran	< 530	U	ug/m3	N	210
SVMW-07-100	SV07-100-212	4/21/2021	N	Cyclohexane	470000		ug/m3	Y	470
SVMW-07-100	SV07-100-212	4/21/2021	N	Propylene (propene)	< 990	U	ug/m3	N	400
SVMW-07-100	SV07-100-212	4/21/2021	N	1,2,4-Trichlorobenzene	< 990	U	ug/m3	N	400
SVMW-07-100	SV07-100-212	4/21/2021	N	1,4-Dioxane	< 530	U	ug/m3	N	200
SVMW-07-100	SV07-100-212	4/21/2021	N	Dibromochloromethane	< 530	U	ug/m3	N	220
SVMW-07-100	SV07-100-212	4/21/2021	N	Tetrachloroethene	< 530	U	ug/m3	N	210
SVMW-07-100	SV07-100-212	4/21/2021	N	Xylenes, total	5400		ug/m3	Y	430
SVMW-07-100	SV07-100-212	4/21/2021	N	Ethyl acetate	< 2000	U	ug/m3	N	870
SVMW-07-100	SV07-100-212	4/21/2021	N	n-Heptane	310000		ug/m3	Y	260
SVMW-07-100	SV07-100-212	4/21/2021	N	m- & p-Xylenes	4200		ug/m3	Y	430
SVMW-07-100	SV07-100-212	4/21/2021	N	Carbon tetrachloride	< 530	U	ug/m3	N	230
SVMW-07-100	SV07-100-212	4/21/2021	N	2-Hexanone	< 530	U	ug/m3	N	200
SVMW-07-100	SV07-100-212	4/21/2021	N	Ethanol	< 2600	U	ug/m3	N	1100
SVMW-07-100	SV07-100-212	4/21/2021	N	Isopropyl alcohol	< 2000	U	ug/m3	N	680
SVMW-07-100	SV07-100-212	4/21/2021	N	Acetone	< 8400	U	ug/m3	N	3700
SVMW-07-100	SV07-100-212	4/21/2021	N	Chloroform	< 530	U	ug/m3	N	220
SVMW-07-100	SV07-100-212	4/21/2021	N	Benzene	39000		ug/m3	Y	240
SVMW-07-100	SV07-100-212	4/21/2021	N	Chloromethane	< 990	U	ug/m3	N	270
SVMW-07-100	SV07-100-212	4/21/2021	N	Chloroethane	< 990	U	ug/m3	N	200
SVMW-07-100	SV07-100-212	4/21/2021	N	Vinyl chloride	< 530	U	ug/m3	N	180
SVMW-07-100	SV07-100-212	4/21/2021	N	Methylene chloride	< 990	U	ug/m3	N	470
SVMW-07-100	SV07-100-212	4/21/2021	N	Carbon disulfide	< 1700	U	ug/m3	N	500
SVMW-07-100	SV07-100-212	4/21/2021	N	Bromoform	< 990	U	ug/m3	N	340
SVMW-07-100	SV07-100-212	4/21/2021	N	Bromodichloromethane	< 530	U	ug/m3	N	240
SVMW-07-100	SV07-100-212	4/21/2021	N	1,1-Dichloroethane	< 1000	U	ug/m3	N	240
SVMW-07-100	SV07-100-212	4/21/2021	N	Trichlorofluoromethane	< 990	U	ug/m3	N	250
SVMW-07-100	SV07-100-212	4/21/2021	N	Dichlorodifluoromethane	< 990	U	ug/m3	N	270
SVMW-07-100	SV07-100-212	4/21/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 530	U	ug/m3	N	240
SVMW-07-100	SV07-100-212	4/21/2021	N	2-Butanone	< 990	U	ug/m3	N	340
SVMW-07-100	SV07-100-212	4/21/2021	N	Trichloroethene	< 530	U	ug/m3	N	220
SVMW-07-100	SV07-100-212	4/21/2021	N	Naphthalene	< 960	U	ug/m3	N	400
SVMW-07-100	SV07-100-212	4/21/2021	N	o-Xylene	1200	J	ug/m3	Y	240
SVMW-07-100	SV07-100-212	4/21/2021	N	1,2,4-Trimethylbenzene	< 530	U	ug/m3	N	230
SVMW-07-100	SV07-100-212	4/21/2021	N	Hexane	410000		ug/m3	Y	1000
SVMW-07-150	SV07-150-212	4/21/2021	N	Ethylbenzene	2.6		ug/m3	Y	0.32
SVMW-07-150	SV07-150-212	4/21/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
SVMW-07-150	SV07-150-212	4/21/2021	N	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
SVMW-07-150	SV07-150-212	4/21/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
SVMW-07-150	SV07-150-212	4/21/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
SVMW-07-150	SV07-150-212	4/21/2021	N	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
SVMW-07-150	SV07-150-212	4/21/2021	N	1,3,5-Trimethylbenzene	1.3	J	ug/m3	Y	0.33
SVMW-07-150	SV07-150-212	4/21/2021	N	Toluene	35		ug/m3	Y	0.28
SVMW-07-150	SV07-150-212	4/21/2021	N	Tetrahydrofuran	0.51	J	ug/m3	Y	0.29
SVMW-07-150	SV07-150-212	4/21/2021	N	Hexane	60		ug/m3	Y	0.48
SVMW-07-150	SV07-150-212	4/21/2021	N	Cyclohexane	47		ug/m3	Y	0.65
SVMW-07-150	SV07-150-212	4/21/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.56
SVMW-07-150	SV07-150-212	4/21/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
SVMW-07-150	SV07-150-212	4/21/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.27
SVMW-07-150	SV07-150-212	4/21/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.3
SVMW-07-150	SV07-150-212	4/21/2021	N	Tetrachloroethene	1	J	ug/m3	Y	0.3
SVMW-07-150	SV07-150-212	4/21/2021	N	Xylenes, total	17		ug/m3	Y	0.61
SVMW-07-150	SV07-150-212	4/21/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
SVMW-07-150	SV07-150-212	4/21/2021	N	n-Heptane	130		ug/m3	Y	0.37
SVMW-07-150	SV07-150-212	4/21/2021	N	m- & p-Xylenes	13		ug/m3	Y	0.61

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-07-150	SV07-150-212	4/21/2021	N	Carbon tetrachloride	7.9		ug/m3	Y	0.32
SVMW-07-150	SV07-150-212	4/21/2021	N	2-Hexanone	< 0.74	U	ug/m3	N	0.29
SVMW-07-150	SV07-150-212	4/21/2021	N	Ethanol	6.1	J	ug/m3	Y	1.6
SVMW-07-150	SV07-150-212	4/21/2021	N	Isopropyl alcohol	< 2.7	U	ug/m3	N	0.95
SVMW-07-150	SV07-150-212	4/21/2021	N	Acetone	9.8	J	ug/m3	Y	5.2
SVMW-07-150	SV07-150-212	4/21/2021	N	Chloroform	< 0.74	U	ug/m3	N	0.31
SVMW-07-150	SV07-150-212	4/21/2021	N	Benzene	10		ug/m3	Y	0.33
SVMW-07-150	SV07-150-212	4/21/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.37
SVMW-07-150	SV07-150-212	4/21/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
SVMW-07-150	SV07-150-212	4/21/2021	N	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
SVMW-07-150	SV07-150-212	4/21/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.65
SVMW-07-150	SV07-150-212	4/21/2021	N	Carbon disulfide	< 2.3	U	ug/m3	N	0.69
SVMW-07-150	SV07-150-212	4/21/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
SVMW-07-150	SV07-150-212	4/21/2021	N	Bromodichloromethane	< 0.74	U	ug/m3	N	0.33
SVMW-07-150	SV07-150-212	4/21/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
SVMW-07-150	SV07-150-212	4/21/2021	N	Trichlorofluoromethane	5.1		ug/m3	Y	0.35
SVMW-07-150	SV07-150-212	4/21/2021	N	Dichlorodifluoromethane	4.8		ug/m3	Y	0.38
SVMW-07-150	SV07-150-212	4/21/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	36		ug/m3	Y	0.33
SVMW-07-150	SV07-150-212	4/21/2021	N	2-Butanone	2.2	J	ug/m3	Y	0.48
SVMW-07-150	SV07-150-212	4/21/2021	N	Trichloroethene	1.8	J	ug/m3	Y	0.31
SVMW-07-150	SV07-150-212	4/21/2021	N	Naphthalene	2	J	ug/m3	Y	0.56
SVMW-07-150	SV07-150-212	4/21/2021	N	o-Xylene	3.9		ug/m3	Y	0.33
SVMW-07-150	SV07-150-212	4/21/2021	N	1,2,4-Trimethylbenzene	3.7		ug/m3	Y	0.32
SVMW-10-050	SV10-050-212	4/20/2021	N	Ethylbenzene	280000		ug/m3	Y	2400
SVMW-10-050	SV10-050-212	4/20/2021	N	Styrene	< 10000	U	ug/m3	N	2800
SVMW-10-050	SV10-050-212	4/20/2021	N	1,2-Dibromoethane	40000		ug/m3	Y	2000
SVMW-10-050	SV10-050-212	4/20/2021	N	1,3-Butadiene	< 10000	UJ	ug/m3	N	2800
SVMW-10-050	SV10-050-212	4/20/2021	N	1,2-Dichloroethane	< 5400	U	ug/m3	N	1900
SVMW-10-050	SV10-050-212	4/20/2021	N	4-Methyl-2-pentanone	28000	J	ug/m3	Y	2300
SVMW-10-050	SV10-050-212	4/20/2021	N	1,3,5-Trimethylbenzene	11000	J	ug/m3	Y	2500
SVMW-10-050	SV10-050-212	4/20/2021	N	Tetrahydrofuran	< 5400	U	ug/m3	N	2100
SVMW-10-050	SV10-050-212	4/20/2021	N	Hexane	3300000	J	ug/m3	Y	3500
SVMW-10-050	SV10-050-212	4/20/2021	N	Cyclohexane	4400000		ug/m3	Y	4800
SVMW-10-050	SV10-050-212	4/20/2021	N	Propylene (propene)	11000	U	ug/m3	Y	4200
SVMW-10-050	SV10-050-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 10000	U	ug/m3	N	4200
SVMW-10-050	SV10-050-212	4/20/2021	N	1,4-Dioxane	< 5400	U	ug/m3	N	2000
SVMW-10-050	SV10-050-212	4/20/2021	N	Dibromochloromethane	< 5400	U	ug/m3	N	2200
SVMW-10-050	SV10-050-212	4/20/2021	N	Tetrachloroethene	< 5400	U	ug/m3	N	2200
SVMW-10-050	SV10-050-212	4/20/2021	N	Xylenes, total	830000		ug/m3	Y	4500
SVMW-10-050	SV10-050-212	4/20/2021	N	Ethyl acetate	< 21000	UJ	ug/m3	N	9000
SVMW-10-050	SV10-050-212	4/20/2021	N	m- & p-Xylenes	660000		ug/m3	Y	4500
SVMW-10-050	SV10-050-212	4/20/2021	N	Carbon tetrachloride	< 5400	U	ug/m3	N	2400
SVMW-10-050	SV10-050-212	4/20/2021	N	2-Hexanone	< 5400	U	ug/m3	N	2100
SVMW-10-050	SV10-050-212	4/20/2021	N	Ethanol	38000	J	ug/m3	Y	12000
SVMW-10-050	SV10-050-212	4/20/2021	N	Isopropyl alcohol	150000		ug/m3	Y	7000
SVMW-10-050	SV10-050-212	4/20/2021	N	Acetone	1700000		ug/m3	Y	38000
SVMW-10-050	SV10-050-212	4/20/2021	N	Chloroform	< 5400	U	ug/m3	N	2300
SVMW-10-050	SV10-050-212	4/20/2021	N	Benzene	1200000		ug/m3	Y	2500
SVMW-10-050	SV10-050-212	4/20/2021	N	Chloromethane	< 10000	U	ug/m3	N	2800
SVMW-10-050	SV10-050-212	4/20/2021	N	Chloroethane	< 10000	U	ug/m3	N	2100
SVMW-10-050	SV10-050-212	4/20/2021	N	Vinyl chloride	< 5400	U	ug/m3	N	1800
SVMW-10-050	SV10-050-212	4/20/2021	N	Methylene chloride	< 10000	U	ug/m3	N	4800
SVMW-10-050	SV10-050-212	4/20/2021	N	Carbon disulfide	< 17000	U	ug/m3	N	5100
SVMW-10-050	SV10-050-212	4/20/2021	N	Bromoform	< 10000	U	ug/m3	N	3500
SVMW-10-050	SV10-050-212	4/20/2021	N	Bromodichloromethane	< 5400	U	ug/m3	N	2500

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-10-050	SV10-050-212	4/20/2021	N	1,1-Dichloroethane	< 11000	U	ug/m3	N	2500
SVMW-10-050	SV10-050-212	4/20/2021	N	Trichlorofluoromethane	< 10000	U	ug/m3	N	2600
SVMW-10-050	SV10-050-212	4/20/2021	N	Dichlorodifluoromethane	< 10000	U	ug/m3	N	2800
SVMW-10-050	SV10-050-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5400	U	ug/m3	N	2400
SVMW-10-050	SV10-050-212	4/20/2021	N	2-Butanone	320000		ug/m3	Y	3500
SVMW-10-050	SV10-050-212	4/20/2021	N	Trichloroethene	< 5400	U	ug/m3	N	2300
SVMW-10-050	SV10-050-212	4/20/2021	N	Naphthalene	< 9900	U	ug/m3	N	4200
SVMW-10-050	SV10-050-212	4/20/2021	N	o-Xylene	170000		ug/m3	Y	2500
SVMW-10-050	SV10-050-212	4/20/2021	N	1,2,4-Trimethylbenzene	20000		ug/m3	Y	2400
SVMW-10-050	SV10-050-212	4/20/2021	N	Toluene	4000000		ug/m3	Y	4200
SVMW-10-050	SV10-050-212	4/20/2021	N	n-Heptane	5500000		ug/m3	Y	5400
SVMW-10-100	SV10-100-212	4/20/2021	N	Ethylbenzene	12000		ug/m3	Y	220
SVMW-10-100	SV10-100-212	4/20/2021	N	Styrene	< 930	U	ug/m3	N	250
SVMW-10-100	SV10-100-212	4/20/2021	N	1,2-Dibromoethane	2100		ug/m3	Y	180
SVMW-10-100	SV10-100-212	4/20/2021	N	1,3-Butadiene	< 930	UJ	ug/m3	N	260
SVMW-10-100	SV10-100-212	4/20/2021	N	1,2-Dichloroethane	< 500	U	ug/m3	N	170
SVMW-10-100	SV10-100-212	4/20/2021	N	4-Methyl-2-pentanone	< 500	U	ug/m3	N	210
SVMW-10-100	SV10-100-212	4/20/2021	N	1,3,5-Trimethylbenzene	450	J	ug/m3	Y	220
SVMW-10-100	SV10-100-212	4/20/2021	N	Toluene	280000		ug/m3	Y	190
SVMW-10-100	SV10-100-212	4/20/2021	N	Tetrahydrofuran	< 500	U	ug/m3	N	200
SVMW-10-100	SV10-100-212	4/20/2021	N	Cyclohexane	440000		ug/m3	Y	440
SVMW-10-100	SV10-100-212	4/20/2021	N	Propylene (propene)	9000	J	ug/m3	Y	380
SVMW-10-100	SV10-100-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 930	U	ug/m3	N	380
SVMW-10-100	SV10-100-212	4/20/2021	N	1,4-Dioxane	< 500	U	ug/m3	N	180
SVMW-10-100	SV10-100-212	4/20/2021	N	Dibromochloromethane	< 500	U	ug/m3	N	200
SVMW-10-100	SV10-100-212	4/20/2021	N	Tetrachloroethene	< 500	U	ug/m3	N	200
SVMW-10-100	SV10-100-212	4/20/2021	N	Xylenes, total	42000		ug/m3	Y	410
SVMW-10-100	SV10-100-212	4/20/2021	N	Ethyl acetate	< 1900	UJ	ug/m3	N	820
SVMW-10-100	SV10-100-212	4/20/2021	N	m- & p-Xylenes	34000		ug/m3	Y	410
SVMW-10-100	SV10-100-212	4/20/2021	N	Carbon tetrachloride	< 500	U	ug/m3	N	220
SVMW-10-100	SV10-100-212	4/20/2021	N	2-Hexanone	< 500	U	ug/m3	N	190
SVMW-10-100	SV10-100-212	4/20/2021	N	Ethanol	< 2400	U	ug/m3	N	1100
SVMW-10-100	SV10-100-212	4/20/2021	N	Isopropyl alcohol	840	J	ug/m3	Y	640
SVMW-10-100	SV10-100-212	4/20/2021	N	Acetone	44000		ug/m3	Y	3500
SVMW-10-100	SV10-100-212	4/20/2021	N	Chloroform	< 500	U	ug/m3	N	210
SVMW-10-100	SV10-100-212	4/20/2021	N	Benzene	140000		ug/m3	Y	220
SVMW-10-100	SV10-100-212	4/20/2021	N	Chloromethane	< 930	U	ug/m3	N	250
SVMW-10-100	SV10-100-212	4/20/2021	N	Chloroethane	< 930	U	ug/m3	N	190
SVMW-10-100	SV10-100-212	4/20/2021	N	Vinyl chloride	< 500	U	ug/m3	N	170
SVMW-10-100	SV10-100-212	4/20/2021	N	Methylene chloride	< 930	U	ug/m3	N	440
SVMW-10-100	SV10-100-212	4/20/2021	N	Carbon disulfide	< 1600	U	ug/m3	N	470
SVMW-10-100	SV10-100-212	4/20/2021	N	Bromoform	< 930	U	ug/m3	N	320
SVMW-10-100	SV10-100-212	4/20/2021	N	Bromodichloromethane	< 500	U	ug/m3	N	220
SVMW-10-100	SV10-100-212	4/20/2021	N	1,1-Dichloroethane	< 960	U	ug/m3	N	230
SVMW-10-100	SV10-100-212	4/20/2021	N	Trichlorofluoromethane	< 930	U	ug/m3	N	240
SVMW-10-100	SV10-100-212	4/20/2021	N	Dichlorodifluoromethane	< 930	U	ug/m3	N	250
SVMW-10-100	SV10-100-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	U	ug/m3	N	220
SVMW-10-100	SV10-100-212	4/20/2021	N	2-Butanone	4200		ug/m3	Y	320
SVMW-10-100	SV10-100-212	4/20/2021	N	Trichloroethene	< 500	U	ug/m3	N	210
SVMW-10-100	SV10-100-212	4/20/2021	N	Naphthalene	< 900	U	ug/m3	N	380
SVMW-10-100	SV10-100-212	4/20/2021	N	o-Xylene	8100		ug/m3	Y	220
SVMW-10-100	SV10-100-212	4/20/2021	N	1,2,4-Trimethylbenzene	760	J	ug/m3	Y	220
SVMW-10-100	SV10-100-212	4/20/2021	N	Hexane	340000	J	ug/m3	Y	960
SVMW-10-100	SV10-100-212	4/20/2021	N	n-Heptane	380000		ug/m3	Y	740
SVMW-10-150	SV10-150-212	4/20/2021	N	Ethylbenzene	7500		ug/m3	Y	72

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
SVMW-10-150	SV10-150-212	4/20/2021	N	Styrene	< 310	U	ug/m3	N	83
SVMW-10-150	SV10-150-212	4/20/2021	N	1,2-Dibromoethane	620		ug/m3	Y	60
SVMW-10-150	SV10-150-212	4/20/2021	N	1,3-Butadiene	< 310	UJ	ug/m3	N	84
SVMW-10-150	SV10-150-212	4/20/2021	N	1,2-Dichloroethane	< 160	U	ug/m3	N	57
SVMW-10-150	SV10-150-212	4/20/2021	N	4-Methyl-2-pentanone	550	J	ug/m3	Y	70
SVMW-10-150	SV10-150-212	4/20/2021	N	1,3,5-Trimethylbenzene	950		ug/m3	Y	74
SVMW-10-150	SV10-150-212	4/20/2021	N	Toluene	85000		ug/m3	Y	62
SVMW-10-150	SV10-150-212	4/20/2021	N	Tetrahydrofuran	< 160	U	ug/m3	N	64
SVMW-10-150	SV10-150-212	4/20/2021	N	Cyclohexane	120000		ug/m3	Y	140
SVMW-10-150	SV10-150-212	4/20/2021	N	Propylene (propene)	5000	J	ug/m3	Y	120
SVMW-10-150	SV10-150-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 310	U	ug/m3	N	120
SVMW-10-150	SV10-150-212	4/20/2021	N	1,4-Dioxane	< 160	U	ug/m3	N	60
SVMW-10-150	SV10-150-212	4/20/2021	N	Dibromochloromethane	< 160	U	ug/m3	N	67
SVMW-10-150	SV10-150-212	4/20/2021	N	Tetrachloroethene	85	J	ug/m3	Y	66
SVMW-10-150	SV10-150-212	4/20/2021	N	Xylenes, total	26000		ug/m3	Y	130
SVMW-10-150	SV10-150-212	4/20/2021	N	Ethyl acetate	< 620	UJ	ug/m3	N	270
SVMW-10-150	SV10-150-212	4/20/2021	N	m- & p-Xylenes	20000		ug/m3	Y	130
SVMW-10-150	SV10-150-212	4/20/2021	N	Carbon tetrachloride	< 160	U	ug/m3	N	71
SVMW-10-150	SV10-150-212	4/20/2021	N	2-Hexanone	< 160	U	ug/m3	N	63
SVMW-10-150	SV10-150-212	4/20/2021	N	Ethanol	4700	J	ug/m3	Y	360
SVMW-10-150	SV10-150-212	4/20/2021	N	Isopropyl alcohol	2900		ug/m3	Y	210
SVMW-10-150	SV10-150-212	4/20/2021	N	Acetone	97000		ug/m3	Y	1200
SVMW-10-150	SV10-150-212	4/20/2021	N	Chloroform	< 160	U	ug/m3	N	68
SVMW-10-150	SV10-150-212	4/20/2021	N	Benzene	43000		ug/m3	Y	74
SVMW-10-150	SV10-150-212	4/20/2021	N	Chloromethane	< 310	U	ug/m3	N	83
SVMW-10-150	SV10-150-212	4/20/2021	N	Chloroethane	< 310	U	ug/m3	N	63
SVMW-10-150	SV10-150-212	4/20/2021	N	Vinyl chloride	< 160	U	ug/m3	N	55
SVMW-10-150	SV10-150-212	4/20/2021	N	Methylene chloride	280	J	ug/m3	Y	140
SVMW-10-150	SV10-150-212	4/20/2021	N	Carbon disulfide	< 520	U	ug/m3	N	150
SVMW-10-150	SV10-150-212	4/20/2021	N	Bromoform	< 310	U	ug/m3	N	110
SVMW-10-150	SV10-150-212	4/20/2021	N	Bromodichloromethane	< 160	U	ug/m3	N	74
SVMW-10-150	SV10-150-212	4/20/2021	N	1,1-Dichloroethane	< 320	U	ug/m3	N	75
SVMW-10-150	SV10-150-212	4/20/2021	N	Trichlorofluoromethane	< 310	U	ug/m3	N	78
SVMW-10-150	SV10-150-212	4/20/2021	N	Dichlorodifluoromethane	< 310	U	ug/m3	N	84
SVMW-10-150	SV10-150-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	130	J	ug/m3	Y	73
SVMW-10-150	SV10-150-212	4/20/2021	N	2-Butanone	10000		ug/m3	Y	110
SVMW-10-150	SV10-150-212	4/20/2021	N	Trichloroethene	< 160	U	ug/m3	N	69
SVMW-10-150	SV10-150-212	4/20/2021	N	Naphthalene	< 300	U	ug/m3	N	120
SVMW-10-150	SV10-150-212	4/20/2021	N	o-Xylene	5600		ug/m3	Y	74
SVMW-10-150	SV10-150-212	4/20/2021	N	1,2,4-Trimethylbenzene	2100		ug/m3	Y	71
SVMW-10-150	SV10-150-212	4/20/2021	N	Hexane	130000		ug/m3	Y	420
SVMW-10-150	SV10-150-212	4/20/2021	N	n-Heptane	130000		ug/m3	Y	330
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Toluene	840		ug/m3	Y	2.9
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Cyclohexane	1200		ug/m3	Y	6.7
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Ethylbenzene	110		ug/m3	Y	0.33
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Styrene	0.65	J	ug/m3	Y	0.38
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,2-Dibromoethane	6.8		ug/m3	Y	0.28
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,2-Dichloroethane	< 0.76	U	ug/m3	N	0.26
KAFB-106V3-007	SV3-007-212	4/20/2021	N	4-Methyl-2-pentanone	0.49	J	ug/m3	Y	0.32
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,3,5-Trimethylbenzene	29		ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Tetrahydrofuran	< 0.76	U	ug/m3	N	0.3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Hexane	320		ug/m3	Y	0.49
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Propylene (propene)	5.5	J	ug/m3	Y	0.58
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,4-Dioxane	< 0.76	U	ug/m3	N	0.28
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Dibromochloromethane	< 0.76	U	ug/m3	N	0.31
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Tetrachloroethene	< 0.76	U	ug/m3	N	0.31
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Xylenes, total	310		ug/m3	Y	0.62
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.2
KAFB-106V3-007	SV3-007-212	4/20/2021	N	n-Heptane	160		ug/m3	Y	0.38
KAFB-106V3-007	SV3-007-212	4/20/2021	N	m- & p-Xylenes	190		ug/m3	Y	0.62
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Carbon tetrachloride	0.78	J	ug/m3	Y	0.33
KAFB-106V3-007	SV3-007-212	4/20/2021	N	2-Hexanone	< 0.76	U	ug/m3	N	0.29
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Ethanol	32		ug/m3	Y	1.6
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Isopropyl alcohol	5.3	J	ug/m3	Y	0.98
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Acetone	24		ug/m3	Y	5.3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Chloroform	0.6	J	ug/m3	Y	0.32
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Benzene	260		ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Vinyl chloride	< 0.76	U	ug/m3	N	0.25
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.67
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Carbon disulfide	1.7	J	ug/m3	Y	0.71
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Bromodichloromethane	< 0.76	U	ug/m3	N	0.34
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.36
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Dichlorodifluoromethane	2.3		ug/m3	Y	0.39
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3		ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-212	4/20/2021	N	2-Butanone	14		ug/m3	Y	0.49
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Trichloroethene	< 0.76	U	ug/m3	N	0.32
KAFB-106V3-007	SV3-007-212	4/20/2021	N	Naphthalene	5.3		ug/m3	Y	0.58
KAFB-106V3-007	SV3-007-212	4/20/2021	N	o-Xylene	120		ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1,2,4-Trimethylbenzene	26		ug/m3	Y	0.33
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Ethylbenzene	91		ug/m3	Y	0.35
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Styrene	0.73	J	ug/m3	Y	0.4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,2-Dibromoethane	6.6		ug/m3	Y	0.29
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	4-Methyl-2-pentanone	0.59	J	ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,3,5-Trimethylbenzene	28		ug/m3	Y	0.36
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Tetrahydrofuran	< 0.79	U	ug/m3	N	0.31
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Hexane	360		ug/m3	Y	0.51
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Propylene (propene)	170	J	ug/m3	Y	0.6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Dibromochloromethane	< 0.79	U	ug/m3	N	0.32
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Tetrachloroethene	< 0.79	U	ug/m3	N	0.32
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Xylenes, total	270		ug/m3	Y	0.65
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	n-Heptane	180		ug/m3	Y	0.39
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	m- & p-Xylenes	170		ug/m3	Y	0.65
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Carbon tetrachloride	0.76	J	ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	2-Hexanone	< 0.79	U	ug/m3	N	0.31
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Ethanol	33		ug/m3	Y	1.7
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Acetone	32		ug/m3	Y	5.6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Chloroform	0.54	J	ug/m3	Y	0.33
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Benzene	210		ug/m3	Y	0.36
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Chloromethane	< 1.5	U	ug/m3	N	0.4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Vinyl chloride	< 0.79	U	ug/m3	N	0.26
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Carbon disulfide	< 2.5	U	ug/m3	N	0.74
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.37
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Dichlorodifluoromethane	1.3	J	ug/m3	Y	0.4
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	3.6		ug/m3	Y	0.35
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	2-Butanone	11		ug/m3	Y	0.51
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Trichloroethene	< 0.79	U	ug/m3	N	0.33
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Naphthalene	9.5		ug/m3	Y	0.6
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	o-Xylene	100		ug/m3	Y	0.36
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1,2,4-Trimethylbenzene	39		ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Toluene	700		ug/m3	Y	3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Cyclohexane	1300		ug/m3	Y	6.9
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	Isopropyl alcohol	1600	J	ug/m3	Y	10
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Ethylbenzene	58		ug/m3	Y	0.32
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,2-Dibromoethane	12		ug/m3	Y	0.27
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,2-Dichloroethane	< 0.73	U	ug/m3	N	0.25
KAFB-106V3-015	SV3-015-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.73	U	ug/m3	N	0.31
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,3,5-Trimethylbenzene	13		ug/m3	Y	0.33
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Tetrahydrofuran	< 0.73	U	ug/m3	N	0.29
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Propylene (propene)	4		ug/m3	Y	0.56
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,4-Dioxane	< 0.73	U	ug/m3	N	0.27
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Dibromochloromethane	< 0.73	U	ug/m3	N	0.3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Tetrachloroethene	0.55	J	ug/m3	Y	0.3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Xylenes, total	170		ug/m3	Y	0.6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Ethyl acetate	16	J	ug/m3	Y	1.2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	n-Heptane	320		ug/m3	Y	0.37
KAFB-106V3-015	SV3-015-212	4/20/2021	N	m- & p-Xylenes	120		ug/m3	Y	0.6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Carbon tetrachloride	1.4	J	ug/m3	Y	0.32
KAFB-106V3-015	SV3-015-212	4/20/2021	N	2-Hexanone	< 0.73	U	ug/m3	N	0.28
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Ethanol	24		ug/m3	Y	1.6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Isopropyl alcohol	37		ug/m3	Y	0.95
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Acetone	10	J	ug/m3	Y	5.2
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Chloroform	< 0.73	U	ug/m3	N	0.31
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Benzene	160		ug/m3	Y	0.33
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.37
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Vinyl chloride	< 0.73	U	ug/m3	N	0.25
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.65
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Carbon disulfide	0.97	J	ug/m3	Y	0.69
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Bromodichloromethane	< 0.73	U	ug/m3	N	0.33
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Trichlorofluoromethane	0.98	J	ug/m3	Y	0.35
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Dichlorodifluoromethane	< 1.4	U	ug/m3	N	0.37
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	7.9		ug/m3	Y	0.33
KAFB-106V3-015	SV3-015-212	4/20/2021	N	2-Butanone	6		ug/m3	Y	0.47
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Trichloroethene	< 0.73	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Naphthalene	2.7		ug/m3	Y	0.56
KAFB-106V3-015	SV3-015-212	4/20/2021	N	o-Xylene	56		ug/m3	Y	0.33
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1,2,4-Trimethylbenzene	17		ug/m3	Y	0.32
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Toluene	420		ug/m3	Y	5.6
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Hexane	440		ug/m3	Y	9.5
KAFB-106V3-015	SV3-015-212	4/20/2021	N	Cyclohexane	2800		ug/m3	Y	13
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Ethylbenzene	88		ug/m3	Y	0.28
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Styrene	0.44	J	ug/m3	Y	0.32
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,2-Dibromoethane	17		ug/m3	Y	0.23
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,3-Butadiene	< 1.2	U	ug/m3	N	0.33
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,2-Dichloroethane	< 0.64	U	ug/m3	N	0.22
KAFB-106V3-272	SV3-272-212	4/20/2021	N	4-Methyl-2-pentanone	3.1	J	ug/m3	Y	0.27
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,3,5-Trimethylbenzene	13		ug/m3	Y	0.29
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Tetrahydrofuran	0.26	J	ug/m3	Y	0.25
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Hexane	27		ug/m3	Y	0.41
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Cyclohexane	64		ug/m3	Y	0.56
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Propylene (propene)	53		ug/m3	Y	0.49
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.2	U	ug/m3	N	0.49
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,4-Dioxane	< 0.64	U	ug/m3	N	0.24
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Dibromochloromethane	< 0.64	U	ug/m3	N	0.26
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Tetrachloroethene	< 0.64	U	ug/m3	N	0.26
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Xylenes, total	320		ug/m3	Y	0.53
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Ethyl acetate	< 2.4	U	ug/m3	N	1.1
KAFB-106V3-272	SV3-272-212	4/20/2021	N	n-Heptane	89		ug/m3	Y	0.32
KAFB-106V3-272	SV3-272-212	4/20/2021	N	m- & p-Xylenes	250		ug/m3	Y	0.53
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Carbon tetrachloride	0.28	J	ug/m3	Y	0.28
KAFB-106V3-272	SV3-272-212	4/20/2021	N	2-Hexanone	< 0.64	U	ug/m3	N	0.25
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Ethanol	28		ug/m3	Y	1.4
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Isopropyl alcohol	160		ug/m3	Y	0.83
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Acetone	330		ug/m3	Y	4.5
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Chloroform	< 0.64	U	ug/m3	N	0.27
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Benzene	200		ug/m3	Y	0.29
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Chloromethane	0.38	J	ug/m3	Y	0.32
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Chloroethane	< 1.2	U	ug/m3	N	0.25
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Vinyl chloride	< 0.64	U	ug/m3	N	0.21
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Methylene chloride	< 1.2	U	ug/m3	N	0.56
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Carbon disulfide	2.6	J	ug/m3	Y	0.6
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Bromoform	< 1.2	U	ug/m3	N	0.41
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Bromodichloromethane	< 0.64	U	ug/m3	N	0.29
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,1-Dichloroethane	< 1.2	U	ug/m3	N	0.29
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Trichlorofluoromethane	0.84	J	ug/m3	Y	0.3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Dichlorodifluoromethane	1.6	J	ug/m3	Y	0.33
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	J	ug/m3	Y	0.29
KAFB-106V3-272	SV3-272-212	4/20/2021	N	2-Butanone	62		ug/m3	Y	0.41
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Trichloroethene	< 0.64	U	ug/m3	N	0.27
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Naphthalene	11		ug/m3	Y	0.49
KAFB-106V3-272	SV3-272-212	4/20/2021	N	o-Xylene	71		ug/m3	Y	0.29
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1,2,4-Trimethylbenzene	37		ug/m3	Y	0.28
KAFB-106V3-272	SV3-272-212	4/20/2021	N	Toluene	930		ug/m3	Y	2.4
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Ethylbenzene	70000		ug/m3	Y	3000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Styrene	< 13000	U	ug/m3	N	3400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,2-Dibromoethane	< 6700	U	ug/m3	N	2500
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,3-Butadiene	< 13000	U	ug/m3	N	3500
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,2-Dichloroethane	< 6700	U	ug/m3	N	2300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	4-Methyl-2-pentanone	5400	J	ug/m3	Y	2900

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,3,5-Trimethylbenzene	11000	J	ug/m3	Y	3000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Toluene	830000		ug/m3	Y	2600
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Tetrahydrofuran	< 6700	U	ug/m3	N	2700
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Hexane	3700000		ug/m3	Y	4400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Cyclohexane	2700000		ug/m3	Y	5900
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Propylene (propene)	8100	J	ug/m3	Y	5100
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 13000	U	ug/m3	N	5100
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,4-Dioxane	< 6700	U	ug/m3	N	2500
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Dibromochloromethane	< 6700	U	ug/m3	N	2800
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Tetrachloroethene	< 6700	U	ug/m3	N	2700
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Xylenes, total	140000		ug/m3	Y	5500
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Ethyl acetate	< 26000	U	ug/m3	N	11000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	n-Heptane	1400000		ug/m3	Y	3400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	m- & p-Xylenes	110000		ug/m3	Y	5500
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Carbon tetrachloride	< 6700	U	ug/m3	N	2900
KAFB-106V1-102	SV1-102-212	4/20/2021	N	2-Hexanone	< 6700	U	ug/m3	N	2600
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Ethanol	120000	J	ug/m3	Y	15000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Isopropyl alcohol	130000		ug/m3	Y	8700
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Acetone	2300000		ug/m3	Y	48000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Chloroform	< 6700	U	ug/m3	N	2800
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Benzene	950000		ug/m3	Y	3000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Chloromethane	< 13000	U	ug/m3	N	3400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Chloroethane	< 13000	U	ug/m3	N	2600
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Vinyl chloride	< 6700	U	ug/m3	N	2300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Methylene chloride	< 13000	U	ug/m3	N	5900
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Carbon disulfide	< 21000	U	ug/m3	N	6300
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Bromoform	< 13000	U	ug/m3	N	4400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Bromodichloromethane	< 6700	U	ug/m3	N	3000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,1-Dichloroethane	< 13000	U	ug/m3	N	3100
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Trichlorofluoromethane	< 13000	U	ug/m3	N	3200
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Dichlorodifluoromethane	< 13000	U	ug/m3	N	3400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 6700	U	ug/m3	N	3000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	2-Butanone	300000		ug/m3	Y	4400
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Trichloroethene	< 6700	U	ug/m3	N	2900
KAFB-106V1-102	SV1-102-212	4/20/2021	N	Naphthalene	< 12000	U	ug/m3	N	5100
KAFB-106V1-102	SV1-102-212	4/20/2021	N	o-Xylene	36000		ug/m3	Y	3000
KAFB-106V1-102	SV1-102-212	4/20/2021	N	1,2,4-Trimethylbenzene	32000		ug/m3	Y	2900
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Ethylbenzene	45000		ug/m3	Y	3000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Styrene	< 13000	U	ug/m3	N	3400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,2-Dibromoethane	< 6800	U	ug/m3	N	2500
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,3-Butadiene	< 13000	U	ug/m3	N	3500
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,2-Dichloroethane	< 6800	U	ug/m3	N	2400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	4-Methyl-2-pentanone	< 6800	U	ug/m3	N	2900
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,3,5-Trimethylbenzene	5500	J	ug/m3	Y	3100
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Toluene	690000		ug/m3	Y	2600
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Tetrahydrofuran	< 6800	U	ug/m3	N	2700
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Hexane	3100000		ug/m3	Y	4400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Cyclohexane	2100000		ug/m3	Y	6000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Propylene (propene)	6400	J	ug/m3	Y	5200
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 13000	U	ug/m3	N	5200
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,4-Dioxane	< 6800	U	ug/m3	N	2500
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Dibromochloromethane	< 6800	U	ug/m3	N	2800
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Tetrachloroethene	< 6800	U	ug/m3	N	2800
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Xylenes, total	90000		ug/m3	Y	5600
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Ethyl acetate	< 26000	U	ug/m3	N	11000

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V1-113	SV1-113-212	4/20/2021	N	n-Heptane	1200000		ug/m3	Y	3400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	m- & p-Xylenes	69000		ug/m3	Y	5600
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Carbon tetrachloride	< 6800	U	ug/m3	N	3000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	2-Hexanone	< 6800	U	ug/m3	N	2600
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Ethanol	91000	J	ug/m3	Y	15000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Isopropyl alcohol	98000		ug/m3	Y	8800
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Acetone	1700000		ug/m3	Y	48000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Chloroform	< 6800	U	ug/m3	N	2800
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Benzene	720000		ug/m3	Y	3100
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Chloromethane	< 13000	U	ug/m3	N	3400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Chloroethane	< 13000	U	ug/m3	N	2600
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Vinyl chloride	< 6800	U	ug/m3	N	2300
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Methylene chloride	< 13000	U	ug/m3	N	6000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Carbon disulfide	< 22000	U	ug/m3	N	6400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Bromoform	< 13000	U	ug/m3	N	4400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Bromodichloromethane	< 6800	U	ug/m3	N	3100
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,1-Dichloroethane	< 13000	U	ug/m3	N	3100
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Trichlorofluoromethane	< 13000	U	ug/m3	N	3200
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Dichlorodifluoromethane	< 13000	U	ug/m3	N	3500
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 6800	U	ug/m3	N	3000
KAFB-106V1-113	SV1-113-212	4/20/2021	N	2-Butanone	230000		ug/m3	Y	4400
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Trichloroethene	< 6800	U	ug/m3	N	2900
KAFB-106V1-113	SV1-113-212	4/20/2021	N	Naphthalene	< 12000	U	ug/m3	N	5200
KAFB-106V1-113	SV1-113-212	4/20/2021	N	o-Xylene	21000	J	ug/m3	Y	3100
KAFB-106V1-113	SV1-113-212	4/20/2021	N	1,2,4-Trimethylbenzene	17000	J	ug/m3	Y	3000
KAFB-106119-250	SV119-250-212	4/20/2021	N	Ethylbenzene	< 560	U	ug/m3	N	250
KAFB-106119-250	SV119-250-212	4/20/2021	N	Styrene	< 1100	U	ug/m3	N	290
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,2-Dibromoethane	< 560	U	ug/m3	N	210
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,3-Butadiene	< 1100	U	ug/m3	N	290
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,2-Dichloroethane	< 560	U	ug/m3	N	200
KAFB-106119-250	SV119-250-212	4/20/2021	N	4-Methyl-2-pentanone	< 560	U	ug/m3	N	240
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,3,5-Trimethylbenzene	940	J	ug/m3	Y	260
KAFB-106119-250	SV119-250-212	4/20/2021	N	Toluene	< 560	U	ug/m3	N	220
KAFB-106119-250	SV119-250-212	4/20/2021	N	Tetrahydrofuran	< 560	U	ug/m3	N	220
KAFB-106119-250	SV119-250-212	4/20/2021	N	Hexane	42000		ug/m3	Y	370
KAFB-106119-250	SV119-250-212	4/20/2021	N	Cyclohexane	320000		ug/m3	Y	500
KAFB-106119-250	SV119-250-212	4/20/2021	N	Propylene (propene)	< 1100	U	ug/m3	N	430
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1100	U	ug/m3	N	430
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,4-Dioxane	< 560	U	ug/m3	N	210
KAFB-106119-250	SV119-250-212	4/20/2021	N	Dibromochloromethane	< 560	U	ug/m3	N	230
KAFB-106119-250	SV119-250-212	4/20/2021	N	Tetrachloroethene	< 560	U	ug/m3	N	230
KAFB-106119-250	SV119-250-212	4/20/2021	N	Xylenes, total	4800		ug/m3	Y	460
KAFB-106119-250	SV119-250-212	4/20/2021	N	Ethyl acetate	< 2200	U	ug/m3	N	930
KAFB-106119-250	SV119-250-212	4/20/2021	N	n-Heptane	2400		ug/m3	Y	280
KAFB-106119-250	SV119-250-212	4/20/2021	N	m- & p-Xylenes	< 1100	U	ug/m3	N	460
KAFB-106119-250	SV119-250-212	4/20/2021	N	Carbon tetrachloride	< 560	U	ug/m3	N	250
KAFB-106119-250	SV119-250-212	4/20/2021	N	2-Hexanone	< 560	U	ug/m3	N	220
KAFB-106119-250	SV119-250-212	4/20/2021	N	Ethanol	< 2800	U	ug/m3	N	1200
KAFB-106119-250	SV119-250-212	4/20/2021	N	Isopropyl alcohol	< 2100	U	ug/m3	N	730
KAFB-106119-250	SV119-250-212	4/20/2021	N	Acetone	< 9000	U	ug/m3	N	4000
KAFB-106119-250	SV119-250-212	4/20/2021	N	Chloroform	< 560	U	ug/m3	N	240
KAFB-106119-250	SV119-250-212	4/20/2021	N	Benzene	63000		ug/m3	Y	260
KAFB-106119-250	SV119-250-212	4/20/2021	N	Chloromethane	< 1100	U	ug/m3	N	290
KAFB-106119-250	SV119-250-212	4/20/2021	N	Chloroethane	< 1100	U	ug/m3	N	220
KAFB-106119-250	SV119-250-212	4/20/2021	N	Vinyl chloride	< 560	U	ug/m3	N	190

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106119-250	SV119-250-212	4/20/2021	N	Methylene chloride	< 1100	U	ug/m3	N	500
KAFB-106119-250	SV119-250-212	4/20/2021	N	Carbon disulfide	< 1800	U	ug/m3	N	530
KAFB-106119-250	SV119-250-212	4/20/2021	N	Bromoform	< 1100	U	ug/m3	N	370
KAFB-106119-250	SV119-250-212	4/20/2021	N	Bromodichloromethane	< 560	U	ug/m3	N	260
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,1-Dichloroethane	< 1100	U	ug/m3	N	260
KAFB-106119-250	SV119-250-212	4/20/2021	N	Trichlorofluoromethane	< 1100	U	ug/m3	N	270
KAFB-106119-250	SV119-250-212	4/20/2021	N	Dichlorodifluoromethane	< 1100	U	ug/m3	N	290
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 560	U	ug/m3	N	250
KAFB-106119-250	SV119-250-212	4/20/2021	N	2-Butanone	< 1100	U	ug/m3	N	370
KAFB-106119-250	SV119-250-212	4/20/2021	N	Trichloroethene	< 560	U	ug/m3	N	240
KAFB-106119-250	SV119-250-212	4/20/2021	N	Naphthalene	< 1000	U	ug/m3	N	430
KAFB-106119-250	SV119-250-212	4/20/2021	N	o-Xylene	4800		ug/m3	Y	260
KAFB-106119-250	SV119-250-212	4/20/2021	N	1,2,4-Trimethylbenzene	< 560	U	ug/m3	N	250
KAFB-106119-350	SV119-350-212	4/20/2021	N	Ethylbenzene	< 490	U	ug/m3	N	220
KAFB-106119-350	SV119-350-212	4/20/2021	N	Styrene	< 920	U	ug/m3	N	250
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,2-Dibromoethane	< 490	U	ug/m3	N	180
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,3-Butadiene	< 920	U	ug/m3	N	250
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,2-Dichloroethane	< 490	U	ug/m3	N	170
KAFB-106119-350	SV119-350-212	4/20/2021	N	4-Methyl-2-pentanone	< 490	U	ug/m3	N	210
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,3,5-Trimethylbenzene	1900		ug/m3	Y	220
KAFB-106119-350	SV119-350-212	4/20/2021	N	Toluene	1800		ug/m3	Y	190
KAFB-106119-350	SV119-350-212	4/20/2021	N	Tetrahydrofuran	< 490	U	ug/m3	N	190
KAFB-106119-350	SV119-350-212	4/20/2021	N	Hexane	130000		ug/m3	Y	320
KAFB-106119-350	SV119-350-212	4/20/2021	N	Cyclohexane	340000		ug/m3	Y	430
KAFB-106119-350	SV119-350-212	4/20/2021	N	Propylene (propene)	1400	J	ug/m3	Y	370
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 920	U	ug/m3	N	370
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,4-Dioxane	< 490	U	ug/m3	N	180
KAFB-106119-350	SV119-350-212	4/20/2021	N	Dibromochloromethane	< 490	U	ug/m3	N	200
KAFB-106119-350	SV119-350-212	4/20/2021	N	Tetrachloroethene	< 490	U	ug/m3	N	200
KAFB-106119-350	SV119-350-212	4/20/2021	N	Xylenes, total	10000		ug/m3	Y	400
KAFB-106119-350	SV119-350-212	4/20/2021	N	Ethyl acetate	< 1900	U	ug/m3	N	800
KAFB-106119-350	SV119-350-212	4/20/2021	N	n-Heptane	91000		ug/m3	Y	240
KAFB-106119-350	SV119-350-212	4/20/2021	N	m- & p-Xylenes	2900		ug/m3	Y	400
KAFB-106119-350	SV119-350-212	4/20/2021	N	Carbon tetrachloride	< 490	U	ug/m3	N	210
KAFB-106119-350	SV119-350-212	4/20/2021	N	2-Hexanone	< 490	U	ug/m3	N	190
KAFB-106119-350	SV119-350-212	4/20/2021	N	Ethanol	< 2400	U	ug/m3	N	1100
KAFB-106119-350	SV119-350-212	4/20/2021	N	Isopropyl alcohol	< 1800	U	ug/m3	N	630
KAFB-106119-350	SV119-350-212	4/20/2021	N	Acetone	< 7700	U	ug/m3	N	3400
KAFB-106119-350	SV119-350-212	4/20/2021	N	Chloroform	< 490	U	ug/m3	N	200
KAFB-106119-350	SV119-350-212	4/20/2021	N	Benzene	40000		ug/m3	Y	220
KAFB-106119-350	SV119-350-212	4/20/2021	N	Chloromethane	< 920	U	ug/m3	N	250
KAFB-106119-350	SV119-350-212	4/20/2021	N	Chloroethane	< 920	U	ug/m3	N	190
KAFB-106119-350	SV119-350-212	4/20/2021	N	Vinyl chloride	< 490	U	ug/m3	N	160
KAFB-106119-350	SV119-350-212	4/20/2021	N	Methylene chloride	< 920	U	ug/m3	N	430
KAFB-106119-350	SV119-350-212	4/20/2021	N	Carbon disulfide	< 1500	U	ug/m3	N	460
KAFB-106119-350	SV119-350-212	4/20/2021	N	Bromoform	< 920	U	ug/m3	N	320
KAFB-106119-350	SV119-350-212	4/20/2021	N	Bromodichloromethane	< 490	U	ug/m3	N	220
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,1-Dichloroethane	< 950	U	ug/m3	N	220
KAFB-106119-350	SV119-350-212	4/20/2021	N	Trichlorofluoromethane	< 920	U	ug/m3	N	230
KAFB-106119-350	SV119-350-212	4/20/2021	N	Dichlorodifluoromethane	< 920	U	ug/m3	N	250
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	320	J	ug/m3	Y	220
KAFB-106119-350	SV119-350-212	4/20/2021	N	2-Butanone	< 920	U	ug/m3	N	320
KAFB-106119-350	SV119-350-212	4/20/2021	N	Trichloroethene	< 490	U	ug/m3	N	210
KAFB-106119-350	SV119-350-212	4/20/2021	N	Naphthalene	< 890	U	ug/m3	N	370
KAFB-106119-350	SV119-350-212	4/20/2021	N	o-Xylene	7500		ug/m3	Y	220

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106119-350	SV119-350-212	4/20/2021	N	1,2,4-Trimethylbenzene	1600		ug/m3	Y	210
KAFB-106119-450	SV119-450-212	4/20/2021	N	Ethylbenzene	7.5		ug/m3	Y	0.36
KAFB-106119-450	SV119-450-212	4/20/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,2-Dibromoethane	< 0.82	U	ug/m3	N	0.3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,2-Dichloroethane	< 0.82	U	ug/m3	N	0.28
KAFB-106119-450	SV119-450-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.82	U	ug/m3	N	0.35
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,3,5-Trimethylbenzene	16		ug/m3	Y	0.37
KAFB-106119-450	SV119-450-212	4/20/2021	N	Toluene	59		ug/m3	Y	0.31
KAFB-106119-450	SV119-450-212	4/20/2021	N	Tetrahydrofuran	1.3	J	ug/m3	Y	0.32
KAFB-106119-450	SV119-450-212	4/20/2021	N	Hexane	96		ug/m3	Y	0.53
KAFB-106119-450	SV119-450-212	4/20/2021	N	Cyclohexane	380		ug/m3	Y	0.72
KAFB-106119-450	SV119-450-212	4/20/2021	N	Propylene (propene)	1.9	J	ug/m3	Y	0.63
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.63
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,4-Dioxane	< 0.82	U	ug/m3	N	0.3
KAFB-106119-450	SV119-450-212	4/20/2021	N	Dibromochloromethane	< 0.82	U	ug/m3	N	0.34
KAFB-106119-450	SV119-450-212	4/20/2021	N	Tetrachloroethene	< 0.82	U	ug/m3	N	0.33
KAFB-106119-450	SV119-450-212	4/20/2021	N	Xylenes, total	140		ug/m3	Y	0.68
KAFB-106119-450	SV119-450-212	4/20/2021	N	Ethyl acetate	1.8	J	ug/m3	Y	1.4
KAFB-106119-450	SV119-450-212	4/20/2021	N	n-Heptane	200		ug/m3	Y	0.41
KAFB-106119-450	SV119-450-212	4/20/2021	N	m- & p-Xylenes	120		ug/m3	Y	0.68
KAFB-106119-450	SV119-450-212	4/20/2021	N	Carbon tetrachloride	0.61	J	ug/m3	Y	0.36
KAFB-106119-450	SV119-450-212	4/20/2021	N	2-Hexanone	< 0.82	U	ug/m3	N	0.32
KAFB-106119-450	SV119-450-212	4/20/2021	N	Ethanol	4.3	J	ug/m3	Y	1.8
KAFB-106119-450	SV119-450-212	4/20/2021	N	Isopropyl alcohol	1.2	J	ug/m3	Y	1.1
KAFB-106119-450	SV119-450-212	4/20/2021	N	Acetone	< 13	U	ug/m3	N	5.8
KAFB-106119-450	SV119-450-212	4/20/2021	N	Chloroform	0.78	J	ug/m3	Y	0.34
KAFB-106119-450	SV119-450-212	4/20/2021	N	Benzene	23		ug/m3	Y	0.37
KAFB-106119-450	SV119-450-212	4/20/2021	N	Chloromethane	0.98	J	ug/m3	Y	0.41
KAFB-106119-450	SV119-450-212	4/20/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106119-450	SV119-450-212	4/20/2021	N	Vinyl chloride	< 0.82	U	ug/m3	N	0.28
KAFB-106119-450	SV119-450-212	4/20/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106119-450	SV119-450-212	4/20/2021	N	Carbon disulfide	16		ug/m3	Y	0.77
KAFB-106119-450	SV119-450-212	4/20/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106119-450	SV119-450-212	4/20/2021	N	Bromodichloromethane	< 0.82	U	ug/m3	N	0.37
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.38
KAFB-106119-450	SV119-450-212	4/20/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.39
KAFB-106119-450	SV119-450-212	4/20/2021	N	Dichlorodifluoromethane	2.1	J	ug/m3	Y	0.42
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	J	ug/m3	Y	0.37
KAFB-106119-450	SV119-450-212	4/20/2021	N	2-Butanone	2.5	J	ug/m3	Y	0.53
KAFB-106119-450	SV119-450-212	4/20/2021	N	Trichloroethene	< 0.82	U	ug/m3	N	0.35
KAFB-106119-450	SV119-450-212	4/20/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.63
KAFB-106119-450	SV119-450-212	4/20/2021	N	o-Xylene	23		ug/m3	Y	0.37
KAFB-106119-450	SV119-450-212	4/20/2021	N	1,2,4-Trimethylbenzene	7		ug/m3	Y	0.36
KAFB-106126-025	SV126-025-212	4/20/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.35
KAFB-106126-025	SV126-025-212	4/20/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,2-Dibromoethane	< 0.8	U	ug/m3	N	0.29
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,2-Dichloroethane	< 0.8	U	ug/m3	N	0.28
KAFB-106126-025	SV126-025-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.8	U	ug/m3	N	0.34
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,3,5-Trimethylbenzene	3.3		ug/m3	Y	0.36
KAFB-106126-025	SV126-025-212	4/20/2021	N	Toluene	2.7		ug/m3	Y	0.31
KAFB-106126-025	SV126-025-212	4/20/2021	N	Tetrahydrofuran	< 0.8	U	ug/m3	N	0.31
KAFB-106126-025	SV126-025-212	4/20/2021	N	Hexane	< 1.5	U	ug/m3	N	0.52
KAFB-106126-025	SV126-025-212	4/20/2021	N	Cyclohexane	0.95	J	ug/m3	Y	0.71

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106126-025	SV126-025-212	4/20/2021	N	Propylene (propene)	1.8	J	ug/m3	Y	0.61
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,4-Dioxane	< 0.8	U	ug/m3	N	0.3
KAFB-106126-025	SV126-025-212	4/20/2021	N	Dibromochloromethane	< 0.8	U	ug/m3	N	0.33
KAFB-106126-025	SV126-025-212	4/20/2021	N	Tetrachloroethene	2.1	J	ug/m3	Y	0.32
KAFB-106126-025	SV126-025-212	4/20/2021	N	Xylenes, total	8.2		ug/m3	Y	0.66
KAFB-106126-025	SV126-025-212	4/20/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106126-025	SV126-025-212	4/20/2021	N	n-Heptane	0.6	J	ug/m3	Y	0.4
KAFB-106126-025	SV126-025-212	4/20/2021	N	m- & p-Xylenes	6.1		ug/m3	Y	0.66
KAFB-106126-025	SV126-025-212	4/20/2021	N	Carbon tetrachloride	5.4		ug/m3	Y	0.35
KAFB-106126-025	SV126-025-212	4/20/2021	N	2-Hexanone	< 0.8	U	ug/m3	N	0.31
KAFB-106126-025	SV126-025-212	4/20/2021	N	Ethanol	7.4	J	ug/m3	Y	1.7
KAFB-106126-025	SV126-025-212	4/20/2021	N	Isopropyl alcohol	12		ug/m3	Y	1
KAFB-106126-025	SV126-025-212	4/20/2021	N	Acetone	8.4	J	ug/m3	Y	5.6
KAFB-106126-025	SV126-025-212	4/20/2021	N	Chloroform	120		ug/m3	Y	0.33
KAFB-106126-025	SV126-025-212	4/20/2021	N	Benzene	0.58	J	ug/m3	Y	0.36
KAFB-106126-025	SV126-025-212	4/20/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106126-025	SV126-025-212	4/20/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106126-025	SV126-025-212	4/20/2021	N	Vinyl chloride	< 0.8	U	ug/m3	N	0.27
KAFB-106126-025	SV126-025-212	4/20/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.71
KAFB-106126-025	SV126-025-212	4/20/2021	N	Carbon disulfide	< 2.5	U	ug/m3	N	0.75
KAFB-106126-025	SV126-025-212	4/20/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106126-025	SV126-025-212	4/20/2021	N	Bromodichloromethane	9.2		ug/m3	Y	0.36
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106126-025	SV126-025-212	4/20/2021	N	Trichlorofluoromethane	0.99	J	ug/m3	Y	0.38
KAFB-106126-025	SV126-025-212	4/20/2021	N	Dichlorodifluoromethane	1.8	J	ug/m3	Y	0.41
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	26		ug/m3	Y	0.36
KAFB-106126-025	SV126-025-212	4/20/2021	N	2-Butanone	1.9	J	ug/m3	Y	0.52
KAFB-106126-025	SV126-025-212	4/20/2021	N	Trichloroethene	14		ug/m3	Y	0.34
KAFB-106126-025	SV126-025-212	4/20/2021	N	Naphthalene	3.1		ug/m3	Y	0.61
KAFB-106126-025	SV126-025-212	4/20/2021	N	o-Xylene	2.1	J	ug/m3	Y	0.36
KAFB-106126-025	SV126-025-212	4/20/2021	N	1,2,4-Trimethylbenzene	14		ug/m3	Y	0.35
KAFB-106126-050	SV126-050-212	4/20/2021	N	Ethylbenzene	0.53	J	ug/m3	Y	0.35
KAFB-106126-050	SV126-050-212	4/20/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,2-Dibromoethane	< 0.8	U	ug/m3	N	0.29
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,2-Dichloroethane	< 0.8	U	ug/m3	N	0.28
KAFB-106126-050	SV126-050-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.8	U	ug/m3	N	0.34
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,3,5-Trimethylbenzene	1.2	J	ug/m3	Y	0.36
KAFB-106126-050	SV126-050-212	4/20/2021	N	Toluene	1.6	J	ug/m3	Y	0.31
KAFB-106126-050	SV126-050-212	4/20/2021	N	Tetrahydrofuran	5.1		ug/m3	Y	0.31
KAFB-106126-050	SV126-050-212	4/20/2021	N	Hexane	< 1.5	U	ug/m3	N	0.52
KAFB-106126-050	SV126-050-212	4/20/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.71
KAFB-106126-050	SV126-050-212	4/20/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.61
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,4-Dioxane	< 0.8	U	ug/m3	N	0.3
KAFB-106126-050	SV126-050-212	4/20/2021	N	Dibromochloromethane	1	J	ug/m3	Y	0.33
KAFB-106126-050	SV126-050-212	4/20/2021	N	Tetrachloroethene	5.6		ug/m3	Y	0.32
KAFB-106126-050	SV126-050-212	4/20/2021	N	Xylenes, total	3.6	J	ug/m3	Y	0.66
KAFB-106126-050	SV126-050-212	4/20/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106126-050	SV126-050-212	4/20/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.4
KAFB-106126-050	SV126-050-212	4/20/2021	N	m- & p-Xylenes	2.7	J	ug/m3	Y	0.66
KAFB-106126-050	SV126-050-212	4/20/2021	N	Carbon tetrachloride	17		ug/m3	Y	0.35
KAFB-106126-050	SV126-050-212	4/20/2021	N	2-Hexanone	0.7	J	ug/m3	Y	0.31
KAFB-106126-050	SV126-050-212	4/20/2021	N	Ethanol	19	J	ug/m3	Y	1.7

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106126-050	SV126-050-212	4/20/2021	N	Isopropyl alcohol	1.8	J	ug/m3	Y	1
KAFB-106126-050	SV126-050-212	4/20/2021	N	Acetone	7.7	J	ug/m3	Y	5.6
KAFB-106126-050	SV126-050-212	4/20/2021	N	Benzene	0.48	J	ug/m3	Y	0.36
KAFB-106126-050	SV126-050-212	4/20/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106126-050	SV126-050-212	4/20/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106126-050	SV126-050-212	4/20/2021	N	Vinyl chloride	< 0.8	U	ug/m3	N	0.27
KAFB-106126-050	SV126-050-212	4/20/2021	N	Methylene chloride	0.84	J	ug/m3	Y	0.71
KAFB-106126-050	SV126-050-212	4/20/2021	N	Carbon disulfide	1.4	J	ug/m3	Y	0.75
KAFB-106126-050	SV126-050-212	4/20/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106126-050	SV126-050-212	4/20/2021	N	Bromodichloromethane	56		ug/m3	Y	0.36
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106126-050	SV126-050-212	4/20/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.38
KAFB-106126-050	SV126-050-212	4/20/2021	N	Dichlorodifluoromethane	1.9	J	ug/m3	Y	0.41
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	J	ug/m3	Y	0.36
KAFB-106126-050	SV126-050-212	4/20/2021	N	2-Butanone	7.3		ug/m3	Y	0.52
KAFB-106126-050	SV126-050-212	4/20/2021	N	Trichloroethene	1.7	J	ug/m3	Y	0.34
KAFB-106126-050	SV126-050-212	4/20/2021	N	Naphthalene	1.6	J	ug/m3	Y	0.61
KAFB-106126-050	SV126-050-212	4/20/2021	N	o-Xylene	0.87	J	ug/m3	Y	0.36
KAFB-106126-050	SV126-050-212	4/20/2021	N	1,2,4-Trimethylbenzene	5.3		ug/m3	Y	0.35
KAFB-106126-050	SV126-050-212	4/20/2021	N	Chloroform	490		ug/m3	Y	3.3
KAFB-106126-150	SV126-150-212	4/20/2021	N	Ethylbenzene	0.44	J	ug/m3	Y	0.38
KAFB-106126-150	SV126-150-212	4/20/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.3
KAFB-106126-150	SV126-150-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.37
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,3,5-Trimethylbenzene	1.1	J	ug/m3	Y	0.39
KAFB-106126-150	SV126-150-212	4/20/2021	N	Toluene	1.2	J	ug/m3	Y	0.33
KAFB-106126-150	SV126-150-212	4/20/2021	N	Tetrahydrofuran	19		ug/m3	Y	0.34
KAFB-106126-150	SV126-150-212	4/20/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106126-150	SV126-150-212	4/20/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.75
KAFB-106126-150	SV126-150-212	4/20/2021	N	Propylene (propene)	3.6		ug/m3	Y	0.65
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.32
KAFB-106126-150	SV126-150-212	4/20/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106126-150	SV126-150-212	4/20/2021	N	Tetrachloroethene	2.8		ug/m3	Y	0.35
KAFB-106126-150	SV126-150-212	4/20/2021	N	Xylenes, total	3.2	J	ug/m3	Y	0.7
KAFB-106126-150	SV126-150-212	4/20/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106126-150	SV126-150-212	4/20/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106126-150	SV126-150-212	4/20/2021	N	m- & p-Xylenes	2.3	J	ug/m3	Y	0.7
KAFB-106126-150	SV126-150-212	4/20/2021	N	Carbon tetrachloride	14		ug/m3	Y	0.37
KAFB-106126-150	SV126-150-212	4/20/2021	N	2-Hexanone	0.8	J	ug/m3	Y	0.33
KAFB-106126-150	SV126-150-212	4/20/2021	N	Ethanol	25	J	ug/m3	Y	1.9
KAFB-106126-150	SV126-150-212	4/20/2021	N	Isopropyl alcohol	3.3	J	ug/m3	Y	1.1
KAFB-106126-150	SV126-150-212	4/20/2021	N	Acetone	14	J	ug/m3	Y	6
KAFB-106126-150	SV126-150-212	4/20/2021	N	Chloroform	38		ug/m3	Y	0.36
KAFB-106126-150	SV126-150-212	4/20/2021	N	Benzene	0.5	J	ug/m3	Y	0.39
KAFB-106126-150	SV126-150-212	4/20/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106126-150	SV126-150-212	4/20/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106126-150	SV126-150-212	4/20/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.29
KAFB-106126-150	SV126-150-212	4/20/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106126-150	SV126-150-212	4/20/2021	N	Carbon disulfide	5.5		ug/m3	Y	0.8
KAFB-106126-150	SV126-150-212	4/20/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106126-150	SV126-150-212	4/20/2021	N	Bromodichloromethane	2.2	J	ug/m3	Y	0.39
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106126-150	SV126-150-212	4/20/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.41
KAFB-106126-150	SV126-150-212	4/20/2021	N	Dichlorodifluoromethane	0.88	J	ug/m3	Y	0.44
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.85	U	ug/m3	N	0.38
KAFB-106126-150	SV126-150-212	4/20/2021	N	2-Butanone	8.4		ug/m3	Y	0.55
KAFB-106126-150	SV126-150-212	4/20/2021	N	Trichloroethene	< 0.85	U	ug/m3	N	0.36
KAFB-106126-150	SV126-150-212	4/20/2021	N	Naphthalene	1.2	J	ug/m3	Y	0.65
KAFB-106126-150	SV126-150-212	4/20/2021	N	o-Xylene	0.82	J	ug/m3	Y	0.39
KAFB-106126-150	SV126-150-212	4/20/2021	N	1,2,4-Trimethylbenzene	4.5		ug/m3	Y	0.37
KAFB-106126-250	SV126-250-212	4/20/2021	N	Ethylbenzene	0.45	J	ug/m3	Y	0.31
KAFB-106126-250	SV126-250-212	4/20/2021	N	Styrene	< 1.3	U	ug/m3	N	0.35
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,2-Dibromoethane	< 0.69	U	ug/m3	N	0.25
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,3-Butadiene	< 1.3	U	ug/m3	N	0.36
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,2-Dichloroethane	< 0.69	U	ug/m3	N	0.24
KAFB-106126-250	SV126-250-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.69	U	ug/m3	N	0.3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,3,5-Trimethylbenzene	0.9	J	ug/m3	Y	0.31
KAFB-106126-250	SV126-250-212	4/20/2021	N	Toluene	1.7	J	ug/m3	Y	0.26
KAFB-106126-250	SV126-250-212	4/20/2021	N	Tetrahydrofuran	29		ug/m3	Y	0.27
KAFB-106126-250	SV126-250-212	4/20/2021	N	Hexane	< 1.3	U	ug/m3	N	0.45
KAFB-106126-250	SV126-250-212	4/20/2021	N	Cyclohexane	< 1.4	U	ug/m3	N	0.61
KAFB-106126-250	SV126-250-212	4/20/2021	N	Propylene (propene)	57		ug/m3	Y	0.53
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.3	U	ug/m3	N	0.53
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,4-Dioxane	0.27	J	ug/m3	Y	0.26
KAFB-106126-250	SV126-250-212	4/20/2021	N	Dibromochloromethane	< 0.69	U	ug/m3	N	0.29
KAFB-106126-250	SV126-250-212	4/20/2021	N	Tetrachloroethene	< 0.69	U	ug/m3	N	0.28
KAFB-106126-250	SV126-250-212	4/20/2021	N	Xylenes, total	3	J	ug/m3	Y	0.57
KAFB-106126-250	SV126-250-212	4/20/2021	N	Ethyl acetate	< 2.6	U	ug/m3	N	1.1
KAFB-106126-250	SV126-250-212	4/20/2021	N	n-Heptane	< 1.3	U	ug/m3	N	0.35
KAFB-106126-250	SV126-250-212	4/20/2021	N	m- & p-Xylenes	2.3	J	ug/m3	Y	0.57
KAFB-106126-250	SV126-250-212	4/20/2021	N	Carbon tetrachloride	2.2		ug/m3	Y	0.3
KAFB-106126-250	SV126-250-212	4/20/2021	N	2-Hexanone	0.64	J	ug/m3	Y	0.27
KAFB-106126-250	SV126-250-212	4/20/2021	N	Ethanol	21	J	ug/m3	Y	1.5
KAFB-106126-250	SV126-250-212	4/20/2021	N	Isopropyl alcohol	410		ug/m3	Y	0.9
KAFB-106126-250	SV126-250-212	4/20/2021	N	Acetone	11	J	ug/m3	Y	4.9
KAFB-106126-250	SV126-250-212	4/20/2021	N	Chloroform	1.1	J	ug/m3	Y	0.29
KAFB-106126-250	SV126-250-212	4/20/2021	N	Benzene	0.59	J	ug/m3	Y	0.31
KAFB-106126-250	SV126-250-212	4/20/2021	N	Chloromethane	0.53	J	ug/m3	Y	0.35
KAFB-106126-250	SV126-250-212	4/20/2021	N	Chloroethane	< 1.3	U	ug/m3	N	0.27
KAFB-106126-250	SV126-250-212	4/20/2021	N	Vinyl chloride	< 0.69	U	ug/m3	N	0.23
KAFB-106126-250	SV126-250-212	4/20/2021	N	Methylene chloride	< 1.3	U	ug/m3	N	0.61
KAFB-106126-250	SV126-250-212	4/20/2021	N	Carbon disulfide	2.2	J	ug/m3	Y	0.65
KAFB-106126-250	SV126-250-212	4/20/2021	N	Bromoform	< 1.3	U	ug/m3	N	0.45
KAFB-106126-250	SV126-250-212	4/20/2021	N	Bromodichloromethane	< 0.69	U	ug/m3	N	0.31
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,1-Dichloroethane	< 1.3	U	ug/m3	N	0.32
KAFB-106126-250	SV126-250-212	4/20/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.33
KAFB-106126-250	SV126-250-212	4/20/2021	N	Dichlorodifluoromethane	0.44	J	ug/m3	Y	0.35
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.69	U	ug/m3	N	0.31
KAFB-106126-250	SV126-250-212	4/20/2021	N	2-Butanone	6.6		ug/m3	Y	0.45
KAFB-106126-250	SV126-250-212	4/20/2021	N	Trichloroethene	< 0.69	U	ug/m3	N	0.29
KAFB-106126-250	SV126-250-212	4/20/2021	N	Naphthalene	1.3	J	ug/m3	Y	0.53
KAFB-106126-250	SV126-250-212	4/20/2021	N	o-Xylene	0.73	J	ug/m3	Y	0.31
KAFB-106126-250	SV126-250-212	4/20/2021	N	1,2,4-Trimethylbenzene	3.9		ug/m3	Y	0.3
KAFB-106126-350	SV126-350-212	4/20/2021	N	Ethylbenzene	< 5.9	U	ug/m3	N	2.6
KAFB-106126-350	SV126-350-212	4/20/2021	N	Styrene	< 11	U	ug/m3	N	3
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,2-Dibromoethane	< 5.9	U	ug/m3	N	2.1
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,3-Butadiene	< 11	U	ug/m3	N	3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,2-Dichloroethane	< 5.9	U	ug/m3	N	2
KAFB-106126-350	SV126-350-212	4/20/2021	N	4-Methyl-2-pentanone	< 5.9	U	ug/m3	N	2.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,3,5-Trimethylbenzene	< 5.9	U	ug/m3	N	2.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	Toluene	3.7	J	ug/m3	Y	2.2
KAFB-106126-350	SV126-350-212	4/20/2021	N	Tetrahydrofuran	< 5.9	U	ug/m3	N	2.3
KAFB-106126-350	SV126-350-212	4/20/2021	N	Hexane	10	J	ug/m3	Y	3.8
KAFB-106126-350	SV126-350-212	4/20/2021	N	Cyclohexane	63		ug/m3	Y	5.2
KAFB-106126-350	SV126-350-212	4/20/2021	N	Propylene (propene)	< 11	U	ug/m3	N	4.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 11	U	ug/m3	N	4.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,4-Dioxane	< 5.9	U	ug/m3	N	2.2
KAFB-106126-350	SV126-350-212	4/20/2021	N	Dibromochloromethane	< 5.9	U	ug/m3	N	2.4
KAFB-106126-350	SV126-350-212	4/20/2021	N	Tetrachloroethene	< 5.9	U	ug/m3	N	2.4
KAFB-106126-350	SV126-350-212	4/20/2021	N	Xylenes, total	6.4	J	ug/m3	Y	4.8
KAFB-106126-350	SV126-350-212	4/20/2021	N	Ethyl acetate	< 22	U	ug/m3	N	9.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	n-Heptane	< 11	U	ug/m3	N	2.9
KAFB-106126-350	SV126-350-212	4/20/2021	N	m- & p-Xylenes	6.4	J	ug/m3	Y	4.8
KAFB-106126-350	SV126-350-212	4/20/2021	N	Carbon tetrachloride	< 5.9	U	ug/m3	N	2.6
KAFB-106126-350	SV126-350-212	4/20/2021	N	2-Hexanone	< 5.9	U	ug/m3	N	2.3
KAFB-106126-350	SV126-350-212	4/20/2021	N	Ethanol	32	J	ug/m3	Y	13
KAFB-106126-350	SV126-350-212	4/20/2021	N	Isopropyl alcohol	16	J	ug/m3	Y	7.6
KAFB-106126-350	SV126-350-212	4/20/2021	N	Acetone	< 93	U	ug/m3	N	42
KAFB-106126-350	SV126-350-212	4/20/2021	N	Chloroform	< 5.9	U	ug/m3	N	2.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	Benzene	7.7	J	ug/m3	Y	2.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	Chloromethane	< 11	U	ug/m3	N	3
KAFB-106126-350	SV126-350-212	4/20/2021	N	Chloroethane	< 11	U	ug/m3	N	2.3
KAFB-106126-350	SV126-350-212	4/20/2021	N	Vinyl chloride	< 5.9	U	ug/m3	N	2
KAFB-106126-350	SV126-350-212	4/20/2021	N	Methylene chloride	< 11	U	ug/m3	N	5.2
KAFB-106126-350	SV126-350-212	4/20/2021	N	Carbon disulfide	< 19	U	ug/m3	N	5.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	Bromoform	< 11	U	ug/m3	N	3.8
KAFB-106126-350	SV126-350-212	4/20/2021	N	Bromodichloromethane	< 5.9	U	ug/m3	N	2.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,1-Dichloroethane	< 11	U	ug/m3	N	2.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	Trichlorofluoromethane	< 11	U	ug/m3	N	2.8
KAFB-106126-350	SV126-350-212	4/20/2021	N	Dichlorodifluoromethane	< 11	U	ug/m3	N	3
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.9	U	ug/m3	N	2.6
KAFB-106126-350	SV126-350-212	4/20/2021	N	2-Butanone	6.8	J	ug/m3	Y	3.8
KAFB-106126-350	SV126-350-212	4/20/2021	N	Trichloroethene	3.5	J	ug/m3	Y	2.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	Naphthalene	< 11	U	ug/m3	N	4.5
KAFB-106126-350	SV126-350-212	4/20/2021	N	o-Xylene	< 5.9	U	ug/m3	N	2.7
KAFB-106126-350	SV126-350-212	4/20/2021	N	1,2,4-Trimethylbenzene	9.2	J	ug/m3	Y	2.6
KAFB-106126-450	SV126-450-212	4/20/2021	N	Ethylbenzene	< 140	U	ug/m3	N	63
KAFB-106126-450	SV126-450-212	4/20/2021	N	Styrene	< 270	U	ug/m3	N	72
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,2-Dibromoethane	< 140	U	ug/m3	N	52
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,3-Butadiene	< 270	U	ug/m3	N	74
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,2-Dichloroethane	< 140	U	ug/m3	N	50
KAFB-106126-450	SV126-450-212	4/20/2021	N	4-Methyl-2-pentanone	< 140	U	ug/m3	N	61
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,3,5-Trimethylbenzene	< 140	U	ug/m3	N	65
KAFB-106126-450	SV126-450-212	4/20/2021	N	Toluene	< 140	U	ug/m3	N	55
KAFB-106126-450	SV126-450-212	4/20/2021	N	Tetrahydrofuran	< 140	U	ug/m3	N	56
KAFB-106126-450	SV126-450-212	4/20/2021	N	Hexane	950		ug/m3	Y	92
KAFB-106126-450	SV126-450-212	4/20/2021	N	Cyclohexane	3500		ug/m3	Y	130
KAFB-106126-450	SV126-450-212	4/20/2021	N	Propylene (propene)	< 270	U	ug/m3	N	110
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 270	U	ug/m3	N	110
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,4-Dioxane	< 140	U	ug/m3	N	53
KAFB-106126-450	SV126-450-212	4/20/2021	N	Dibromochloromethane	< 140	U	ug/m3	N	59
KAFB-106126-450	SV126-450-212	4/20/2021	N	Tetrachloroethene	< 140	U	ug/m3	N	58

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106126-450	SV126-450-212	4/20/2021	N	Xylenes, total	< 290	U	ug/m3	N	120
KAFB-106126-450	SV126-450-212	4/20/2021	N	Ethyl acetate	< 550	U	ug/m3	N	240
KAFB-106126-450	SV126-450-212	4/20/2021	N	n-Heptane	< 270	U	ug/m3	N	71
KAFB-106126-450	SV126-450-212	4/20/2021	N	m- & p-Xylenes	< 290	U	ug/m3	N	120
KAFB-106126-450	SV126-450-212	4/20/2021	N	Carbon tetrachloride	< 140	U	ug/m3	N	62
KAFB-106126-450	SV126-450-212	4/20/2021	N	2-Hexanone	< 140	U	ug/m3	N	55
KAFB-106126-450	SV126-450-212	4/20/2021	N	Ethanol	< 700	U	ug/m3	N	310
KAFB-106126-450	SV126-450-212	4/20/2021	N	Isopropyl alcohol	< 530	U	ug/m3	N	180
KAFB-106126-450	SV126-450-212	4/20/2021	N	Acetone	< 2300	U	ug/m3	N	1000
KAFB-106126-450	SV126-450-212	4/20/2021	N	Chloroform	< 140	U	ug/m3	N	60
KAFB-106126-450	SV126-450-212	4/20/2021	N	Benzene	< 140	U	ug/m3	N	65
KAFB-106126-450	SV126-450-212	4/20/2021	N	Chloromethane	< 270	U	ug/m3	N	72
KAFB-106126-450	SV126-450-212	4/20/2021	N	Chloroethane	< 270	U	ug/m3	N	55
KAFB-106126-450	SV126-450-212	4/20/2021	N	Vinyl chloride	< 140	U	ug/m3	N	48
KAFB-106126-450	SV126-450-212	4/20/2021	N	Methylene chloride	< 270	U	ug/m3	N	130
KAFB-106126-450	SV126-450-212	4/20/2021	N	Carbon disulfide	< 450	U	ug/m3	N	130
KAFB-106126-450	SV126-450-212	4/20/2021	N	Bromoform	< 270	U	ug/m3	N	92
KAFB-106126-450	SV126-450-212	4/20/2021	N	Bromodichloromethane	< 140	U	ug/m3	N	65
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,1-Dichloroethane	< 280	U	ug/m3	N	66
KAFB-106126-450	SV126-450-212	4/20/2021	N	Trichlorofluoromethane	< 270	U	ug/m3	N	68
KAFB-106126-450	SV126-450-212	4/20/2021	N	Dichlorodifluoromethane	< 270	U	ug/m3	N	73
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 140	U	ug/m3	N	64
KAFB-106126-450	SV126-450-212	4/20/2021	N	2-Butanone	< 270	U	ug/m3	N	92
KAFB-106126-450	SV126-450-212	4/20/2021	N	Trichloroethene	< 140	U	ug/m3	N	60
KAFB-106126-450	SV126-450-212	4/20/2021	N	Naphthalene	< 260	U	ug/m3	N	110
KAFB-106126-450	SV126-450-212	4/20/2021	N	o-Xylene	< 140	U	ug/m3	N	65
KAFB-106126-450	SV126-450-212	4/20/2021	N	1,2,4-Trimethylbenzene	< 140	U	ug/m3	N	62
KAFB-106129-025	SV129-025-212	4/19/2021	N	Ethylbenzene	2.4		ug/m3	Y	0.33
KAFB-106129-025	SV129-025-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,2-Dibromoethane	< 0.75	U	ug/m3	N	0.27
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,2-Dichloroethane	< 0.75	U	ug/m3	N	0.26
KAFB-106129-025	SV129-025-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.75	U	ug/m3	N	0.32
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,3,5-Trimethylbenzene	3.2		ug/m3	Y	0.34
KAFB-106129-025	SV129-025-212	4/19/2021	N	Toluene	13		ug/m3	Y	0.29
KAFB-106129-025	SV129-025-212	4/19/2021	N	Tetrahydrofuran	1.3	J	ug/m3	Y	0.29
KAFB-106129-025	SV129-025-212	4/19/2021	N	Hexane	1.7	J	ug/m3	Y	0.48
KAFB-106129-025	SV129-025-212	4/19/2021	N	Cyclohexane	1.1	J	ug/m3	Y	0.66
KAFB-106129-025	SV129-025-212	4/19/2021	N	Propylene (propene)	1.2	J	ug/m3	Y	0.57
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,4-Dioxane	< 0.75	U	ug/m3	N	0.28
KAFB-106129-025	SV129-025-212	4/19/2021	N	Dibromochloromethane	< 0.75	U	ug/m3	N	0.31
KAFB-106129-025	SV129-025-212	4/19/2021	N	Tetrachloroethene	0.74	J	ug/m3	Y	0.3
KAFB-106129-025	SV129-025-212	4/19/2021	N	Xylenes, total	18		ug/m3	Y	0.62
KAFB-106129-025	SV129-025-212	4/19/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.2
KAFB-106129-025	SV129-025-212	4/19/2021	N	n-Heptane	4.1		ug/m3	Y	0.37
KAFB-106129-025	SV129-025-212	4/19/2021	N	m- & p-Xylenes	14		ug/m3	Y	0.62
KAFB-106129-025	SV129-025-212	4/19/2021	N	Carbon tetrachloride	2.1	J	ug/m3	Y	0.33
KAFB-106129-025	SV129-025-212	4/19/2021	N	2-Hexanone	1.1	J	ug/m3	Y	0.29
KAFB-106129-025	SV129-025-212	4/19/2021	N	Ethanol	24		ug/m3	Y	1.6
KAFB-106129-025	SV129-025-212	4/19/2021	N	Isopropyl alcohol	3.3	J	ug/m3	Y	0.97
KAFB-106129-025	SV129-025-212	4/19/2021	N	Acetone	7.9	J	ug/m3	Y	5.3
KAFB-106129-025	SV129-025-212	4/19/2021	N	Chloroform	0.43	J	ug/m3	Y	0.31
KAFB-106129-025	SV129-025-212	4/19/2021	N	Benzene	3.6		ug/m3	Y	0.34
KAFB-106129-025	SV129-025-212	4/19/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106129-025	SV129-025-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106129-025	SV129-025-212	4/19/2021	N	Vinyl chloride	< 0.75	U	ug/m3	N	0.25
KAFB-106129-025	SV129-025-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
KAFB-106129-025	SV129-025-212	4/19/2021	N	Carbon disulfide	2.1	J	ug/m3	Y	0.7
KAFB-106129-025	SV129-025-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106129-025	SV129-025-212	4/19/2021	N	Bromodichloromethane	< 0.75	U	ug/m3	N	0.34
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.34
KAFB-106129-025	SV129-025-212	4/19/2021	N	Trichlorofluoromethane	1	J	ug/m3	Y	0.36
KAFB-106129-025	SV129-025-212	4/19/2021	N	Dichlorodifluoromethane	3.4		ug/m3	Y	0.38
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2	J	ug/m3	Y	0.33
KAFB-106129-025	SV129-025-212	4/19/2021	N	2-Butanone	5.9		ug/m3	Y	0.48
KAFB-106129-025	SV129-025-212	4/19/2021	N	Trichloroethene	< 0.75	U	ug/m3	N	0.32
KAFB-106129-025	SV129-025-212	4/19/2021	N	Naphthalene	3.4		ug/m3	Y	0.57
KAFB-106129-025	SV129-025-212	4/19/2021	N	o-Xylene	4.8		ug/m3	Y	0.34
KAFB-106129-025	SV129-025-212	4/19/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.33
KAFB-106129-050	SV129-050-212	4/19/2021	N	Ethylbenzene	1.3	J	ug/m3	Y	0.34
KAFB-106129-050	SV129-050-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.39
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,2-Dibromoethane	< 0.77	U	ug/m3	N	0.28
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.4
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.77	U	ug/m3	N	0.27
KAFB-106129-050	SV129-050-212	4/19/2021	N	4-Methyl-2-pentanone	0.57	J	ug/m3	Y	0.33
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	1.8	J	ug/m3	Y	0.35
KAFB-106129-050	SV129-050-212	4/19/2021	N	Toluene	7.4		ug/m3	Y	0.29
KAFB-106129-050	SV129-050-212	4/19/2021	N	Tetrahydrofuran	2.3	J	ug/m3	Y	0.3
KAFB-106129-050	SV129-050-212	4/19/2021	N	Hexane	1.3	J	ug/m3	Y	0.5
KAFB-106129-050	SV129-050-212	4/19/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.68
KAFB-106129-050	SV129-050-212	4/19/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.59
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.59
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,4-Dioxane	< 0.77	U	ug/m3	N	0.28
KAFB-106129-050	SV129-050-212	4/19/2021	N	Dibromochloromethane	< 0.77	U	ug/m3	N	0.32
KAFB-106129-050	SV129-050-212	4/19/2021	N	Tetrachloroethene	0.81	J	ug/m3	Y	0.31
KAFB-106129-050	SV129-050-212	4/19/2021	N	Xylenes, total	9.7		ug/m3	Y	0.63
KAFB-106129-050	SV129-050-212	4/19/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.3
KAFB-106129-050	SV129-050-212	4/19/2021	N	n-Heptane	2.8		ug/m3	Y	0.38
KAFB-106129-050	SV129-050-212	4/19/2021	N	m- & p-Xylenes	7.2		ug/m3	Y	0.63
KAFB-106129-050	SV129-050-212	4/19/2021	N	Carbon tetrachloride	2.3		ug/m3	Y	0.33
KAFB-106129-050	SV129-050-212	4/19/2021	N	2-Hexanone	2.1	J	ug/m3	Y	0.3
KAFB-106129-050	SV129-050-212	4/19/2021	N	Ethanol	48		ug/m3	Y	1.7
KAFB-106129-050	SV129-050-212	4/19/2021	N	Isopropyl alcohol	3.8	J	ug/m3	Y	0.99
KAFB-106129-050	SV129-050-212	4/19/2021	N	Acetone	16	J	ug/m3	Y	5.4
KAFB-106129-050	SV129-050-212	4/19/2021	N	Chloroform	0.62	J	ug/m3	Y	0.32
KAFB-106129-050	SV129-050-212	4/19/2021	N	Benzene	2.1	J	ug/m3	Y	0.35
KAFB-106129-050	SV129-050-212	4/19/2021	N	Chloromethane	0.59	J	ug/m3	Y	0.39
KAFB-106129-050	SV129-050-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.3
KAFB-106129-050	SV129-050-212	4/19/2021	N	Vinyl chloride	< 0.77	U	ug/m3	N	0.26
KAFB-106129-050	SV129-050-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.68
KAFB-106129-050	SV129-050-212	4/19/2021	N	Carbon disulfide	2.5	J	ug/m3	Y	0.72
KAFB-106129-050	SV129-050-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.5
KAFB-106129-050	SV129-050-212	4/19/2021	N	Bromodichloromethane	< 0.77	U	ug/m3	N	0.35
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106129-050	SV129-050-212	4/19/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.36
KAFB-106129-050	SV129-050-212	4/19/2021	N	Dichlorodifluoromethane	3.8		ug/m3	Y	0.39
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.1	J	ug/m3	Y	0.34
KAFB-106129-050	SV129-050-212	4/19/2021	N	2-Butanone	13		ug/m3	Y	0.5
KAFB-106129-050	SV129-050-212	4/19/2021	N	Trichloroethene	< 0.77	U	ug/m3	N	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106129-050	SV129-050-212	4/19/2021	N	Naphthalene	1.6	J	ug/m3	Y	0.59
KAFB-106129-050	SV129-050-212	4/19/2021	N	o-Xylene	2.5		ug/m3	Y	0.35
KAFB-106129-050	SV129-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	6.7		ug/m3	Y	0.33
KAFB-106129-150	SV129-150-212	4/19/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.32
KAFB-106129-150	SV129-150-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,2-Dibromoethane	< 0.73	U	ug/m3	N	0.27
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,2-Dichloroethane	< 0.73	U	ug/m3	N	0.25
KAFB-106129-150	SV129-150-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.73	U	ug/m3	N	0.31
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,3,5-Trimethylbenzene	3.2		ug/m3	Y	0.33
KAFB-106129-150	SV129-150-212	4/19/2021	N	Toluene	6.4		ug/m3	Y	0.28
KAFB-106129-150	SV129-150-212	4/19/2021	N	Tetrahydrofuran	0.83	J	ug/m3	Y	0.29
KAFB-106129-150	SV129-150-212	4/19/2021	N	Hexane	1.1	J	ug/m3	Y	0.47
KAFB-106129-150	SV129-150-212	4/19/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.64
KAFB-106129-150	SV129-150-212	4/19/2021	N	Propylene (propene)	0.91	J	ug/m3	Y	0.56
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,4-Dioxane	< 0.73	U	ug/m3	N	0.27
KAFB-106129-150	SV129-150-212	4/19/2021	N	Dibromochloromethane	< 0.73	U	ug/m3	N	0.3
KAFB-106129-150	SV129-150-212	4/19/2021	N	Tetrachloroethene	1.7	J	ug/m3	Y	0.29
KAFB-106129-150	SV129-150-212	4/19/2021	N	Xylenes, total	13		ug/m3	Y	0.6
KAFB-106129-150	SV129-150-212	4/19/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106129-150	SV129-150-212	4/19/2021	N	n-Heptane	2.3		ug/m3	Y	0.36
KAFB-106129-150	SV129-150-212	4/19/2021	N	m- & p-Xylenes	9.1		ug/m3	Y	0.6
KAFB-106129-150	SV129-150-212	4/19/2021	N	Carbon tetrachloride	3.7		ug/m3	Y	0.32
KAFB-106129-150	SV129-150-212	4/19/2021	N	2-Hexanone	0.81	J	ug/m3	Y	0.28
KAFB-106129-150	SV129-150-212	4/19/2021	N	Ethanol	25		ug/m3	Y	1.6
KAFB-106129-150	SV129-150-212	4/19/2021	N	Isopropyl alcohol	1.8	J	ug/m3	Y	0.94
KAFB-106129-150	SV129-150-212	4/19/2021	N	Acetone	6.8	J	ug/m3	Y	5.1
KAFB-106129-150	SV129-150-212	4/19/2021	N	Chloroform	0.97	J	ug/m3	Y	0.3
KAFB-106129-150	SV129-150-212	4/19/2021	N	Benzene	1.8	J	ug/m3	Y	0.33
KAFB-106129-150	SV129-150-212	4/19/2021	N	Chloromethane	0.48	J	ug/m3	Y	0.37
KAFB-106129-150	SV129-150-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106129-150	SV129-150-212	4/19/2021	N	Vinyl chloride	< 0.73	U	ug/m3	N	0.24
KAFB-106129-150	SV129-150-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.64
KAFB-106129-150	SV129-150-212	4/19/2021	N	Carbon disulfide	2.5	J	ug/m3	Y	0.68
KAFB-106129-150	SV129-150-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106129-150	SV129-150-212	4/19/2021	N	Bromodichloromethane	< 0.73	U	ug/m3	N	0.33
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106129-150	SV129-150-212	4/19/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.35
KAFB-106129-150	SV129-150-212	4/19/2021	N	Dichlorodifluoromethane	4.8		ug/m3	Y	0.37
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	4.2		ug/m3	Y	0.32
KAFB-106129-150	SV129-150-212	4/19/2021	N	2-Butanone	6.1		ug/m3	Y	0.47
KAFB-106129-150	SV129-150-212	4/19/2021	N	Trichloroethene	2	J	ug/m3	Y	0.31
KAFB-106129-150	SV129-150-212	4/19/2021	N	Naphthalene	3.6		ug/m3	Y	0.56
KAFB-106129-150	SV129-150-212	4/19/2021	N	o-Xylene	3.6		ug/m3	Y	0.33
KAFB-106129-150	SV129-150-212	4/19/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.32
KAFB-106129-250	SV129-250-212	4/19/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.35
KAFB-106129-250	SV129-250-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.29
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106129-250	SV129-250-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.34
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,3,5-Trimethylbenzene	1.9	J	ug/m3	Y	0.35
KAFB-106129-250	SV129-250-212	4/19/2021	N	Toluene	4.7		ug/m3	Y	0.3
KAFB-106129-250	SV129-250-212	4/19/2021	N	Tetrahydrofuran	0.77	J	ug/m3	Y	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106129-250	SV129-250-212	4/19/2021	N	Hexane	0.82	J	ug/m3	Y	0.51
KAFB-106129-250	SV129-250-212	4/19/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106129-250	SV129-250-212	4/19/2021	N	Propylene (propene)	0.93	J	ug/m3	Y	0.6
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,4-Dioxane	< 0.78	U	ug/m3	N	0.29
KAFB-106129-250	SV129-250-212	4/19/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
KAFB-106129-250	SV129-250-212	4/19/2021	N	Tetrachloroethene	2.1	J	ug/m3	Y	0.32
KAFB-106129-250	SV129-250-212	4/19/2021	N	Xylenes, total	8.6		ug/m3	Y	0.64
KAFB-106129-250	SV129-250-212	4/19/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106129-250	SV129-250-212	4/19/2021	N	n-Heptane	1.8	J	ug/m3	Y	0.39
KAFB-106129-250	SV129-250-212	4/19/2021	N	m- & p-Xylenes	6.2		ug/m3	Y	0.64
KAFB-106129-250	SV129-250-212	4/19/2021	N	Carbon tetrachloride	2.7		ug/m3	Y	0.34
KAFB-106129-250	SV129-250-212	4/19/2021	N	2-Hexanone	0.94	J	ug/m3	Y	0.3
KAFB-106129-250	SV129-250-212	4/19/2021	N	Ethanol	32		ug/m3	Y	1.7
KAFB-106129-250	SV129-250-212	4/19/2021	N	Isopropyl alcohol	1.1	J	ug/m3	Y	1
KAFB-106129-250	SV129-250-212	4/19/2021	N	Acetone	8.8	J	ug/m3	Y	5.5
KAFB-106129-250	SV129-250-212	4/19/2021	N	Chloroform	0.8	J	ug/m3	Y	0.33
KAFB-106129-250	SV129-250-212	4/19/2021	N	Benzene	1.4	J	ug/m3	Y	0.35
KAFB-106129-250	SV129-250-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106129-250	SV129-250-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106129-250	SV129-250-212	4/19/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106129-250	SV129-250-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106129-250	SV129-250-212	4/19/2021	N	Carbon disulfide	4.8		ug/m3	Y	0.74
KAFB-106129-250	SV129-250-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106129-250	SV129-250-212	4/19/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106129-250	SV129-250-212	4/19/2021	N	Trichlorofluoromethane	0.86	J	ug/m3	Y	0.37
KAFB-106129-250	SV129-250-212	4/19/2021	N	Dichlorodifluoromethane	5.3		ug/m3	Y	0.4
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	3.8		ug/m3	Y	0.35
KAFB-106129-250	SV129-250-212	4/19/2021	N	2-Butanone	7.8		ug/m3	Y	0.51
KAFB-106129-250	SV129-250-212	4/19/2021	N	Trichloroethene	6.4		ug/m3	Y	0.33
KAFB-106129-250	SV129-250-212	4/19/2021	N	Naphthalene	2.3	J	ug/m3	Y	0.6
KAFB-106129-250	SV129-250-212	4/19/2021	N	o-Xylene	2.4	J	ug/m3	Y	0.35
KAFB-106129-250	SV129-250-212	4/19/2021	N	1,2,4-Trimethylbenzene	6.8		ug/m3	Y	0.34
KAFB-106129-350	SV129-350-212	4/19/2021	N	Ethylbenzene	0.89	J	ug/m3	Y	0.33
KAFB-106129-350	SV129-350-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,2-Dibromoethane	< 0.74	U	ug/m3	N	0.27
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
KAFB-106129-350	SV129-350-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,3,5-Trimethylbenzene	1.3	J	ug/m3	Y	0.34
KAFB-106129-350	SV129-350-212	4/19/2021	N	Toluene	4.9		ug/m3	Y	0.28
KAFB-106129-350	SV129-350-212	4/19/2021	N	Tetrahydrofuran	0.89	J	ug/m3	Y	0.29
KAFB-106129-350	SV129-350-212	4/19/2021	N	Hexane	0.84	J	ug/m3	Y	0.48
KAFB-106129-350	SV129-350-212	4/19/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.66
KAFB-106129-350	SV129-350-212	4/19/2021	N	Propylene (propene)	5.8		ug/m3	Y	0.57
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.28
KAFB-106129-350	SV129-350-212	4/19/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.31
KAFB-106129-350	SV129-350-212	4/19/2021	N	Tetrachloroethene	1.6	J	ug/m3	Y	0.3
KAFB-106129-350	SV129-350-212	4/19/2021	N	Xylenes, total	6.4		ug/m3	Y	0.61
KAFB-106129-350	SV129-350-212	4/19/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106129-350	SV129-350-212	4/19/2021	N	n-Heptane	1.7	J	ug/m3	Y	0.37
KAFB-106129-350	SV129-350-212	4/19/2021	N	m- & p-Xylenes	4.7		ug/m3	Y	0.61
KAFB-106129-350	SV129-350-212	4/19/2021	N	Carbon tetrachloride	1.8	J	ug/m3	Y	0.32

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106129-350	SV129-350-212	4/19/2021	N	2-Hexanone	0.89	J	ug/m3	Y	0.29
KAFB-106129-350	SV129-350-212	4/19/2021	N	Ethanol	28		ug/m3	Y	1.6
KAFB-106129-350	SV129-350-212	4/19/2021	N	Isopropyl alcohol	24		ug/m3	Y	0.96
KAFB-106129-350	SV129-350-212	4/19/2021	N	Acetone	8.6	J	ug/m3	Y	5.3
KAFB-106129-350	SV129-350-212	4/19/2021	N	Chloroform	0.63	J	ug/m3	Y	0.31
KAFB-106129-350	SV129-350-212	4/19/2021	N	Benzene	1.4	J	ug/m3	Y	0.34
KAFB-106129-350	SV129-350-212	4/19/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106129-350	SV129-350-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106129-350	SV129-350-212	4/19/2021	N	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
KAFB-106129-350	SV129-350-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
KAFB-106129-350	SV129-350-212	4/19/2021	N	Carbon disulfide	8.1		ug/m3	Y	0.7
KAFB-106129-350	SV129-350-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106129-350	SV129-350-212	4/19/2021	N	Bromodichloromethane	< 0.74	U	ug/m3	N	0.34
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
KAFB-106129-350	SV129-350-212	4/19/2021	N	Trichlorofluoromethane	1.3	J	ug/m3	Y	0.35
KAFB-106129-350	SV129-350-212	4/19/2021	N	Dichlorodifluoromethane	11		ug/m3	Y	0.38
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5		ug/m3	Y	0.33
KAFB-106129-350	SV129-350-212	4/19/2021	N	2-Butanone	6.8		ug/m3	Y	0.48
KAFB-106129-350	SV129-350-212	4/19/2021	N	Trichloroethene	4.9		ug/m3	Y	0.32
KAFB-106129-350	SV129-350-212	4/19/2021	N	Naphthalene	1.5	J	ug/m3	Y	0.57
KAFB-106129-350	SV129-350-212	4/19/2021	N	o-Xylene	1.7	J	ug/m3	Y	0.34
KAFB-106129-350	SV129-350-212	4/19/2021	N	1,2,4-Trimethylbenzene	4.5		ug/m3	Y	0.32
KAFB-106129-450	SV129-450-212	4/19/2021	N	Ethylbenzene	110		ug/m3	Y	7.1
KAFB-106129-450	SV129-450-212	4/19/2021	N	Styrene	< 30	U	ug/m3	N	8.1
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,2-Dibromoethane	< 16	U	ug/m3	N	5.9
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,3-Butadiene	< 30	U	ug/m3	N	8.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,2-Dichloroethane	< 16	U	ug/m3	N	5.6
KAFB-106129-450	SV129-450-212	4/19/2021	N	4-Methyl-2-pentanone	< 16	U	ug/m3	N	6.9
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,3,5-Trimethylbenzene	150		ug/m3	Y	7.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	Toluene	2400		ug/m3	Y	6.1
KAFB-106129-450	SV129-450-212	4/19/2021	N	Tetrahydrofuran	62	J	ug/m3	Y	6.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	Hexane	540		ug/m3	Y	10
KAFB-106129-450	SV129-450-212	4/19/2021	N	Cyclohexane	770		ug/m3	Y	14
KAFB-106129-450	SV129-450-212	4/19/2021	N	Propylene (propene)	130		ug/m3	Y	12
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 30	U	ug/m3	N	12
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,4-Dioxane	< 16	U	ug/m3	N	6
KAFB-106129-450	SV129-450-212	4/19/2021	N	Dibromochloromethane	< 16	U	ug/m3	N	6.6
KAFB-106129-450	SV129-450-212	4/19/2021	N	Tetrachloroethene	< 16	U	ug/m3	N	6.5
KAFB-106129-450	SV129-450-212	4/19/2021	N	Xylenes, total	620		ug/m3	Y	13
KAFB-106129-450	SV129-450-212	4/19/2021	N	Ethyl acetate	< 61	U	ug/m3	N	26
KAFB-106129-450	SV129-450-212	4/19/2021	N	n-Heptane	520		ug/m3	Y	8
KAFB-106129-450	SV129-450-212	4/19/2021	N	m- & p-Xylenes	380		ug/m3	Y	13
KAFB-106129-450	SV129-450-212	4/19/2021	N	Carbon tetrachloride	< 16	U	ug/m3	N	7
KAFB-106129-450	SV129-450-212	4/19/2021	N	2-Hexanone	< 16	U	ug/m3	N	6.2
KAFB-106129-450	SV129-450-212	4/19/2021	N	Ethanol	< 78	U	ug/m3	N	35
KAFB-106129-450	SV129-450-212	4/19/2021	N	Isopropyl alcohol	67	J	ug/m3	Y	21
KAFB-106129-450	SV129-450-212	4/19/2021	N	Acetone	< 260	U	ug/m3	N	110
KAFB-106129-450	SV129-450-212	4/19/2021	N	Chloroform	< 16	U	ug/m3	N	6.7
KAFB-106129-450	SV129-450-212	4/19/2021	N	Benzene	1900		ug/m3	Y	7.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	Chloromethane	49		ug/m3	Y	8.1
KAFB-106129-450	SV129-450-212	4/19/2021	N	Chloroethane	7.5	J	ug/m3	Y	6.2
KAFB-106129-450	SV129-450-212	4/19/2021	N	Vinyl chloride	8.9	J	ug/m3	Y	5.4
KAFB-106129-450	SV129-450-212	4/19/2021	N	Methylene chloride	< 30	U	ug/m3	N	14
KAFB-106129-450	SV129-450-212	4/19/2021	N	Carbon disulfide	260		ug/m3	Y	15
KAFB-106129-450	SV129-450-212	4/19/2021	N	Bromoform	< 30	U	ug/m3	N	10

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106129-450	SV129-450-212	4/19/2021	N	Bromodichloromethane	< 16	U	ug/m3	N	7.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,1-Dichloroethane	< 31	U	ug/m3	N	7.4
KAFB-106129-450	SV129-450-212	4/19/2021	N	Trichlorofluoromethane	< 30	U	ug/m3	N	7.7
KAFB-106129-450	SV129-450-212	4/19/2021	N	Dichlorodifluoromethane	11	J	ug/m3	Y	8.2
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 16	U	ug/m3	N	7.2
KAFB-106129-450	SV129-450-212	4/19/2021	N	2-Butanone	48	J	ug/m3	Y	10
KAFB-106129-450	SV129-450-212	4/19/2021	N	Trichloroethene	13	J	ug/m3	Y	6.8
KAFB-106129-450	SV129-450-212	4/19/2021	N	Naphthalene	< 29	U	ug/m3	N	12
KAFB-106129-450	SV129-450-212	4/19/2021	N	o-Xylene	230		ug/m3	Y	7.3
KAFB-106129-450	SV129-450-212	4/19/2021	N	1,2,4-Trimethylbenzene	42	J	ug/m3	Y	7
KAFB-106130-025	SV130-025-212	4/20/2021	N	Ethylbenzene	5.5		ug/m3	Y	0.32
KAFB-106130-025	SV130-025-212	4/20/2021	N	Styrene	< 1.3	U	ug/m3	N	0.36
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,2-Dibromoethane	< 0.71	U	ug/m3	N	0.26
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,3-Butadiene	< 1.3	U	ug/m3	N	0.37
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,2-Dichloroethane	< 0.71	U	ug/m3	N	0.25
KAFB-106130-025	SV130-025-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.71	U	ug/m3	N	0.31
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,3,5-Trimethylbenzene	14		ug/m3	Y	0.32
KAFB-106130-025	SV130-025-212	4/20/2021	N	Toluene	8.2		ug/m3	Y	0.27
KAFB-106130-025	SV130-025-212	4/20/2021	N	Tetrahydrofuran	< 0.71	U	ug/m3	N	0.28
KAFB-106130-025	SV130-025-212	4/20/2021	N	Hexane	0.84	J	ug/m3	Y	0.46
KAFB-106130-025	SV130-025-212	4/20/2021	N	Cyclohexane	0.69	J	ug/m3	Y	0.63
KAFB-106130-025	SV130-025-212	4/20/2021	N	Propylene (propene)	3.1		ug/m3	Y	0.55
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.3	U	ug/m3	N	0.55
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,4-Dioxane	< 0.71	U	ug/m3	N	0.26
KAFB-106130-025	SV130-025-212	4/20/2021	N	Dibromochloromethane	< 0.71	U	ug/m3	N	0.29
KAFB-106130-025	SV130-025-212	4/20/2021	N	Tetrachloroethene	2.3		ug/m3	Y	0.29
KAFB-106130-025	SV130-025-212	4/20/2021	N	Xylenes, total	42		ug/m3	Y	0.59
KAFB-106130-025	SV130-025-212	4/20/2021	N	Ethyl acetate	< 2.7	U	ug/m3	N	1.2
KAFB-106130-025	SV130-025-212	4/20/2021	N	n-Heptane	1.9	J	ug/m3	Y	0.36
KAFB-106130-025	SV130-025-212	4/20/2021	N	m- & p-Xylenes	31		ug/m3	Y	0.59
KAFB-106130-025	SV130-025-212	4/20/2021	N	Carbon tetrachloride	0.81	J	ug/m3	Y	0.31
KAFB-106130-025	SV130-025-212	4/20/2021	N	2-Hexanone	1.2	J	ug/m3	Y	0.28
KAFB-106130-025	SV130-025-212	4/20/2021	N	Ethanol	24		ug/m3	Y	1.6
KAFB-106130-025	SV130-025-212	4/20/2021	N	Isopropyl alcohol	17		ug/m3	Y	0.92
KAFB-106130-025	SV130-025-212	4/20/2021	N	Acetone	11	J	ug/m3	Y	5
KAFB-106130-025	SV130-025-212	4/20/2021	N	Chloroform	0.78	J	ug/m3	Y	0.3
KAFB-106130-025	SV130-025-212	4/20/2021	N	Benzene	1.2	J	ug/m3	Y	0.32
KAFB-106130-025	SV130-025-212	4/20/2021	N	Chloromethane	< 1.3	U	ug/m3	N	0.36
KAFB-106130-025	SV130-025-212	4/20/2021	N	Chloroethane	< 1.3	U	ug/m3	N	0.28
KAFB-106130-025	SV130-025-212	4/20/2021	N	Vinyl chloride	< 0.71	U	ug/m3	N	0.24
KAFB-106130-025	SV130-025-212	4/20/2021	N	Methylene chloride	< 1.3	U	ug/m3	N	0.63
KAFB-106130-025	SV130-025-212	4/20/2021	N	Carbon disulfide	1.3	J	ug/m3	Y	0.67
KAFB-106130-025	SV130-025-212	4/20/2021	N	Bromoform	< 1.3	U	ug/m3	N	0.46
KAFB-106130-025	SV130-025-212	4/20/2021	N	Bromodichloromethane	< 0.71	U	ug/m3	N	0.32
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106130-025	SV130-025-212	4/20/2021	N	Trichlorofluoromethane	1.1	J	ug/m3	Y	0.34
KAFB-106130-025	SV130-025-212	4/20/2021	N	Dichlorodifluoromethane	2.7		ug/m3	Y	0.37
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2.5		ug/m3	Y	0.32
KAFB-106130-025	SV130-025-212	4/20/2021	N	2-Butanone	6.2		ug/m3	Y	0.46
KAFB-106130-025	SV130-025-212	4/20/2021	N	Trichloroethene	3.7		ug/m3	Y	0.3
KAFB-106130-025	SV130-025-212	4/20/2021	N	Naphthalene	13		ug/m3	Y	0.55
KAFB-106130-025	SV130-025-212	4/20/2021	N	o-Xylene	10		ug/m3	Y	0.32
KAFB-106130-025	SV130-025-212	4/20/2021	N	1,2,4-Trimethylbenzene	59		ug/m3	Y	0.31
KAFB-106130-050	SV130-050-212	4/20/2021	N	Ethylbenzene	1.6	J	ug/m3	Y	0.27
KAFB-106130-050	SV130-050-212	4/20/2021	N	Styrene	< 1.2	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,2-Dibromoethane	< 0.61	U	ug/m3	N	0.22
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,3-Butadiene	< 1.2	U	ug/m3	N	0.32
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,2-Dichloroethane	< 0.61	U	ug/m3	N	0.21
KAFB-106130-050	SV130-050-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.61	U	ug/m3	N	0.26
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,3,5-Trimethylbenzene	4.1		ug/m3	Y	0.28
KAFB-106130-050	SV130-050-212	4/20/2021	N	Toluene	2.9		ug/m3	Y	0.23
KAFB-106130-050	SV130-050-212	4/20/2021	N	Tetrahydrofuran	13		ug/m3	Y	0.24
KAFB-106130-050	SV130-050-212	4/20/2021	N	Hexane	< 1.2	U	ug/m3	N	0.4
KAFB-106130-050	SV130-050-212	4/20/2021	N	Cyclohexane	< 1.2	U	ug/m3	N	0.54
KAFB-106130-050	SV130-050-212	4/20/2021	N	Propylene (propene)	49		ug/m3	Y	0.47
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.2	U	ug/m3	N	0.47
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,4-Dioxane	< 0.61	U	ug/m3	N	0.23
KAFB-106130-050	SV130-050-212	4/20/2021	N	Dibromochloromethane	< 0.61	U	ug/m3	N	0.25
KAFB-106130-050	SV130-050-212	4/20/2021	N	Tetrachloroethene	2.4		ug/m3	Y	0.25
KAFB-106130-050	SV130-050-212	4/20/2021	N	Xylenes, total	12		ug/m3	Y	0.5
KAFB-106130-050	SV130-050-212	4/20/2021	N	Ethyl acetate	3.3	J	ug/m3	Y	1
KAFB-106130-050	SV130-050-212	4/20/2021	N	n-Heptane	0.61	J	ug/m3	Y	0.31
KAFB-106130-050	SV130-050-212	4/20/2021	N	m- & p-Xylenes	9.1		ug/m3	Y	0.5
KAFB-106130-050	SV130-050-212	4/20/2021	N	Carbon tetrachloride	1.1	J	ug/m3	Y	0.27
KAFB-106130-050	SV130-050-212	4/20/2021	N	2-Hexanone	0.71	J	ug/m3	Y	0.24
KAFB-106130-050	SV130-050-212	4/20/2021	N	Ethanol	31		ug/m3	Y	1.3
KAFB-106130-050	SV130-050-212	4/20/2021	N	Isopropyl alcohol	350		ug/m3	Y	0.79
KAFB-106130-050	SV130-050-212	4/20/2021	N	Acetone	15	J	ug/m3	Y	4.3
KAFB-106130-050	SV130-050-212	4/20/2021	N	Chloroform	0.94	J	ug/m3	Y	0.26
KAFB-106130-050	SV130-050-212	4/20/2021	N	Benzene	0.63	J	ug/m3	Y	0.28
KAFB-106130-050	SV130-050-212	4/20/2021	N	Chloromethane	0.43	J	ug/m3	Y	0.31
KAFB-106130-050	SV130-050-212	4/20/2021	N	Chloroethane	< 1.2	U	ug/m3	N	0.24
KAFB-106130-050	SV130-050-212	4/20/2021	N	Vinyl chloride	< 0.61	U	ug/m3	N	0.21
KAFB-106130-050	SV130-050-212	4/20/2021	N	Methylene chloride	0.73	J	ug/m3	Y	0.54
KAFB-106130-050	SV130-050-212	4/20/2021	N	Carbon disulfide	0.92	J	ug/m3	Y	0.58
KAFB-106130-050	SV130-050-212	4/20/2021	N	Bromoform	< 1.2	U	ug/m3	N	0.4
KAFB-106130-050	SV130-050-212	4/20/2021	N	Bromodichloromethane	< 0.61	U	ug/m3	N	0.28
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,1-Dichloroethane	< 1.2	U	ug/m3	N	0.28
KAFB-106130-050	SV130-050-212	4/20/2021	N	Trichlorofluoromethane	1.2	J	ug/m3	Y	0.29
KAFB-106130-050	SV130-050-212	4/20/2021	N	Dichlorodifluoromethane	3.4		ug/m3	Y	0.31
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	4		ug/m3	Y	0.27
KAFB-106130-050	SV130-050-212	4/20/2021	N	2-Butanone	5.9		ug/m3	Y	0.4
KAFB-106130-050	SV130-050-212	4/20/2021	N	Trichloroethene	4.8		ug/m3	Y	0.26
KAFB-106130-050	SV130-050-212	4/20/2021	N	Naphthalene	4.7		ug/m3	Y	0.47
KAFB-106130-050	SV130-050-212	4/20/2021	N	o-Xylene	3.1		ug/m3	Y	0.28
KAFB-106130-050	SV130-050-212	4/20/2021	N	1,2,4-Trimethylbenzene	17		ug/m3	Y	0.27
KAFB-106130-150	SV130-150-212	4/20/2021	N	Ethylbenzene	3.8	J	ug/m3	Y	1.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	Styrene	< 6.2	U	ug/m3	N	1.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,2-Dibromoethane	< 3.3	U	ug/m3	N	1.2
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,3-Butadiene	< 6.2	U	ug/m3	N	1.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,2-Dichloroethane	< 3.3	U	ug/m3	N	1.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	4-Methyl-2-pentanone	< 3.3	U	ug/m3	N	1.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,3,5-Trimethylbenzene	3.8	J	ug/m3	Y	1.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	Toluene	16		ug/m3	Y	1.3
KAFB-106130-150	SV130-150-212	4/20/2021	N	Tetrahydrofuran	2	J	ug/m3	Y	1.3
KAFB-106130-150	SV130-150-212	4/20/2021	N	Hexane	160		ug/m3	Y	2.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	Cyclohexane	18	J	ug/m3	Y	2.9
KAFB-106130-150	SV130-150-212	4/20/2021	N	Propylene (propene)	1400		ug/m3	Y	2.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 6.2	U	ug/m3	N	2.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,4-Dioxane	< 3.3	U	ug/m3	N	1.2

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106130-150	SV130-150-212	4/20/2021	N	Dibromochloromethane	< 3.3	U	ug/m3	N	1.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	Tetrachloroethene	7.6	J	ug/m3	Y	1.3
KAFB-106130-150	SV130-150-212	4/20/2021	N	Xylenes, total	21		ug/m3	Y	2.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	Ethyl acetate	< 13	U	ug/m3	N	5.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	n-Heptane	64		ug/m3	Y	1.6
KAFB-106130-150	SV130-150-212	4/20/2021	N	m- & p-Xylenes	14	J	ug/m3	Y	2.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	Carbon tetrachloride	< 3.3	U	ug/m3	N	1.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	2-Hexanone	< 3.3	U	ug/m3	N	1.3
KAFB-106130-150	SV130-150-212	4/20/2021	N	Ethanol	27	J	ug/m3	Y	7.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	Isopropyl alcohol	< 12	U	ug/m3	N	4.2
KAFB-106130-150	SV130-150-212	4/20/2021	N	Acetone	< 52	U	ug/m3	N	23
KAFB-106130-150	SV130-150-212	4/20/2021	N	Chloroform	< 3.3	U	ug/m3	N	1.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	Benzene	7.1	J	ug/m3	Y	1.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	Chloromethane	< 6.2	U	ug/m3	N	1.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	Chloroethane	< 6.2	U	ug/m3	N	1.3
KAFB-106130-150	SV130-150-212	4/20/2021	N	Vinyl chloride	< 3.3	U	ug/m3	N	1.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	Methylene chloride	< 6.2	U	ug/m3	N	2.9
KAFB-106130-150	SV130-150-212	4/20/2021	N	Carbon disulfide	4.4	J	ug/m3	Y	3.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	Bromoform	< 6.2	U	ug/m3	N	2.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	Bromodichloromethane	< 3.3	U	ug/m3	N	1.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,1-Dichloroethane	< 6.4	U	ug/m3	N	1.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	Trichlorofluoromethane	< 6.2	U	ug/m3	N	1.6
KAFB-106130-150	SV130-150-212	4/20/2021	N	Dichlorodifluoromethane	4.7	J	ug/m3	Y	1.7
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	J	ug/m3	Y	1.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	2-Butanone	9.8	J	ug/m3	Y	2.1
KAFB-106130-150	SV130-150-212	4/20/2021	N	Trichloroethene	3.6	J	ug/m3	Y	1.4
KAFB-106130-150	SV130-150-212	4/20/2021	N	Naphthalene	4.3	J	ug/m3	Y	2.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	o-Xylene	6.5	J	ug/m3	Y	1.5
KAFB-106130-150	SV130-150-212	4/20/2021	N	1,2,4-Trimethylbenzene	14		ug/m3	Y	1.4
KAFB-106130-250	SV130-250-212	4/20/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.35
KAFB-106130-250	SV130-250-212	4/20/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106130-250	SV130-250-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,3,5-Trimethylbenzene	2.6		ug/m3	Y	0.36
KAFB-106130-250	SV130-250-212	4/20/2021	N	Toluene	2.6		ug/m3	Y	0.3
KAFB-106130-250	SV130-250-212	4/20/2021	N	Tetrahydrofuran	1.9	J	ug/m3	Y	0.31
KAFB-106130-250	SV130-250-212	4/20/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106130-250	SV130-250-212	4/20/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106130-250	SV130-250-212	4/20/2021	N	Propylene (propene)	3.5		ug/m3	Y	0.6
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
KAFB-106130-250	SV130-250-212	4/20/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.32
KAFB-106130-250	SV130-250-212	4/20/2021	N	Tetrachloroethene	7.9		ug/m3	Y	0.32
KAFB-106130-250	SV130-250-212	4/20/2021	N	Xylenes, total	8.9		ug/m3	Y	0.65
KAFB-106130-250	SV130-250-212	4/20/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106130-250	SV130-250-212	4/20/2021	N	n-Heptane	0.52	J	ug/m3	Y	0.39
KAFB-106130-250	SV130-250-212	4/20/2021	N	m- & p-Xylenes	6.7		ug/m3	Y	0.65
KAFB-106130-250	SV130-250-212	4/20/2021	N	Carbon tetrachloride	1.2	J	ug/m3	Y	0.34
KAFB-106130-250	SV130-250-212	4/20/2021	N	2-Hexanone	1.4	J	ug/m3	Y	0.31
KAFB-106130-250	SV130-250-212	4/20/2021	N	Ethanol	43		ug/m3	Y	1.7
KAFB-106130-250	SV130-250-212	4/20/2021	N	Isopropyl alcohol	18		ug/m3	Y	1
KAFB-106130-250	SV130-250-212	4/20/2021	N	Acetone	14	J	ug/m3	Y	5.6
KAFB-106130-250	SV130-250-212	4/20/2021	N	Chloroform	0.38	J	ug/m3	Y	0.33

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106130-250	SV130-250-212	4/20/2021	N	Benzene	0.61	J	ug/m3	Y	0.36
KAFB-106130-250	SV130-250-212	4/20/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106130-250	SV130-250-212	4/20/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106130-250	SV130-250-212	4/20/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.26
KAFB-106130-250	SV130-250-212	4/20/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106130-250	SV130-250-212	4/20/2021	N	Carbon disulfide	8.8		ug/m3	Y	0.74
KAFB-106130-250	SV130-250-212	4/20/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106130-250	SV130-250-212	4/20/2021	N	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106130-250	SV130-250-212	4/20/2021	N	Trichlorofluoromethane	0.86	J	ug/m3	Y	0.37
KAFB-106130-250	SV130-250-212	4/20/2021	N	Dichlorodifluoromethane	2.3	J	ug/m3	Y	0.4
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8		ug/m3	Y	0.35
KAFB-106130-250	SV130-250-212	4/20/2021	N	2-Butanone	11		ug/m3	Y	0.51
KAFB-106130-250	SV130-250-212	4/20/2021	N	Trichloroethene	16		ug/m3	Y	0.33
KAFB-106130-250	SV130-250-212	4/20/2021	N	Naphthalene	2.9		ug/m3	Y	0.6
KAFB-106130-250	SV130-250-212	4/20/2021	N	o-Xylene	2.2	J	ug/m3	Y	0.36
KAFB-106130-250	SV130-250-212	4/20/2021	N	1,2,4-Trimethylbenzene	11		ug/m3	Y	0.34
KAFB-106130-350	SV130-350-212	4/20/2021	N	Ethylbenzene	0.77	J	ug/m3	Y	0.33
KAFB-106130-350	SV130-350-212	4/20/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,2-Dibromoethane	< 0.76	U	ug/m3	N	0.28
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,2-Dichloroethane	< 0.76	U	ug/m3	N	0.26
KAFB-106130-350	SV130-350-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.76	U	ug/m3	N	0.32
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,3,5-Trimethylbenzene	1.4	J	ug/m3	Y	0.34
KAFB-106130-350	SV130-350-212	4/20/2021	N	Toluene	5.1		ug/m3	Y	0.29
KAFB-106130-350	SV130-350-212	4/20/2021	N	Tetrahydrofuran	5.6		ug/m3	Y	0.3
KAFB-106130-350	SV130-350-212	4/20/2021	N	Hexane	< 1.4	U	ug/m3	N	0.49
KAFB-106130-350	SV130-350-212	4/20/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.67
KAFB-106130-350	SV130-350-212	4/20/2021	N	Propylene (propene)	1.5	J	ug/m3	Y	0.58
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.58
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,4-Dioxane	< 0.76	U	ug/m3	N	0.28
KAFB-106130-350	SV130-350-212	4/20/2021	N	Dibromochloromethane	< 0.76	U	ug/m3	N	0.31
KAFB-106130-350	SV130-350-212	4/20/2021	N	Tetrachloroethene	1.6	J	ug/m3	Y	0.31
KAFB-106130-350	SV130-350-212	4/20/2021	N	Xylenes, total	4.9		ug/m3	Y	0.62
KAFB-106130-350	SV130-350-212	4/20/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.2
KAFB-106130-350	SV130-350-212	4/20/2021	N	n-Heptane	< 1.4	U	ug/m3	N	0.38
KAFB-106130-350	SV130-350-212	4/20/2021	N	m- & p-Xylenes	3.7	J	ug/m3	Y	0.62
KAFB-106130-350	SV130-350-212	4/20/2021	N	Carbon tetrachloride	1	J	ug/m3	Y	0.33
KAFB-106130-350	SV130-350-212	4/20/2021	N	2-Hexanone	0.61	J	ug/m3	Y	0.29
KAFB-106130-350	SV130-350-212	4/20/2021	N	Ethanol	23	J	ug/m3	Y	1.6
KAFB-106130-350	SV130-350-212	4/20/2021	N	Isopropyl alcohol	2.9	J	ug/m3	Y	0.98
KAFB-106130-350	SV130-350-212	4/20/2021	N	Acetone	9.6	J	ug/m3	Y	5.3
KAFB-106130-350	SV130-350-212	4/20/2021	N	Chloroform	0.6	J	ug/m3	Y	0.32
KAFB-106130-350	SV130-350-212	4/20/2021	N	Benzene	1.6	J	ug/m3	Y	0.34
KAFB-106130-350	SV130-350-212	4/20/2021	N	Chloromethane	0.63	J	ug/m3	Y	0.38
KAFB-106130-350	SV130-350-212	4/20/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106130-350	SV130-350-212	4/20/2021	N	Vinyl chloride	< 0.76	U	ug/m3	N	0.25
KAFB-106130-350	SV130-350-212	4/20/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.67
KAFB-106130-350	SV130-350-212	4/20/2021	N	Carbon disulfide	17		ug/m3	Y	0.71
KAFB-106130-350	SV130-350-212	4/20/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.49
KAFB-106130-350	SV130-350-212	4/20/2021	N	Bromodichloromethane	< 0.76	U	ug/m3	N	0.34
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.35
KAFB-106130-350	SV130-350-212	4/20/2021	N	Trichlorofluoromethane	0.93	J	ug/m3	Y	0.36
KAFB-106130-350	SV130-350-212	4/20/2021	N	Dichlorodifluoromethane	2.6		ug/m3	Y	0.39
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	J	ug/m3	Y	0.34

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106130-350	SV130-350-212	4/20/2021	N	2-Butanone	6.6		ug/m3	Y	0.49
KAFB-106130-350	SV130-350-212	4/20/2021	N	Trichloroethene	3.6		ug/m3	Y	0.32
KAFB-106130-350	SV130-350-212	4/20/2021	N	Naphthalene	1.7	J	ug/m3	Y	0.58
KAFB-106130-350	SV130-350-212	4/20/2021	N	o-Xylene	1.2	J	ug/m3	Y	0.34
KAFB-106130-350	SV130-350-212	4/20/2021	N	1,2,4-Trimethylbenzene	5.8		ug/m3	Y	0.33
KAFB-106130-450	SV130-450-212	4/20/2021	N	Ethylbenzene	59	J	ug/m3	Y	15
KAFB-106130-450	SV130-450-212	4/20/2021	N	Styrene	< 66	U	ug/m3	N	18
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,2-Dibromoethane	< 35	U	ug/m3	N	13
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,3-Butadiene	< 66	U	ug/m3	N	18
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,2-Dichloroethane	< 35	U	ug/m3	N	12
KAFB-106130-450	SV130-450-212	4/20/2021	N	4-Methyl-2-pentanone	< 35	U	ug/m3	N	15
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,3,5-Trimethylbenzene	19	J	ug/m3	Y	16
KAFB-106130-450	SV130-450-212	4/20/2021	N	Toluene	1300		ug/m3	Y	13
KAFB-106130-450	SV130-450-212	4/20/2021	N	Tetrahydrofuran	20	J	ug/m3	Y	14
KAFB-106130-450	SV130-450-212	4/20/2021	N	Hexane	350		ug/m3	Y	23
KAFB-106130-450	SV130-450-212	4/20/2021	N	Cyclohexane	1300		ug/m3	Y	31
KAFB-106130-450	SV130-450-212	4/20/2021	N	Propylene (propene)	150		ug/m3	Y	27
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 66	U	ug/m3	N	27
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,4-Dioxane	< 35	U	ug/m3	N	13
KAFB-106130-450	SV130-450-212	4/20/2021	N	Dibromochloromethane	< 35	U	ug/m3	N	14
KAFB-106130-450	SV130-450-212	4/20/2021	N	Tetrachloroethene	17	J	ug/m3	Y	14
KAFB-106130-450	SV130-450-212	4/20/2021	N	Xylenes, total	240		ug/m3	Y	29
KAFB-106130-450	SV130-450-212	4/20/2021	N	Ethyl acetate	< 130	U	ug/m3	N	57
KAFB-106130-450	SV130-450-212	4/20/2021	N	n-Heptane	200		ug/m3	Y	17
KAFB-106130-450	SV130-450-212	4/20/2021	N	m- & p-Xylenes	170	J	ug/m3	Y	29
KAFB-106130-450	SV130-450-212	4/20/2021	N	Carbon tetrachloride	< 35	U	ug/m3	N	15
KAFB-106130-450	SV130-450-212	4/20/2021	N	2-Hexanone	< 35	U	ug/m3	N	14
KAFB-106130-450	SV130-450-212	4/20/2021	N	Ethanol	990	J	ug/m3	Y	76
KAFB-106130-450	SV130-450-212	4/20/2021	N	Isopropyl alcohol	80	J	ug/m3	Y	45
KAFB-106130-450	SV130-450-212	4/20/2021	N	Acetone	< 550	U	ug/m3	N	250
KAFB-106130-450	SV130-450-212	4/20/2021	N	Chloroform	< 35	U	ug/m3	N	15
KAFB-106130-450	SV130-450-212	4/20/2021	N	Benzene	2600		ug/m3	Y	16
KAFB-106130-450	SV130-450-212	4/20/2021	N	Chloromethane	27	J	ug/m3	Y	18
KAFB-106130-450	SV130-450-212	4/20/2021	N	Chloroethane	< 66	U	ug/m3	N	14
KAFB-106130-450	SV130-450-212	4/20/2021	N	Vinyl chloride	< 35	U	ug/m3	N	12
KAFB-106130-450	SV130-450-212	4/20/2021	N	Methylene chloride	67	J	ug/m3	Y	31
KAFB-106130-450	SV130-450-212	4/20/2021	N	Carbon disulfide	94	J	ug/m3	Y	33
KAFB-106130-450	SV130-450-212	4/20/2021	N	Bromoform	< 66	U	ug/m3	N	23
KAFB-106130-450	SV130-450-212	4/20/2021	N	Bromodichloromethane	< 35	U	ug/m3	N	16
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,1-Dichloroethane	< 68	U	ug/m3	N	16
KAFB-106130-450	SV130-450-212	4/20/2021	N	Trichlorofluoromethane	< 66	U	ug/m3	N	17
KAFB-106130-450	SV130-450-212	4/20/2021	N	Dichlorodifluoromethane	24	J	ug/m3	Y	18
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	65	J	ug/m3	Y	16
KAFB-106130-450	SV130-450-212	4/20/2021	N	2-Butanone	66	J	ug/m3	Y	23
KAFB-106130-450	SV130-450-212	4/20/2021	N	Trichloroethene	19	J	ug/m3	Y	15
KAFB-106130-450	SV130-450-212	4/20/2021	N	Naphthalene	< 64	U	ug/m3	N	27
KAFB-106130-450	SV130-450-212	4/20/2021	N	o-Xylene	66	J	ug/m3	Y	16
KAFB-106130-450	SV130-450-212	4/20/2021	N	1,2,4-Trimethylbenzene	19	J	ug/m3	Y	15
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Ethylbenzene	62		ug/m3	Y	6.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Styrene	< 27	U	ug/m3	N	7.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,2-Dibromoethane	< 14	U	ug/m3	N	5.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,3-Butadiene	< 27	U	ug/m3	N	7.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,2-Dichloroethane	< 14	U	ug/m3	N	4.9
KAFB-106130-450	SV130-450-612	4/20/2021	FD	4-Methyl-2-pentanone	19	J	ug/m3	Y	6.1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,3,5-Trimethylbenzene	12	J	ug/m3	Y	6.4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Toluene	1300		ug/m3	Y	5.4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Tetrahydrofuran	21	J	ug/m3	Y	5.6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Hexane	320		ug/m3	Y	9.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Cyclohexane	870		ug/m3	Y	13
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Propylene (propene)	34	J	ug/m3	Y	11
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,2,4-Trichlorobenzene	< 27	U	ug/m3	N	11
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,4-Dioxane	< 14	U	ug/m3	N	5.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Dibromochloromethane	< 14	U	ug/m3	N	5.8
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Tetrachloroethene	< 14	U	ug/m3	N	5.8
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Xylenes, total	200		ug/m3	Y	12
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Ethyl acetate	< 54	U	ug/m3	N	23
KAFB-106130-450	SV130-450-612	4/20/2021	FD	n-Heptane	130		ug/m3	Y	7.1
KAFB-106130-450	SV130-450-612	4/20/2021	FD	m- & p-Xylenes	160		ug/m3	Y	12
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Carbon tetrachloride	< 14	U	ug/m3	N	6.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	2-Hexanone	< 14	U	ug/m3	N	5.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Ethanol	45	J	ug/m3	Y	31
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Isopropyl alcohol	33	J	ug/m3	Y	18
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Acetone	< 230	U	ug/m3	N	100
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Chloroform	< 14	U	ug/m3	N	5.9
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Benzene	2000		ug/m3	Y	6.4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Chloromethane	31	J	ug/m3	Y	7.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Chloroethane	< 27	U	ug/m3	N	5.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Vinyl chloride	5.1	J	ug/m3	Y	4.8
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Methylene chloride	< 27	U	ug/m3	N	13
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Carbon disulfide	110		ug/m3	Y	13
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Bromoform	< 27	U	ug/m3	N	9.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Bromodichloromethane	< 14	U	ug/m3	N	6.4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,1-Dichloroethane	< 28	U	ug/m3	N	6.5
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Trichlorofluoromethane	< 27	U	ug/m3	N	6.8
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Dichlorodifluoromethane	< 27	U	ug/m3	N	7.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	< 14	U	ug/m3	N	6.3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	2-Butanone	83	J	ug/m3	Y	9.2
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Trichloroethene	18	J	ug/m3	Y	6
KAFB-106130-450	SV130-450-612	4/20/2021	FD	Naphthalene	< 26	U	ug/m3	N	11
KAFB-106130-450	SV130-450-612	4/20/2021	FD	o-Xylene	45		ug/m3	Y	6.4
KAFB-106130-450	SV130-450-612	4/20/2021	FD	1,2,4-Trimethylbenzene	30	J	ug/m3	Y	6.2
KAFB-106108-025	SV108-025-212	4/19/2021	N	Ethylbenzene	< 0.75	U	ug/m3	N	0.33
KAFB-106108-025	SV108-025-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.38
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,2-Dibromoethane	< 0.75	U	ug/m3	N	0.27
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.39
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,2-Dichloroethane	< 0.75	U	ug/m3	N	0.26
KAFB-106108-025	SV108-025-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.75	U	ug/m3	N	0.32
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.75	U	ug/m3	N	0.34
KAFB-106108-025	SV108-025-212	4/19/2021	N	Toluene	0.34	J	ug/m3	Y	0.29
KAFB-106108-025	SV108-025-212	4/19/2021	N	Tetrahydrofuran	< 0.75	U	ug/m3	N	0.29
KAFB-106108-025	SV108-025-212	4/19/2021	N	Hexane	< 1.4	U	ug/m3	N	0.48
KAFB-106108-025	SV108-025-212	4/19/2021	N	Cyclohexane	< 1.5	U	ug/m3	N	0.66
KAFB-106108-025	SV108-025-212	4/19/2021	N	Propylene (propene)	7.1		ug/m3	Y	0.57
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.57
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,4-Dioxane	< 0.75	U	ug/m3	N	0.28
KAFB-106108-025	SV108-025-212	4/19/2021	N	Dibromochloromethane	< 0.75	U	ug/m3	N	0.31
KAFB-106108-025	SV108-025-212	4/19/2021	N	Tetrachloroethene	1.3	J	ug/m3	Y	0.3
KAFB-106108-025	SV108-025-212	4/19/2021	N	Xylenes, total	< 1.5	U	ug/m3	N	0.62
KAFB-106108-025	SV108-025-212	4/19/2021	N	Ethyl acetate	< 2.9	U	ug/m3	N	1.2
KAFB-106108-025	SV108-025-212	4/19/2021	N	n-Heptane	< 1.4	U	ug/m3	N	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106108-025	SV108-025-212	4/19/2021	N	m- & p-Xylenes	< 1.5	U	ug/m3	N	0.62
KAFB-106108-025	SV108-025-212	4/19/2021	N	Carbon tetrachloride	8.3		ug/m3	Y	0.33
KAFB-106108-025	SV108-025-212	4/19/2021	N	2-Hexanone	0.59	J	ug/m3	Y	0.29
KAFB-106108-025	SV108-025-212	4/19/2021	N	Ethanol	21	J	ug/m3	Y	1.6
KAFB-106108-025	SV108-025-212	4/19/2021	N	Isopropyl alcohol	58		ug/m3	Y	0.97
KAFB-106108-025	SV108-025-212	4/19/2021	N	Acetone	7.1	J	ug/m3	Y	5.3
KAFB-106108-025	SV108-025-212	4/19/2021	N	Chloroform	< 0.75	U	ug/m3	N	0.31
KAFB-106108-025	SV108-025-212	4/19/2021	N	Benzene	< 0.75	U	ug/m3	N	0.34
KAFB-106108-025	SV108-025-212	4/19/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.38
KAFB-106108-025	SV108-025-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106108-025	SV108-025-212	4/19/2021	N	Vinyl chloride	< 0.75	U	ug/m3	N	0.25
KAFB-106108-025	SV108-025-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.66
KAFB-106108-025	SV108-025-212	4/19/2021	N	Carbon disulfide	< 2.4	U	ug/m3	N	0.7
KAFB-106108-025	SV108-025-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106108-025	SV108-025-212	4/19/2021	N	Bromodichloromethane	< 0.75	U	ug/m3	N	0.34
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.34
KAFB-106108-025	SV108-025-212	4/19/2021	N	Trichlorofluoromethane	1.8	J	ug/m3	Y	0.36
KAFB-106108-025	SV108-025-212	4/19/2021	N	Dichlorodifluoromethane	3.8		ug/m3	Y	0.38
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	110		ug/m3	Y	0.33
KAFB-106108-025	SV108-025-212	4/19/2021	N	2-Butanone	4.9		ug/m3	Y	0.48
KAFB-106108-025	SV108-025-212	4/19/2021	N	Trichloroethene	< 0.75	U	ug/m3	N	0.32
KAFB-106108-025	SV108-025-212	4/19/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.57
KAFB-106108-025	SV108-025-212	4/19/2021	N	o-Xylene	< 0.75	U	ug/m3	N	0.34
KAFB-106108-025	SV108-025-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.75	U	ug/m3	N	0.33
KAFB-106108-050	SV108-050-212	4/19/2021	N	Ethylbenzene	< 0.86	U	ug/m3	N	0.38
KAFB-106108-050	SV108-050-212	4/19/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,2-Dibromoethane	< 0.86	U	ug/m3	N	0.31
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.86	U	ug/m3	N	0.3
KAFB-106108-050	SV108-050-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.86	U	ug/m3	N	0.37
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.86	U	ug/m3	N	0.39
KAFB-106108-050	SV108-050-212	4/19/2021	N	Toluene	< 0.86	U	ug/m3	N	0.33
KAFB-106108-050	SV108-050-212	4/19/2021	N	Tetrahydrofuran	< 0.86	U	ug/m3	N	0.34
KAFB-106108-050	SV108-050-212	4/19/2021	N	Hexane	< 1.6	U	ug/m3	N	0.56
KAFB-106108-050	SV108-050-212	4/19/2021	N	Cyclohexane	< 1.7	U	ug/m3	N	0.76
KAFB-106108-050	SV108-050-212	4/19/2021	N	Propylene (propene)	1.3	J	ug/m3	Y	0.66
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.66
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,4-Dioxane	< 0.86	U	ug/m3	N	0.32
KAFB-106108-050	SV108-050-212	4/19/2021	N	Dibromochloromethane	< 0.86	U	ug/m3	N	0.35
KAFB-106108-050	SV108-050-212	4/19/2021	N	Tetrachloroethene	4.2		ug/m3	Y	0.35
KAFB-106108-050	SV108-050-212	4/19/2021	N	Xylenes, total	< 1.7	U	ug/m3	N	0.71
KAFB-106108-050	SV108-050-212	4/19/2021	N	Ethyl acetate	< 3.3	U	ug/m3	N	1.4
KAFB-106108-050	SV108-050-212	4/19/2021	N	n-Heptane	< 1.6	U	ug/m3	N	0.43
KAFB-106108-050	SV108-050-212	4/19/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.71
KAFB-106108-050	SV108-050-212	4/19/2021	N	Carbon tetrachloride	42		ug/m3	Y	0.37
KAFB-106108-050	SV108-050-212	4/19/2021	N	2-Hexanone	0.59	J	ug/m3	Y	0.33
KAFB-106108-050	SV108-050-212	4/19/2021	N	Ethanol	16	J	ug/m3	Y	1.9
KAFB-106108-050	SV108-050-212	4/19/2021	N	Isopropyl alcohol	1.5	J	ug/m3	Y	1.1
KAFB-106108-050	SV108-050-212	4/19/2021	N	Acetone	< 14	U	ug/m3	N	6.1
KAFB-106108-050	SV108-050-212	4/19/2021	N	Chloroform	0.78	J	ug/m3	Y	0.36
KAFB-106108-050	SV108-050-212	4/19/2021	N	Benzene	< 0.86	U	ug/m3	N	0.39
KAFB-106108-050	SV108-050-212	4/19/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106108-050	SV108-050-212	4/19/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106108-050	SV108-050-212	4/19/2021	N	Vinyl chloride	< 0.86	U	ug/m3	N	0.29
KAFB-106108-050	SV108-050-212	4/19/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.76

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106108-050	SV108-050-212	4/19/2021	N	Carbon disulfide	< 2.7	U	ug/m3	N	0.81
KAFB-106108-050	SV108-050-212	4/19/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.56
KAFB-106108-050	SV108-050-212	4/19/2021	N	Bromodichloromethane	< 0.86	U	ug/m3	N	0.39
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.7	U	ug/m3	N	0.39
KAFB-106108-050	SV108-050-212	4/19/2021	N	Trichlorofluoromethane	4.2		ug/m3	Y	0.41
KAFB-106108-050	SV108-050-212	4/19/2021	N	Dichlorodifluoromethane	9.3		ug/m3	Y	0.44
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	400		ug/m3	Y	0.38
KAFB-106108-050	SV108-050-212	4/19/2021	N	2-Butanone	5.4		ug/m3	Y	0.56
KAFB-106108-050	SV108-050-212	4/19/2021	N	Trichloroethene	< 0.86	U	ug/m3	N	0.36
KAFB-106108-050	SV108-050-212	4/19/2021	N	Naphthalene	< 1.6	U	ug/m3	N	0.66
KAFB-106108-050	SV108-050-212	4/19/2021	N	o-Xylene	< 0.86	U	ug/m3	N	0.39
KAFB-106108-050	SV108-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.86	U	ug/m3	N	0.37
KAFB-106108-150	SV108-150-212	4/19/2021	N	Ethylbenzene	< 63	U	ug/m3	N	28
KAFB-106108-150	SV108-150-212	4/19/2021	N	Styrene	< 120	U	ug/m3	N	32
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,2-Dibromoethane	< 63	U	ug/m3	N	23
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,3-Butadiene	< 120	U	ug/m3	N	33
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,2-Dichloroethane	< 63	U	ug/m3	N	22
KAFB-106108-150	SV108-150-212	4/19/2021	N	4-Methyl-2-pentanone	330	J	ug/m3	Y	27
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,3,5-Trimethylbenzene	62	J	ug/m3	Y	28
KAFB-106108-150	SV108-150-212	4/19/2021	N	Toluene	290		ug/m3	Y	24
KAFB-106108-150	SV108-150-212	4/19/2021	N	Tetrahydrofuran	< 63	U	ug/m3	N	25
KAFB-106108-150	SV108-150-212	4/19/2021	N	Propylene (propene)	990		ug/m3	Y	48
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 120	U	ug/m3	N	48
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,4-Dioxane	< 63	U	ug/m3	N	23
KAFB-106108-150	SV108-150-212	4/19/2021	N	Dibromochloromethane	< 63	U	ug/m3	N	26
KAFB-106108-150	SV108-150-212	4/19/2021	N	Tetrachloroethene	45	J	ug/m3	Y	26
KAFB-106108-150	SV108-150-212	4/19/2021	N	Xylenes, total	200	J	ug/m3	Y	52
KAFB-106108-150	SV108-150-212	4/19/2021	N	Ethyl acetate	< 240	U	ug/m3	N	100
KAFB-106108-150	SV108-150-212	4/19/2021	N	n-Heptane	25000		ug/m3	Y	31
KAFB-106108-150	SV108-150-212	4/19/2021	N	m- & p-Xylenes	< 130	U	ug/m3	N	52
KAFB-106108-150	SV108-150-212	4/19/2021	N	Carbon tetrachloride	54	J	ug/m3	Y	27
KAFB-106108-150	SV108-150-212	4/19/2021	N	2-Hexanone	< 63	U	ug/m3	N	24
KAFB-106108-150	SV108-150-212	4/19/2021	N	Ethanol	< 310	U	ug/m3	N	140
KAFB-106108-150	SV108-150-212	4/19/2021	N	Isopropyl alcohol	< 230	U	ug/m3	N	81
KAFB-106108-150	SV108-150-212	4/19/2021	N	Acetone	< 1000	U	ug/m3	N	440
KAFB-106108-150	SV108-150-212	4/19/2021	N	Chloroform	< 63	U	ug/m3	N	26
KAFB-106108-150	SV108-150-212	4/19/2021	N	Benzene	1000		ug/m3	Y	28
KAFB-106108-150	SV108-150-212	4/19/2021	N	Chloromethane	< 120	U	ug/m3	N	32
KAFB-106108-150	SV108-150-212	4/19/2021	N	Chloroethane	< 120	U	ug/m3	N	24
KAFB-106108-150	SV108-150-212	4/19/2021	N	Vinyl chloride	< 63	U	ug/m3	N	21
KAFB-106108-150	SV108-150-212	4/19/2021	N	Methylene chloride	< 120	U	ug/m3	N	56
KAFB-106108-150	SV108-150-212	4/19/2021	N	Carbon disulfide	< 200	U	ug/m3	N	59
KAFB-106108-150	SV108-150-212	4/19/2021	N	Bromoform	< 120	U	ug/m3	N	41
KAFB-106108-150	SV108-150-212	4/19/2021	N	Bromodichloromethane	< 63	U	ug/m3	N	28
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,1-Dichloroethane	< 120	U	ug/m3	N	29
KAFB-106108-150	SV108-150-212	4/19/2021	N	Trichlorofluoromethane	< 120	U	ug/m3	N	30
KAFB-106108-150	SV108-150-212	4/19/2021	N	Dichlorodifluoromethane	< 120	U	ug/m3	N	32
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	500		ug/m3	Y	28
KAFB-106108-150	SV108-150-212	4/19/2021	N	2-Butanone	< 120	U	ug/m3	N	41
KAFB-106108-150	SV108-150-212	4/19/2021	N	Trichloroethene	< 63	U	ug/m3	N	27
KAFB-106108-150	SV108-150-212	4/19/2021	N	Naphthalene	< 110	U	ug/m3	N	48
KAFB-106108-150	SV108-150-212	4/19/2021	N	o-Xylene	200		ug/m3	Y	28
KAFB-106108-150	SV108-150-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 63	U	ug/m3	N	27
KAFB-106108-150	SV108-150-212	4/19/2021	N	Hexane	110000		ug/m3	Y	200
KAFB-106108-150	SV108-150-212	4/19/2021	N	Cyclohexane	150000		ug/m3	Y	280

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106108-250	SV108-250-212	4/19/2021	N	Ethylbenzene	< 1600	U	ug/m3	N	690
KAFB-106108-250	SV108-250-212	4/19/2021	N	Styrene	< 2900	U	ug/m3	N	790
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,2-Dibromoethane	< 1600	U	ug/m3	N	570
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,3-Butadiene	< 2900	U	ug/m3	N	810
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,2-Dichloroethane	< 1600	U	ug/m3	N	540
KAFB-106108-250	SV108-250-212	4/19/2021	N	4-Methyl-2-pentanone	< 1600	U	ug/m3	N	670
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 1600	U	ug/m3	N	700
KAFB-106108-250	SV108-250-212	4/19/2021	N	Toluene	< 1600	U	ug/m3	N	590
KAFB-106108-250	SV108-250-212	4/19/2021	N	Tetrahydrofuran	< 1600	U	ug/m3	N	610
KAFB-106108-250	SV108-250-212	4/19/2021	N	Hexane	620000		ug/m3	Y	1000
KAFB-106108-250	SV108-250-212	4/19/2021	N	Cyclohexane	830000		ug/m3	Y	1400
KAFB-106108-250	SV108-250-212	4/19/2021	N	Propylene (propene)	6300		ug/m3	Y	1200
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 2900	U	ug/m3	N	1200
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,4-Dioxane	< 1600	U	ug/m3	N	580
KAFB-106108-250	SV108-250-212	4/19/2021	N	Dibromochloromethane	< 1600	U	ug/m3	N	640
KAFB-106108-250	SV108-250-212	4/19/2021	N	Tetrachloroethene	770	J	ug/m3	Y	630
KAFB-106108-250	SV108-250-212	4/19/2021	N	Xylenes, total	2000	J	ug/m3	Y	1300
KAFB-106108-250	SV108-250-212	4/19/2021	N	Ethyl acetate	< 5900	U	ug/m3	N	2600
KAFB-106108-250	SV108-250-212	4/19/2021	N	n-Heptane	150000		ug/m3	Y	780
KAFB-106108-250	SV108-250-212	4/19/2021	N	m- & p-Xylenes	< 3100	U	ug/m3	N	1300
KAFB-106108-250	SV108-250-212	4/19/2021	N	Carbon tetrachloride	< 1600	U	ug/m3	N	680
KAFB-106108-250	SV108-250-212	4/19/2021	N	2-Hexanone	< 1600	U	ug/m3	N	600
KAFB-106108-250	SV108-250-212	4/19/2021	N	Ethanol	4700	J	ug/m3	Y	3400
KAFB-106108-250	SV108-250-212	4/19/2021	N	Isopropyl alcohol	< 5800	U	ug/m3	N	2000
KAFB-106108-250	SV108-250-212	4/19/2021	N	Acetone	< 25000	U	ug/m3	N	11000
KAFB-106108-250	SV108-250-212	4/19/2021	N	Chloroform	< 1600	U	ug/m3	N	650
KAFB-106108-250	SV108-250-212	4/19/2021	N	Benzene	4200	J	ug/m3	Y	700
KAFB-106108-250	SV108-250-212	4/19/2021	N	Chloromethane	< 2900	U	ug/m3	N	790
KAFB-106108-250	SV108-250-212	4/19/2021	N	Chloroethane	< 2900	U	ug/m3	N	600
KAFB-106108-250	SV108-250-212	4/19/2021	N	Vinyl chloride	< 1600	U	ug/m3	N	520
KAFB-106108-250	SV108-250-212	4/19/2021	N	Methylene chloride	< 2900	U	ug/m3	N	1400
KAFB-106108-250	SV108-250-212	4/19/2021	N	Carbon disulfide	< 4900	U	ug/m3	N	1500
KAFB-106108-250	SV108-250-212	4/19/2021	N	Bromoform	< 2900	U	ug/m3	N	1000
KAFB-106108-250	SV108-250-212	4/19/2021	N	Bromodichloromethane	< 1600	U	ug/m3	N	700
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,1-Dichloroethane	< 3000	U	ug/m3	N	710
KAFB-106108-250	SV108-250-212	4/19/2021	N	Trichlorofluoromethane	< 2900	U	ug/m3	N	740
KAFB-106108-250	SV108-250-212	4/19/2021	N	Dichlorodifluoromethane	< 2900	U	ug/m3	N	800
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	1100	J	ug/m3	Y	700
KAFB-106108-250	SV108-250-212	4/19/2021	N	2-Butanone	< 2900	U	ug/m3	N	1000
KAFB-106108-250	SV108-250-212	4/19/2021	N	Trichloroethene	< 1600	U	ug/m3	N	660
KAFB-106108-250	SV108-250-212	4/19/2021	N	Naphthalene	< 2800	U	ug/m3	N	1200
KAFB-106108-250	SV108-250-212	4/19/2021	N	o-Xylene	2000	J	ug/m3	Y	700
KAFB-106108-250	SV108-250-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 1600	U	ug/m3	N	680
KAFB-106108-350	SV108-350-212	4/19/2021	N	Ethylbenzene	5.2	J	ug/m3	Y	2.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	Styrene	< 11	U	ug/m3	N	2.9
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,2-Dibromoethane	< 5.7	U	ug/m3	N	2.1
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,3-Butadiene	< 11	U	ug/m3	N	3
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,2-Dichloroethane	< 5.7	U	ug/m3	N	2
KAFB-106108-350	SV108-350-212	4/19/2021	N	4-Methyl-2-pentanone	< 5.7	U	ug/m3	N	2.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,3,5-Trimethylbenzene	2.6	J	ug/m3	Y	2.6
KAFB-106108-350	SV108-350-212	4/19/2021	N	Toluene	47		ug/m3	Y	2.2
KAFB-106108-350	SV108-350-212	4/19/2021	N	Tetrahydrofuran	3	J	ug/m3	Y	2.3
KAFB-106108-350	SV108-350-212	4/19/2021	N	Hexane	3500		ug/m3	Y	3.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Propylene (propene)	190		ug/m3	Y	4.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 11	U	ug/m3	N	4.4

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,4-Dioxane	< 5.7	U	ug/m3	N	2.1
KAFB-106108-350	SV108-350-212	4/19/2021	N	Dibromochloromethane	< 5.7	U	ug/m3	N	2.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	Tetrachloroethene	15	J	ug/m3	Y	2.3
KAFB-106108-350	SV108-350-212	4/19/2021	N	Xylenes, total	79		ug/m3	Y	4.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Ethyl acetate	< 22	U	ug/m3	N	9.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	n-Heptane	170		ug/m3	Y	2.9
KAFB-106108-350	SV108-350-212	4/19/2021	N	m- & p-Xylenes	20	J	ug/m3	Y	4.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Carbon tetrachloride	86		ug/m3	Y	2.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	2-Hexanone	< 5.7	U	ug/m3	N	2.2
KAFB-106108-350	SV108-350-212	4/19/2021	N	Ethanol	53	J	ug/m3	Y	13
KAFB-106108-350	SV108-350-212	4/19/2021	N	Isopropyl alcohol	420		ug/m3	Y	7.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	Acetone	< 91	U	ug/m3	N	41
KAFB-106108-350	SV108-350-212	4/19/2021	N	Chloroform	14	J	ug/m3	Y	2.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	Benzene	14	J	ug/m3	Y	2.6
KAFB-106108-350	SV108-350-212	4/19/2021	N	Chloromethane	< 11	U	ug/m3	N	2.9
KAFB-106108-350	SV108-350-212	4/19/2021	N	Chloroethane	< 11	U	ug/m3	N	2.2
KAFB-106108-350	SV108-350-212	4/19/2021	N	Vinyl chloride	< 5.7	U	ug/m3	N	1.9
KAFB-106108-350	SV108-350-212	4/19/2021	N	Methylene chloride	< 11	U	ug/m3	N	5.1
KAFB-106108-350	SV108-350-212	4/19/2021	N	Carbon disulfide	11	J	ug/m3	Y	5.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	Bromoform	< 11	U	ug/m3	N	3.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Bromodichloromethane	< 5.7	U	ug/m3	N	2.6
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,1-Dichloroethane	< 11	U	ug/m3	N	2.6
KAFB-106108-350	SV108-350-212	4/19/2021	N	Trichlorofluoromethane	20		ug/m3	Y	2.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Dichlorodifluoromethane	8.1	J	ug/m3	Y	2.9
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	2100		ug/m3	Y	2.6
KAFB-106108-350	SV108-350-212	4/19/2021	N	2-Butanone	6.1	J	ug/m3	Y	3.7
KAFB-106108-350	SV108-350-212	4/19/2021	N	Trichloroethene	7.4	J	ug/m3	Y	2.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	Naphthalene	< 10	U	ug/m3	N	4.4
KAFB-106108-350	SV108-350-212	4/19/2021	N	o-Xylene	59		ug/m3	Y	2.6
KAFB-106108-350	SV108-350-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 5.7	U	ug/m3	N	2.5
KAFB-106108-350	SV108-350-212	4/19/2021	N	Cyclohexane	11000		ug/m3	Y	17
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Ethylbenzene	< 13	U	ug/m3	N	5.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Styrene	< 25	U	ug/m3	N	6.6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,2-Dibromoethane	< 13	U	ug/m3	N	4.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,3-Butadiene	< 25	U	ug/m3	N	6.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,2-Dichloroethane	< 13	U	ug/m3	N	4.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	4-Methyl-2-pentanone	< 13	U	ug/m3	N	5.6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,3,5-Trimethylbenzene	< 13	U	ug/m3	N	5.9
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Toluene	39	J	ug/m3	Y	5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Tetrahydrofuran	< 13	U	ug/m3	N	5.1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Hexane	3200		ug/m3	Y	8.4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Cyclohexane	11000		ug/m3	Y	12
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Propylene (propene)	110		ug/m3	Y	10
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 25	U	ug/m3	N	10
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,4-Dioxane	< 13	U	ug/m3	N	4.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Dibromochloromethane	< 13	U	ug/m3	N	5.4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Tetrachloroethene	13	J	ug/m3	Y	5.3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Xylenes, total	71	J	ug/m3	Y	11
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Ethyl acetate	< 50	U	ug/m3	N	22
KAFB-106108-350	SV108-350-612	4/19/2021	FD	n-Heptane	110		ug/m3	Y	6.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	m- & p-Xylenes	18	J	ug/m3	Y	11
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Carbon tetrachloride	72		ug/m3	Y	5.7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	2-Hexanone	< 13	U	ug/m3	N	5.1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Ethanol	< 64	U	ug/m3	N	28
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Isopropyl alcohol	< 48	U	ug/m3	N	17

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Acetone	< 210	U	ug/m3	N	92
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Chloroform	12	J	ug/m3	Y	5.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Benzene	6.3	J	ug/m3	Y	5.9
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Chloromethane	< 25	U	ug/m3	N	6.6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Chloroethane	< 25	U	ug/m3	N	5.1
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Vinyl chloride	< 13	U	ug/m3	N	4.4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Methylene chloride	< 25	U	ug/m3	N	12
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Carbon disulfide	15	J	ug/m3	Y	12
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Bromoform	< 25	U	ug/m3	N	8.4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Bromodichloromethane	< 13	U	ug/m3	N	5.9
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,1-Dichloroethane	< 25	U	ug/m3	N	6
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Trichlorofluoromethane	17	J	ug/m3	Y	6.2
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Dichlorodifluoromethane	< 25	U	ug/m3	N	6.7
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	1800		ug/m3	Y	5.8
KAFB-106108-350	SV108-350-612	4/19/2021	FD	2-Butanone	< 25	U	ug/m3	N	8.4
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Trichloroethene	5.8	J	ug/m3	Y	5.5
KAFB-106108-350	SV108-350-612	4/19/2021	FD	Naphthalene	< 24	U	ug/m3	N	10
KAFB-106108-350	SV108-350-612	4/19/2021	FD	o-Xylene	53		ug/m3	Y	5.9
KAFB-106108-350	SV108-350-612	4/19/2021	FD	1,2,4-Trimethylbenzene	< 13	U	ug/m3	N	5.7
KAFB-106108-450	SV108-450-212	4/19/2021	N	Ethylbenzene	0.96	J	ug/m3	Y	0.36
KAFB-106108-450	SV108-450-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.29
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106108-450	SV108-450-212	4/19/2021	N	4-Methyl-2-pentanone	2.8	J	ug/m3	Y	0.35
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,3,5-Trimethylbenzene	1	J	ug/m3	Y	0.37
KAFB-106108-450	SV108-450-212	4/19/2021	N	Toluene	68		ug/m3	Y	0.31
KAFB-106108-450	SV108-450-212	4/19/2021	N	Tetrahydrofuran	7		ug/m3	Y	0.32
KAFB-106108-450	SV108-450-212	4/19/2021	N	Hexane	79		ug/m3	Y	0.52
KAFB-106108-450	SV108-450-212	4/19/2021	N	Cyclohexane	140		ug/m3	Y	0.71
KAFB-106108-450	SV108-450-212	4/19/2021	N	Propylene (propene)	3.7		ug/m3	Y	0.62
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106108-450	SV108-450-212	4/19/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106108-450	SV108-450-212	4/19/2021	N	Tetrachloroethene	10		ug/m3	Y	0.33
KAFB-106108-450	SV108-450-212	4/19/2021	N	Xylenes, total	12		ug/m3	Y	0.67
KAFB-106108-450	SV108-450-212	4/19/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106108-450	SV108-450-212	4/19/2021	N	n-Heptane	58		ug/m3	Y	0.4
KAFB-106108-450	SV108-450-212	4/19/2021	N	m- & p-Xylenes	6.4		ug/m3	Y	0.67
KAFB-106108-450	SV108-450-212	4/19/2021	N	Carbon tetrachloride	32		ug/m3	Y	0.35
KAFB-106108-450	SV108-450-212	4/19/2021	N	2-Hexanone	< 0.81	U	ug/m3	N	0.31
KAFB-106108-450	SV108-450-212	4/19/2021	N	Ethanol	20	J	ug/m3	Y	1.8
KAFB-106108-450	SV108-450-212	4/19/2021	N	Isopropyl alcohol	2.1	J	ug/m3	Y	1
KAFB-106108-450	SV108-450-212	4/19/2021	N	Acetone	< 13	U	ug/m3	N	5.7
KAFB-106108-450	SV108-450-212	4/19/2021	N	Chloroform	2.1	J	ug/m3	Y	0.34
KAFB-106108-450	SV108-450-212	4/19/2021	N	Benzene	15		ug/m3	Y	0.37
KAFB-106108-450	SV108-450-212	4/19/2021	N	Chloromethane	5.9		ug/m3	Y	0.41
KAFB-106108-450	SV108-450-212	4/19/2021	N	Chloroethane	1.8	J	ug/m3	Y	0.31
KAFB-106108-450	SV108-450-212	4/19/2021	N	Vinyl chloride	2.2	J	ug/m3	Y	0.27
KAFB-106108-450	SV108-450-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.71
KAFB-106108-450	SV108-450-212	4/19/2021	N	Carbon disulfide	27		ug/m3	Y	0.76
KAFB-106108-450	SV108-450-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106108-450	SV108-450-212	4/19/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,1-Dichloroethane	1.2	J	ug/m3	Y	0.37
KAFB-106108-450	SV108-450-212	4/19/2021	N	Trichlorofluoromethane	5.6		ug/m3	Y	0.38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106108-450	SV108-450-212	4/19/2021	N	Dichlorodifluoromethane	3.3		ug/m3	Y	0.41
KAFB-106108-450	SV108-450-212	4/19/2021	N	2-Butanone	5.8		ug/m3	Y	0.52
KAFB-106108-450	SV108-450-212	4/19/2021	N	Trichloroethene	2.7		ug/m3	Y	0.34
KAFB-106108-450	SV108-450-212	4/19/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.62
KAFB-106108-450	SV108-450-212	4/19/2021	N	o-Xylene	5.8		ug/m3	Y	0.37
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.81	U	ug/m3	N	0.35
KAFB-106108-450	SV108-450-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	580		ug/m3	Y	3.6
KAFB-106112-025	SV112-025-212	4/19/2021	N	Ethylbenzene	< 0.79	U	ug/m3	N	0.35
KAFB-106112-025	SV112-025-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.28
KAFB-106112-025	SV112-025-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.79	U	ug/m3	N	0.34
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.79	U	ug/m3	N	0.36
KAFB-106112-025	SV112-025-212	4/19/2021	N	Toluene	1.1	J	ug/m3	Y	0.3
KAFB-106112-025	SV112-025-212	4/19/2021	N	Tetrahydrofuran	1.4	J	ug/m3	Y	0.31
KAFB-106112-025	SV112-025-212	4/19/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106112-025	SV112-025-212	4/19/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.7
KAFB-106112-025	SV112-025-212	4/19/2021	N	Propylene (propene)	0.64	J	ug/m3	Y	0.61
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.61
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,4-Dioxane	< 0.79	U	ug/m3	N	0.29
KAFB-106112-025	SV112-025-212	4/19/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.33
KAFB-106112-025	SV112-025-212	4/19/2021	N	Tetrachloroethene	1.4	J	ug/m3	Y	0.32
KAFB-106112-025	SV112-025-212	4/19/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.65
KAFB-106112-025	SV112-025-212	4/19/2021	N	Ethyl acetate	14		ug/m3	Y	1.3
KAFB-106112-025	SV112-025-212	4/19/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.4
KAFB-106112-025	SV112-025-212	4/19/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.65
KAFB-106112-025	SV112-025-212	4/19/2021	N	Carbon tetrachloride	17		ug/m3	Y	0.35
KAFB-106112-025	SV112-025-212	4/19/2021	N	2-Hexanone	< 0.79	U	ug/m3	N	0.31
KAFB-106112-025	SV112-025-212	4/19/2021	N	Ethanol	5.5	J	ug/m3	Y	1.7
KAFB-106112-025	SV112-025-212	4/19/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106112-025	SV112-025-212	4/19/2021	N	Acetone	< 13	U	ug/m3	N	5.6
KAFB-106112-025	SV112-025-212	4/19/2021	N	Chloroform	8.2		ug/m3	Y	0.33
KAFB-106112-025	SV112-025-212	4/19/2021	N	Benzene	0.49	J	ug/m3	Y	0.36
KAFB-106112-025	SV112-025-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106112-025	SV112-025-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31
KAFB-106112-025	SV112-025-212	4/19/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.27
KAFB-106112-025	SV112-025-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.7
KAFB-106112-025	SV112-025-212	4/19/2021	N	Carbon disulfide	1.2	J	ug/m3	Y	0.75
KAFB-106112-025	SV112-025-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106112-025	SV112-025-212	4/19/2021	N	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106112-025	SV112-025-212	4/19/2021	N	Trichlorofluoromethane	3.9		ug/m3	Y	0.38
KAFB-106112-025	SV112-025-212	4/19/2021	N	Dichlorodifluoromethane	12		ug/m3	Y	0.41
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	62		ug/m3	Y	0.36
KAFB-106112-025	SV112-025-212	4/19/2021	N	2-Butanone	0.72	J	ug/m3	Y	0.51
KAFB-106112-025	SV112-025-212	4/19/2021	N	Trichloroethene	< 0.79	U	ug/m3	N	0.34
KAFB-106112-025	SV112-025-212	4/19/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.61
KAFB-106112-025	SV112-025-212	4/19/2021	N	o-Xylene	< 0.79	U	ug/m3	N	0.36
KAFB-106112-025	SV112-025-212	4/19/2021	N	1,2,4-Trimethylbenzene	0.49	J	ug/m3	Y	0.35
KAFB-106112-050	SV112-050-212	4/19/2021	N	Ethylbenzene	1.3	J	ug/m3	Y	0.36
KAFB-106112-050	SV112-050-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106112-050	SV112-050-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.81	U	ug/m3	N	0.35
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.81	U	ug/m3	N	0.37
KAFB-106112-050	SV112-050-212	4/19/2021	N	Toluene	1.4	J	ug/m3	Y	0.31
KAFB-106112-050	SV112-050-212	4/19/2021	N	Tetrahydrofuran	5.5		ug/m3	Y	0.32
KAFB-106112-050	SV112-050-212	4/19/2021	N	Hexane	0.58	J	ug/m3	Y	0.53
KAFB-106112-050	SV112-050-212	4/19/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106112-050	SV112-050-212	4/19/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.62
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106112-050	SV112-050-212	4/19/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106112-050	SV112-050-212	4/19/2021	N	Tetrachloroethene	1.4	J	ug/m3	Y	0.33
KAFB-106112-050	SV112-050-212	4/19/2021	N	Xylenes, total	1.8	J	ug/m3	Y	0.67
KAFB-106112-050	SV112-050-212	4/19/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106112-050	SV112-050-212	4/19/2021	N	n-Heptane	0.46	J	ug/m3	Y	0.41
KAFB-106112-050	SV112-050-212	4/19/2021	N	m- & p-Xylenes	1.3	J	ug/m3	Y	0.67
KAFB-106112-050	SV112-050-212	4/19/2021	N	Carbon tetrachloride	21		ug/m3	Y	0.35
KAFB-106112-050	SV112-050-212	4/19/2021	N	2-Hexanone	0.37	J	ug/m3	Y	0.32
KAFB-106112-050	SV112-050-212	4/19/2021	N	Ethanol	13	J	ug/m3	Y	1.8
KAFB-106112-050	SV112-050-212	4/19/2021	N	Isopropyl alcohol	1.3	J	ug/m3	Y	1.1
KAFB-106112-050	SV112-050-212	4/19/2021	N	Acetone	8.6	J	ug/m3	Y	5.7
KAFB-106112-050	SV112-050-212	4/19/2021	N	Chloroform	11		ug/m3	Y	0.34
KAFB-106112-050	SV112-050-212	4/19/2021	N	Benzene	0.64	J	ug/m3	Y	0.37
KAFB-106112-050	SV112-050-212	4/19/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106112-050	SV112-050-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106112-050	SV112-050-212	4/19/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106112-050	SV112-050-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106112-050	SV112-050-212	4/19/2021	N	Carbon disulfide	2.4	J	ug/m3	Y	0.76
KAFB-106112-050	SV112-050-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106112-050	SV112-050-212	4/19/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106112-050	SV112-050-212	4/19/2021	N	Trichlorofluoromethane	4.3		ug/m3	Y	0.39
KAFB-106112-050	SV112-050-212	4/19/2021	N	Dichlorodifluoromethane	14		ug/m3	Y	0.42
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	69		ug/m3	Y	0.36
KAFB-106112-050	SV112-050-212	4/19/2021	N	2-Butanone	3.6	J	ug/m3	Y	0.53
KAFB-106112-050	SV112-050-212	4/19/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106112-050	SV112-050-212	4/19/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.62
KAFB-106112-050	SV112-050-212	4/19/2021	N	o-Xylene	0.49	J	ug/m3	Y	0.37
KAFB-106112-050	SV112-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	0.64	J	ug/m3	Y	0.35
KAFB-106112-150	SV112-150-212	4/19/2021	N	Ethylbenzene	0.45	J	ug/m3	Y	0.32
KAFB-106112-150	SV112-150-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,2-Dibromoethane	< 0.72	U	ug/m3	N	0.26
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.37
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,2-Dichloroethane	< 0.72	U	ug/m3	N	0.25
KAFB-106112-150	SV112-150-212	4/19/2021	N	4-Methyl-2-pentanone	0.36	J	ug/m3	Y	0.31
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 0.72	U	ug/m3	N	0.33
KAFB-106112-150	SV112-150-212	4/19/2021	N	Toluene	5.4		ug/m3	Y	0.28
KAFB-106112-150	SV112-150-212	4/19/2021	N	Tetrahydrofuran	4.8		ug/m3	Y	0.28
KAFB-106112-150	SV112-150-212	4/19/2021	N	Hexane	0.48	J	ug/m3	Y	0.47
KAFB-106112-150	SV112-150-212	4/19/2021	N	Cyclohexane	< 1.4	U	ug/m3	N	0.64
KAFB-106112-150	SV112-150-212	4/19/2021	N	Propylene (propene)	1.4	J	ug/m3	Y	0.55
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.55
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,4-Dioxane	0.49	J	ug/m3	Y	0.27
KAFB-106112-150	SV112-150-212	4/19/2021	N	Dibromochloromethane	< 0.72	U	ug/m3	N	0.3
KAFB-106112-150	SV112-150-212	4/19/2021	N	Tetrachloroethene	28		ug/m3	Y	0.29
KAFB-106112-150	SV112-150-212	4/19/2021	N	Xylenes, total	1.8	J	ug/m3	Y	0.6

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106112-150	SV112-150-212	4/19/2021	N	Ethyl acetate	5.1		ug/m3	Y	1.2
KAFB-106112-150	SV112-150-212	4/19/2021	N	n-Heptane	0.65	J	ug/m3	Y	0.36
KAFB-106112-150	SV112-150-212	4/19/2021	N	m- & p-Xylenes	1.4	J	ug/m3	Y	0.6
KAFB-106112-150	SV112-150-212	4/19/2021	N	Carbon tetrachloride	6.1		ug/m3	Y	0.31
KAFB-106112-150	SV112-150-212	4/19/2021	N	2-Hexanone	0.98	J	ug/m3	Y	0.28
KAFB-106112-150	SV112-150-212	4/19/2021	N	Ethanol	18	J	ug/m3	Y	1.6
KAFB-106112-150	SV112-150-212	4/19/2021	N	Isopropyl alcohol	1.7	J	ug/m3	Y	0.94
KAFB-106112-150	SV112-150-212	4/19/2021	N	Acetone	18	J	ug/m3	Y	5.1
KAFB-106112-150	SV112-150-212	4/19/2021	N	Chloroform	1.5	J	ug/m3	Y	0.3
KAFB-106112-150	SV112-150-212	4/19/2021	N	Benzene	1	J	ug/m3	Y	0.33
KAFB-106112-150	SV112-150-212	4/19/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.37
KAFB-106112-150	SV112-150-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.28
KAFB-106112-150	SV112-150-212	4/19/2021	N	Vinyl chloride	< 0.72	U	ug/m3	N	0.24
KAFB-106112-150	SV112-150-212	4/19/2021	N	Methylene chloride	2	J	ug/m3	Y	0.64
KAFB-106112-150	SV112-150-212	4/19/2021	N	Carbon disulfide	7.4		ug/m3	Y	0.68
KAFB-106112-150	SV112-150-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.47
KAFB-106112-150	SV112-150-212	4/19/2021	N	Bromodichloromethane	< 0.72	U	ug/m3	N	0.33
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.33
KAFB-106112-150	SV112-150-212	4/19/2021	N	Trichlorofluoromethane	2.6		ug/m3	Y	0.34
KAFB-106112-150	SV112-150-212	4/19/2021	N	Dichlorodifluoromethane	12		ug/m3	Y	0.37
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	23		ug/m3	Y	0.32
KAFB-106112-150	SV112-150-212	4/19/2021	N	2-Butanone	4.3		ug/m3	Y	0.47
KAFB-106112-150	SV112-150-212	4/19/2021	N	Trichloroethene	< 0.72	U	ug/m3	N	0.31
KAFB-106112-150	SV112-150-212	4/19/2021	N	Naphthalene	< 1.3	U	ug/m3	N	0.55
KAFB-106112-150	SV112-150-212	4/19/2021	N	o-Xylene	0.4	J	ug/m3	Y	0.33
KAFB-106112-150	SV112-150-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.72	U	ug/m3	N	0.31
KAFB-106112-250	SV112-250-212	4/19/2021	N	Ethylbenzene	1.2	J	ug/m3	Y	0.35
KAFB-106112-250	SV112-250-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,2-Dibromoethane	< 0.79	U	ug/m3	N	0.29
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.41
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,2-Dichloroethane	< 0.79	U	ug/m3	N	0.27
KAFB-106112-250	SV112-250-212	4/19/2021	N	4-Methyl-2-pentanone	0.38	J	ug/m3	Y	0.34
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,3,5-Trimethylbenzene	0.46	J	ug/m3	Y	0.36
KAFB-106112-250	SV112-250-212	4/19/2021	N	Toluene	26		ug/m3	Y	0.3
KAFB-106112-250	SV112-250-212	4/19/2021	N	Tetrahydrofuran	3	J	ug/m3	Y	0.31
KAFB-106112-250	SV112-250-212	4/19/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106112-250	SV112-250-212	4/19/2021	N	Cyclohexane	1.5	J	ug/m3	Y	0.7
KAFB-106112-250	SV112-250-212	4/19/2021	N	Propylene (propene)	2.5		ug/m3	Y	0.6
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,4-Dioxane	4.6		ug/m3	Y	0.29
KAFB-106112-250	SV112-250-212	4/19/2021	N	Dibromochloromethane	< 0.79	U	ug/m3	N	0.33
KAFB-106112-250	SV112-250-212	4/19/2021	N	Tetrachloroethene	3.2		ug/m3	Y	0.32
KAFB-106112-250	SV112-250-212	4/19/2021	N	Xylenes, total	4.6	J	ug/m3	Y	0.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	Ethyl acetate	81		ug/m3	Y	1.3
KAFB-106112-250	SV112-250-212	4/19/2021	N	n-Heptane	< 1.5	U	ug/m3	N	0.4
KAFB-106112-250	SV112-250-212	4/19/2021	N	m- & p-Xylenes	2.8	J	ug/m3	Y	0.65
KAFB-106112-250	SV112-250-212	4/19/2021	N	Carbon tetrachloride	22		ug/m3	Y	0.34
KAFB-106112-250	SV112-250-212	4/19/2021	N	2-Hexanone	< 0.79	U	ug/m3	N	0.31
KAFB-106112-250	SV112-250-212	4/19/2021	N	Ethanol	20	J	ug/m3	Y	1.7
KAFB-106112-250	SV112-250-212	4/19/2021	N	Isopropyl alcohol	10		ug/m3	Y	1
KAFB-106112-250	SV112-250-212	4/19/2021	N	Acetone	40		ug/m3	Y	5.6
KAFB-106112-250	SV112-250-212	4/19/2021	N	Chloroform	< 0.79	U	ug/m3	N	0.33
KAFB-106112-250	SV112-250-212	4/19/2021	N	Benzene	13		ug/m3	Y	0.36
KAFB-106112-250	SV112-250-212	4/19/2021	N	Chloromethane	0.59	J	ug/m3	Y	0.4
KAFB-106112-250	SV112-250-212	4/19/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.31

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106112-250	SV112-250-212	4/19/2021	N	Vinyl chloride	< 0.79	U	ug/m3	N	0.27
KAFB-106112-250	SV112-250-212	4/19/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.7
KAFB-106112-250	SV112-250-212	4/19/2021	N	Carbon disulfide	31		ug/m3	Y	0.74
KAFB-106112-250	SV112-250-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106112-250	SV112-250-212	4/19/2021	N	Bromodichloromethane	< 0.79	U	ug/m3	N	0.36
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106112-250	SV112-250-212	4/19/2021	N	Trichlorofluoromethane	3.6		ug/m3	Y	0.38
KAFB-106112-250	SV112-250-212	4/19/2021	N	Dichlorodifluoromethane	11		ug/m3	Y	0.4
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	58		ug/m3	Y	0.35
KAFB-106112-250	SV112-250-212	4/19/2021	N	2-Butanone	7.3		ug/m3	Y	0.51
KAFB-106112-250	SV112-250-212	4/19/2021	N	Trichloroethene	< 0.79	U	ug/m3	N	0.33
KAFB-106112-250	SV112-250-212	4/19/2021	N	Naphthalene	< 1.4	U	ug/m3	N	0.6
KAFB-106112-250	SV112-250-212	4/19/2021	N	o-Xylene	1.8	J	ug/m3	Y	0.36
KAFB-106112-250	SV112-250-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.79	U	ug/m3	N	0.34
KAFB-106112-350	SV112-350-212	4/19/2021	N	Ethylbenzene	7		ug/m3	Y	0.32
KAFB-106112-350	SV112-350-212	4/19/2021	N	Styrene	< 1.4	U	ug/m3	N	0.37
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,2-Dibromoethane	0.54	J	ug/m3	Y	0.27
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,3-Butadiene	< 1.4	U	ug/m3	N	0.38
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,2-Dichloroethane	< 0.74	U	ug/m3	N	0.26
KAFB-106112-350	SV112-350-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.74	U	ug/m3	N	0.32
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,3,5-Trimethylbenzene	1.6	J	ug/m3	Y	0.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	Toluene	60		ug/m3	Y	0.28
KAFB-106112-350	SV112-350-212	4/19/2021	N	Tetrahydrofuran	0.76	J	ug/m3	Y	0.29
KAFB-106112-350	SV112-350-212	4/19/2021	N	Hexane	1.3	J	ug/m3	Y	0.48
KAFB-106112-350	SV112-350-212	4/19/2021	N	Cyclohexane	2.9	J	ug/m3	Y	0.65
KAFB-106112-350	SV112-350-212	4/19/2021	N	Propylene (propene)	1	J	ug/m3	Y	0.56
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.4	U	ug/m3	N	0.56
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,4-Dioxane	< 0.74	U	ug/m3	N	0.27
KAFB-106112-350	SV112-350-212	4/19/2021	N	Dibromochloromethane	< 0.74	U	ug/m3	N	0.3
KAFB-106112-350	SV112-350-212	4/19/2021	N	Tetrachloroethene	2.7		ug/m3	Y	0.3
KAFB-106112-350	SV112-350-212	4/19/2021	N	Xylenes, total	28		ug/m3	Y	0.61
KAFB-106112-350	SV112-350-212	4/19/2021	N	Ethyl acetate	< 2.8	U	ug/m3	N	1.2
KAFB-106112-350	SV112-350-212	4/19/2021	N	n-Heptane	3.1		ug/m3	Y	0.37
KAFB-106112-350	SV112-350-212	4/19/2021	N	m- & p-Xylenes	20		ug/m3	Y	0.61
KAFB-106112-350	SV112-350-212	4/19/2021	N	Carbon tetrachloride	14		ug/m3	Y	0.32
KAFB-106112-350	SV112-350-212	4/19/2021	N	2-Hexanone	< 0.74	U	ug/m3	N	0.29
KAFB-106112-350	SV112-350-212	4/19/2021	N	Ethanol	4	J	ug/m3	Y	1.6
KAFB-106112-350	SV112-350-212	4/19/2021	N	Isopropyl alcohol	< 2.7	U	ug/m3	N	0.95
KAFB-106112-350	SV112-350-212	4/19/2021	N	Acetone	8.5	J	ug/m3	Y	5.2
KAFB-106112-350	SV112-350-212	4/19/2021	N	Chloroform	< 0.74	U	ug/m3	N	0.31
KAFB-106112-350	SV112-350-212	4/19/2021	N	Benzene	12		ug/m3	Y	0.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	Chloromethane	< 1.4	U	ug/m3	N	0.37
KAFB-106112-350	SV112-350-212	4/19/2021	N	Chloroethane	< 1.4	U	ug/m3	N	0.29
KAFB-106112-350	SV112-350-212	4/19/2021	N	Vinyl chloride	< 0.74	U	ug/m3	N	0.25
KAFB-106112-350	SV112-350-212	4/19/2021	N	Methylene chloride	< 1.4	U	ug/m3	N	0.65
KAFB-106112-350	SV112-350-212	4/19/2021	N	Carbon disulfide	4.9		ug/m3	Y	0.69
KAFB-106112-350	SV112-350-212	4/19/2021	N	Bromoform	< 1.4	U	ug/m3	N	0.48
KAFB-106112-350	SV112-350-212	4/19/2021	N	Bromodichloromethane	< 0.74	U	ug/m3	N	0.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,1-Dichloroethane	< 1.4	U	ug/m3	N	0.34
KAFB-106112-350	SV112-350-212	4/19/2021	N	Trichlorofluoromethane	5		ug/m3	Y	0.35
KAFB-106112-350	SV112-350-212	4/19/2021	N	Dichlorodifluoromethane	26		ug/m3	Y	0.38
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	29		ug/m3	Y	0.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	2-Butanone	1.4	J	ug/m3	Y	0.48
KAFB-106112-350	SV112-350-212	4/19/2021	N	Trichloroethene	0.99	J	ug/m3	Y	0.31
KAFB-106112-350	SV112-350-212	4/19/2021	N	Naphthalene	1	J	ug/m3	Y	0.56

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106112-350	SV112-350-212	4/19/2021	N	o-Xylene	7.9		ug/m3	Y	0.33
KAFB-106112-350	SV112-350-212	4/19/2021	N	1,2,4-Trimethylbenzene	4.8		ug/m3	Y	0.32
KAFB-106112-450	SV112-450-212	4/19/2021	N	Hexane	100000		ug/m3	Y	400
KAFB-106112-450	SV112-450-212	4/19/2021	N	Cyclohexane	210000		ug/m3	Y	550
KAFB-106112-450	SV112-450-212	4/19/2021	N	n-Heptane	110000		ug/m3	Y	310
KAFB-106112-450	SV112-450-212	4/19/2021	N	Ethylbenzene	1500		ug/m3	Y	69
KAFB-106112-450	SV112-450-212	4/19/2021	N	Styrene	< 290	U	ug/m3	N	79
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,2-Dibromoethane	< 160	U	ug/m3	N	57
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,3-Butadiene	< 290	U	ug/m3	N	81
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,2-Dichloroethane	< 160	U	ug/m3	N	54
KAFB-106112-450	SV112-450-212	4/19/2021	N	4-Methyl-2-pentanone	< 160	U	ug/m3	N	67
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,3,5-Trimethylbenzene	1200		ug/m3	Y	70
KAFB-106112-450	SV112-450-212	4/19/2021	N	Toluene	18000		ug/m3	Y	59
KAFB-106112-450	SV112-450-212	4/19/2021	N	Tetrahydrofuran	< 160	U	ug/m3	N	61
KAFB-106112-450	SV112-450-212	4/19/2021	N	Propylene (propene)	730		ug/m3	Y	120
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 290	U	ug/m3	N	120
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,4-Dioxane	< 160	U	ug/m3	N	58
KAFB-106112-450	SV112-450-212	4/19/2021	N	Dibromochloromethane	< 160	U	ug/m3	N	64
KAFB-106112-450	SV112-450-212	4/19/2021	N	Tetrachloroethene	69	J	ug/m3	Y	63
KAFB-106112-450	SV112-450-212	4/19/2021	N	Xylenes, total	15000		ug/m3	Y	130
KAFB-106112-450	SV112-450-212	4/19/2021	N	Ethyl acetate	< 590	U	ug/m3	N	260
KAFB-106112-450	SV112-450-212	4/19/2021	N	m- & p-Xylenes	9100		ug/m3	Y	130
KAFB-106112-450	SV112-450-212	4/19/2021	N	Carbon tetrachloride	< 160	U	ug/m3	N	68
KAFB-106112-450	SV112-450-212	4/19/2021	N	2-Hexanone	< 160	U	ug/m3	N	60
KAFB-106112-450	SV112-450-212	4/19/2021	N	Ethanol	< 760	U	ug/m3	N	340
KAFB-106112-450	SV112-450-212	4/19/2021	N	Isopropyl alcohol	< 580	U	ug/m3	N	200
KAFB-106112-450	SV112-450-212	4/19/2021	N	Acetone	< 2500	U	ug/m3	N	1100
KAFB-106112-450	SV112-450-212	4/19/2021	N	Chloroform	< 160	U	ug/m3	N	65
KAFB-106112-450	SV112-450-212	4/19/2021	N	Benzene	17000		ug/m3	Y	70
KAFB-106112-450	SV112-450-212	4/19/2021	N	Chloromethane	< 290	U	ug/m3	N	79
KAFB-106112-450	SV112-450-212	4/19/2021	N	Chloroethane	< 290	U	ug/m3	N	60
KAFB-106112-450	SV112-450-212	4/19/2021	N	Vinyl chloride	< 160	U	ug/m3	N	52
KAFB-106112-450	SV112-450-212	4/19/2021	N	Methylene chloride	< 290	U	ug/m3	N	140
KAFB-106112-450	SV112-450-212	4/19/2021	N	Carbon disulfide	< 490	U	ug/m3	N	150
KAFB-106112-450	SV112-450-212	4/19/2021	N	Bromoform	< 290	U	ug/m3	N	100
KAFB-106112-450	SV112-450-212	4/19/2021	N	Bromodichloromethane	< 160	U	ug/m3	N	70
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,1-Dichloroethane	< 300	U	ug/m3	N	71
KAFB-106112-450	SV112-450-212	4/19/2021	N	Trichlorofluoromethane	< 290	U	ug/m3	N	74
KAFB-106112-450	SV112-450-212	4/19/2021	N	Dichlorodifluoromethane	< 290	U	ug/m3	N	80
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	120	J	ug/m3	Y	70
KAFB-106112-450	SV112-450-212	4/19/2021	N	2-Butanone	< 290	U	ug/m3	N	100
KAFB-106112-450	SV112-450-212	4/19/2021	N	Trichloroethene	< 160	U	ug/m3	N	66
KAFB-106112-450	SV112-450-212	4/19/2021	N	Naphthalene	< 280	U	ug/m3	N	120
KAFB-106112-450	SV112-450-212	4/19/2021	N	o-Xylene	6100		ug/m3	Y	70
KAFB-106112-450	SV112-450-212	4/19/2021	N	1,2,4-Trimethylbenzene	940		ug/m3	Y	68
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Hexane	130000		ug/m3	Y	380
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Cyclohexane	250000		ug/m3	Y	510
KAFB-106112-450	SV112-450-612	4/19/2021	FD	n-Heptane	130000		ug/m3	Y	290
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Ethylbenzene	1500		ug/m3	Y	64
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Styrene	< 270	U	ug/m3	N	74
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,2-Dibromoethane	< 150	U	ug/m3	N	53
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,3-Butadiene	< 270	U	ug/m3	N	75
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,2-Dichloroethane	< 150	U	ug/m3	N	50
KAFB-106112-450	SV112-450-612	4/19/2021	FD	4-Methyl-2-pentanone	< 150	U	ug/m3	N	62
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,3,5-Trimethylbenzene	1100		ug/m3	Y	66

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Toluene	19000		ug/m3	Y	56
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Tetrahydrofuran	< 150	U	ug/m3	N	57
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Propylene (propene)	1200		ug/m3	Y	110
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 270	U	ug/m3	N	110
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,4-Dioxane	< 150	U	ug/m3	N	54
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Dibromochloromethane	< 150	U	ug/m3	N	60
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Tetrachloroethene	63	J	ug/m3	Y	59
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Xylenes, total	16000		ug/m3	Y	120
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Ethyl acetate	< 560	U	ug/m3	N	240
KAFB-106112-450	SV112-450-612	4/19/2021	FD	m- & p-Xylenes	9300		ug/m3	Y	120
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Carbon tetrachloride	< 150	U	ug/m3	N	63
KAFB-106112-450	SV112-450-612	4/19/2021	FD	2-Hexanone	< 150	U	ug/m3	N	56
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Ethanol	< 710	U	ug/m3	N	320
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Isopropyl alcohol	< 540	U	ug/m3	N	190
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Acetone	< 2300	U	ug/m3	N	1000
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Chloroform	< 150	U	ug/m3	N	61
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Benzene	19000		ug/m3	Y	66
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Chloromethane	< 270	U	ug/m3	N	74
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Chloroethane	< 270	U	ug/m3	N	56
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Vinyl chloride	< 150	U	ug/m3	N	49
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Methylene chloride	< 270	U	ug/m3	N	130
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Carbon disulfide	< 460	U	ug/m3	N	140
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Bromoform	< 270	U	ug/m3	N	94
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Bromodichloromethane	< 150	U	ug/m3	N	66
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,1-Dichloroethane	< 280	U	ug/m3	N	67
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Trichlorofluoromethane	< 270	U	ug/m3	N	69
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Dichlorodifluoromethane	< 270	U	ug/m3	N	74
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	120	J	ug/m3	Y	65
KAFB-106112-450	SV112-450-612	4/19/2021	FD	2-Butanone	< 270	U	ug/m3	N	94
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Trichloroethene	< 150	U	ug/m3	N	62
KAFB-106112-450	SV112-450-612	4/19/2021	FD	Naphthalene	< 270	U	ug/m3	N	110
KAFB-106112-450	SV112-450-612	4/19/2021	FD	o-Xylene	6200		ug/m3	Y	66
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1,2,4-Trimethylbenzene	740		ug/m3	Y	63
KAFB-106118-025	SV118-025-212	4/19/2021	N	Ethylbenzene	< 0.85	U	ug/m3	N	0.37
KAFB-106118-025	SV118-025-212	4/19/2021	N	Styrene	< 1.6	U	ug/m3	N	0.43
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,2-Dibromoethane	< 0.85	U	ug/m3	N	0.31
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,3-Butadiene	< 1.6	U	ug/m3	N	0.44
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,2-Dichloroethane	< 0.85	U	ug/m3	N	0.29
KAFB-106118-025	SV118-025-212	4/19/2021	N	4-Methyl-2-pentanone	< 0.85	U	ug/m3	N	0.36
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,3,5-Trimethylbenzene	0.63	J	ug/m3	Y	0.38
KAFB-106118-025	SV118-025-212	4/19/2021	N	Toluene	1.2	J	ug/m3	Y	0.32
KAFB-106118-025	SV118-025-212	4/19/2021	N	Tetrahydrofuran	0.41	J	ug/m3	Y	0.33
KAFB-106118-025	SV118-025-212	4/19/2021	N	Hexane	< 1.6	U	ug/m3	N	0.55
KAFB-106118-025	SV118-025-212	4/19/2021	N	Cyclohexane	0.88	J	ug/m3	Y	0.75
KAFB-106118-025	SV118-025-212	4/19/2021	N	Propylene (propene)	< 1.6	U	ug/m3	N	0.65
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.6	U	ug/m3	N	0.65
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,4-Dioxane	< 0.85	U	ug/m3	N	0.31
KAFB-106118-025	SV118-025-212	4/19/2021	N	Dibromochloromethane	< 0.85	U	ug/m3	N	0.35
KAFB-106118-025	SV118-025-212	4/19/2021	N	Tetrachloroethene	0.38	J	ug/m3	Y	0.34
KAFB-106118-025	SV118-025-212	4/19/2021	N	Xylenes, total	0.97	J	ug/m3	Y	0.7
KAFB-106118-025	SV118-025-212	4/19/2021	N	Ethyl acetate	< 3.2	U	ug/m3	N	1.4
KAFB-106118-025	SV118-025-212	4/19/2021	N	n-Heptane	0.58	J	ug/m3	Y	0.42
KAFB-106118-025	SV118-025-212	4/19/2021	N	m- & p-Xylenes	< 1.7	U	ug/m3	N	0.7
KAFB-106118-025	SV118-025-212	4/19/2021	N	Carbon tetrachloride	10		ug/m3	Y	0.37
KAFB-106118-025	SV118-025-212	4/19/2021	N	2-Hexanone	1.6	J	ug/m3	Y	0.33

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106118-025	SV118-025-212	4/19/2021	N	Ethanol	26	J	ug/m3	Y	1.8
KAFB-106118-025	SV118-025-212	4/19/2021	N	Isopropyl alcohol	1.7	J	ug/m3	Y	1.1
KAFB-106118-025	SV118-025-212	4/19/2021	N	Acetone	11	J	ug/m3	Y	6
KAFB-106118-025	SV118-025-212	4/19/2021	N	Chloroform	0.91	J	ug/m3	Y	0.35
KAFB-106118-025	SV118-025-212	4/19/2021	N	Benzene	< 0.85	U	ug/m3	N	0.38
KAFB-106118-025	SV118-025-212	4/19/2021	N	Chloromethane	< 1.6	U	ug/m3	N	0.43
KAFB-106118-025	SV118-025-212	4/19/2021	N	Chloroethane	< 1.6	U	ug/m3	N	0.33
KAFB-106118-025	SV118-025-212	4/19/2021	N	Vinyl chloride	< 0.85	U	ug/m3	N	0.28
KAFB-106118-025	SV118-025-212	4/19/2021	N	Methylene chloride	< 1.6	U	ug/m3	N	0.75
KAFB-106118-025	SV118-025-212	4/19/2021	N	Carbon disulfide	1.9	J	ug/m3	Y	0.8
KAFB-106118-025	SV118-025-212	4/19/2021	N	Bromoform	< 1.6	U	ug/m3	N	0.55
KAFB-106118-025	SV118-025-212	4/19/2021	N	Bromodichloromethane	< 0.85	U	ug/m3	N	0.38
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.39
KAFB-106118-025	SV118-025-212	4/19/2021	N	Trichlorofluoromethane	3.9		ug/m3	Y	0.4
KAFB-106118-025	SV118-025-212	4/19/2021	N	Dichlorodifluoromethane	5.4		ug/m3	Y	0.43
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	33		ug/m3	Y	0.38
KAFB-106118-025	SV118-025-212	4/19/2021	N	2-Butanone	6.2		ug/m3	Y	0.55
KAFB-106118-025	SV118-025-212	4/19/2021	N	Trichloroethene	< 0.85	U	ug/m3	N	0.36
KAFB-106118-025	SV118-025-212	4/19/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.65
KAFB-106118-025	SV118-025-212	4/19/2021	N	o-Xylene	0.97	J	ug/m3	Y	0.38
KAFB-106118-025	SV118-025-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.85	U	ug/m3	N	0.37
KAFB-106118-050	SV118-050-212	4/19/2021	N	Ethylbenzene	< 0.81	U	ug/m3	N	0.36
KAFB-106118-050	SV118-050-212	4/19/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.29
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106118-050	SV118-050-212	4/19/2021	N	4-Methyl-2-pentanone	1.2	J	ug/m3	Y	0.35
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,3,5-Trimethylbenzene	0.4	J	ug/m3	Y	0.37
KAFB-106118-050	SV118-050-212	4/19/2021	N	Toluene	1.2	J	ug/m3	Y	0.31
KAFB-106118-050	SV118-050-212	4/19/2021	N	Tetrahydrofuran	28		ug/m3	Y	0.32
KAFB-106118-050	SV118-050-212	4/19/2021	N	Hexane	2.1	J	ug/m3	Y	0.52
KAFB-106118-050	SV118-050-212	4/19/2021	N	Cyclohexane	1.3	J	ug/m3	Y	0.71
KAFB-106118-050	SV118-050-212	4/19/2021	N	Propylene (propene)	6.1		ug/m3	Y	0.62
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,4-Dioxane	0.78	J	ug/m3	Y	0.3
KAFB-106118-050	SV118-050-212	4/19/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106118-050	SV118-050-212	4/19/2021	N	Tetrachloroethene	0.49	J	ug/m3	Y	0.33
KAFB-106118-050	SV118-050-212	4/19/2021	N	Xylenes, total	< 1.6	U	ug/m3	N	0.67
KAFB-106118-050	SV118-050-212	4/19/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106118-050	SV118-050-212	4/19/2021	N	n-Heptane	1.2	J	ug/m3	Y	0.4
KAFB-106118-050	SV118-050-212	4/19/2021	N	m- & p-Xylenes	< 1.6	U	ug/m3	N	0.67
KAFB-106118-050	SV118-050-212	4/19/2021	N	Carbon tetrachloride	13		ug/m3	Y	0.35
KAFB-106118-050	SV118-050-212	4/19/2021	N	2-Hexanone	2.4	J	ug/m3	Y	0.31
KAFB-106118-050	SV118-050-212	4/19/2021	N	Ethanol	9.1	J	ug/m3	Y	1.8
KAFB-106118-050	SV118-050-212	4/19/2021	N	Isopropyl alcohol	3.5	J	ug/m3	Y	1
KAFB-106118-050	SV118-050-212	4/19/2021	N	Acetone	230		ug/m3	Y	5.7
KAFB-106118-050	SV118-050-212	4/19/2021	N	Chloroform	1.2	J	ug/m3	Y	0.34
KAFB-106118-050	SV118-050-212	4/19/2021	N	Benzene	0.47	J	ug/m3	Y	0.37
KAFB-106118-050	SV118-050-212	4/19/2021	N	Chloromethane	4.7		ug/m3	Y	0.41
KAFB-106118-050	SV118-050-212	4/19/2021	N	Chloroethane	0.58	J	ug/m3	Y	0.31
KAFB-106118-050	SV118-050-212	4/19/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106118-050	SV118-050-212	4/19/2021	N	Methylene chloride	1.6	J	ug/m3	Y	0.71
KAFB-106118-050	SV118-050-212	4/19/2021	N	Carbon disulfide	2.7	J	ug/m3	Y	0.76
KAFB-106118-050	SV118-050-212	4/19/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.52
KAFB-106118-050	SV118-050-212	4/19/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106118-050	SV118-050-212	4/19/2021	N	Trichlorofluoromethane	5		ug/m3	Y	0.38
KAFB-106118-050	SV118-050-212	4/19/2021	N	Dichlorodifluoromethane	6.6		ug/m3	Y	0.41
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	49		ug/m3	Y	0.36
KAFB-106118-050	SV118-050-212	4/19/2021	N	2-Butanone	29		ug/m3	Y	0.52
KAFB-106118-050	SV118-050-212	4/19/2021	N	Trichloroethene	7.4		ug/m3	Y	0.34
KAFB-106118-050	SV118-050-212	4/19/2021	N	Naphthalene	< 1.5	U	ug/m3	N	0.62
KAFB-106118-050	SV118-050-212	4/19/2021	N	o-Xylene	0.53	J	ug/m3	Y	0.37
KAFB-106118-050	SV118-050-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 0.81	U	ug/m3	N	0.35
KAFB-106118-160	SV118-160-212	4/19/2021	N	Ethylbenzene	< 29	U	ug/m3	N	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	Styrene	< 55	U	ug/m3	N	15
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,2-Dibromoethane	< 29	U	ug/m3	N	11
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,3-Butadiene	< 55	U	ug/m3	N	15
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,2-Dichloroethane	< 29	U	ug/m3	N	10
KAFB-106118-160	SV118-160-212	4/19/2021	N	4-Methyl-2-pentanone	< 29	U	ug/m3	N	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 29	U	ug/m3	N	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	Toluene	< 29	U	ug/m3	N	11
KAFB-106118-160	SV118-160-212	4/19/2021	N	Tetrahydrofuran	< 29	U	ug/m3	N	12
KAFB-106118-160	SV118-160-212	4/19/2021	N	Hexane	170		ug/m3	Y	19
KAFB-106118-160	SV118-160-212	4/19/2021	N	Cyclohexane	3800		ug/m3	Y	26
KAFB-106118-160	SV118-160-212	4/19/2021	N	Propylene (propene)	25	J	ug/m3	Y	22
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 55	U	ug/m3	N	22
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,4-Dioxane	< 29	U	ug/m3	N	11
KAFB-106118-160	SV118-160-212	4/19/2021	N	Dibromochloromethane	< 29	U	ug/m3	N	12
KAFB-106118-160	SV118-160-212	4/19/2021	N	Tetrachloroethene	12	J	ug/m3	Y	12
KAFB-106118-160	SV118-160-212	4/19/2021	N	Xylenes, total	< 58	U	ug/m3	N	24
KAFB-106118-160	SV118-160-212	4/19/2021	N	Ethyl acetate	85	J	ug/m3	Y	48
KAFB-106118-160	SV118-160-212	4/19/2021	N	n-Heptane	110		ug/m3	Y	15
KAFB-106118-160	SV118-160-212	4/19/2021	N	m- & p-Xylenes	< 58	U	ug/m3	N	24
KAFB-106118-160	SV118-160-212	4/19/2021	N	Carbon tetrachloride	15	J	ug/m3	Y	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	2-Hexanone	< 29	U	ug/m3	N	11
KAFB-106118-160	SV118-160-212	4/19/2021	N	Ethanol	< 140	U	ug/m3	N	64
KAFB-106118-160	SV118-160-212	4/19/2021	N	Isopropyl alcohol	410		ug/m3	Y	38
KAFB-106118-160	SV118-160-212	4/19/2021	N	Acetone	< 460	U	ug/m3	N	210
KAFB-106118-160	SV118-160-212	4/19/2021	N	Chloroform	< 29	U	ug/m3	N	12
KAFB-106118-160	SV118-160-212	4/19/2021	N	Benzene	20	J	ug/m3	Y	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	Chloromethane	< 55	U	ug/m3	N	15
KAFB-106118-160	SV118-160-212	4/19/2021	N	Chloroethane	< 55	U	ug/m3	N	11
KAFB-106118-160	SV118-160-212	4/19/2021	N	Vinyl chloride	< 29	U	ug/m3	N	9.8
KAFB-106118-160	SV118-160-212	4/19/2021	N	Methylene chloride	< 55	U	ug/m3	N	26
KAFB-106118-160	SV118-160-212	4/19/2021	N	Carbon disulfide	63	J	ug/m3	Y	28
KAFB-106118-160	SV118-160-212	4/19/2021	N	Bromoform	< 55	U	ug/m3	N	19
KAFB-106118-160	SV118-160-212	4/19/2021	N	Bromodichloromethane	< 29	U	ug/m3	N	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,1-Dichloroethane	< 57	U	ug/m3	N	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	Trichlorofluoromethane	< 55	U	ug/m3	N	14
KAFB-106118-160	SV118-160-212	4/19/2021	N	Dichlorodifluoromethane	< 55	U	ug/m3	N	15
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	69	J	ug/m3	Y	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	2-Butanone	36	J	ug/m3	Y	19
KAFB-106118-160	SV118-160-212	4/19/2021	N	Trichloroethene	< 29	U	ug/m3	N	12
KAFB-106118-160	SV118-160-212	4/19/2021	N	Naphthalene	< 53	U	ug/m3	N	22
KAFB-106118-160	SV118-160-212	4/19/2021	N	o-Xylene	< 29	U	ug/m3	N	13
KAFB-106118-160	SV118-160-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 29	U	ug/m3	N	13
KAFB-106118-265	SV118-265-212	4/19/2021	N	Ethylbenzene	< 300	U	ug/m3	N	130
KAFB-106118-265	SV118-265-212	4/19/2021	N	Styrene	< 570	U	ug/m3	N	150
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,2-Dibromoethane	< 300	U	ug/m3	N	110

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,3-Butadiene	< 570	U	ug/m3	N	160
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,2-Dichloroethane	< 300	U	ug/m3	N	110
KAFB-106118-265	SV118-265-212	4/19/2021	N	4-Methyl-2-pentanone	< 300	U	ug/m3	N	130
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 300	U	ug/m3	N	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	Toluene	< 300	U	ug/m3	N	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	Tetrahydrofuran	< 300	U	ug/m3	N	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	Hexane	9500		ug/m3	Y	200
KAFB-106118-265	SV118-265-212	4/19/2021	N	Cyclohexane	310000		ug/m3	Y	270
KAFB-106118-265	SV118-265-212	4/19/2021	N	Propylene (propene)	780	J	ug/m3	Y	230
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 570	U	ug/m3	N	230
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,4-Dioxane	< 300	U	ug/m3	N	110
KAFB-106118-265	SV118-265-212	4/19/2021	N	Dibromochloromethane	< 300	U	ug/m3	N	130
KAFB-106118-265	SV118-265-212	4/19/2021	N	Tetrachloroethene	130	J	ug/m3	Y	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	Xylenes, total	< 610	U	ug/m3	N	250
KAFB-106118-265	SV118-265-212	4/19/2021	N	Ethyl acetate	< 1200	U	ug/m3	N	500
KAFB-106118-265	SV118-265-212	4/19/2021	N	n-Heptane	470	J	ug/m3	Y	150
KAFB-106118-265	SV118-265-212	4/19/2021	N	m- & p-Xylenes	< 610	U	ug/m3	N	250
KAFB-106118-265	SV118-265-212	4/19/2021	N	Carbon tetrachloride	< 300	U	ug/m3	N	130
KAFB-106118-265	SV118-265-212	4/19/2021	N	2-Hexanone	< 300	U	ug/m3	N	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	Ethanol	< 1500	U	ug/m3	N	660
KAFB-106118-265	SV118-265-212	4/19/2021	N	Isopropyl alcohol	< 1100	U	ug/m3	N	390
KAFB-106118-265	SV118-265-212	4/19/2021	N	Acetone	< 4800	U	ug/m3	N	2100
KAFB-106118-265	SV118-265-212	4/19/2021	N	Chloroform	< 300	U	ug/m3	N	130
KAFB-106118-265	SV118-265-212	4/19/2021	N	Benzene	< 300	U	ug/m3	N	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	Chloromethane	< 570	U	ug/m3	N	150
KAFB-106118-265	SV118-265-212	4/19/2021	N	Chloroethane	< 570	U	ug/m3	N	120
KAFB-106118-265	SV118-265-212	4/19/2021	N	Vinyl chloride	< 300	U	ug/m3	N	100
KAFB-106118-265	SV118-265-212	4/19/2021	N	Methylene chloride	< 570	U	ug/m3	N	270
KAFB-106118-265	SV118-265-212	4/19/2021	N	Carbon disulfide	< 970	U	ug/m3	N	290
KAFB-106118-265	SV118-265-212	4/19/2021	N	Bromoform	< 570	U	ug/m3	N	200
KAFB-106118-265	SV118-265-212	4/19/2021	N	Bromodichloromethane	< 300	U	ug/m3	N	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,1-Dichloroethane	< 590	U	ug/m3	N	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	Trichlorofluoromethane	< 570	U	ug/m3	N	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	Dichlorodifluoromethane	< 570	U	ug/m3	N	160
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	300	J	ug/m3	Y	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	2-Butanone	< 570	U	ug/m3	N	200
KAFB-106118-265	SV118-265-212	4/19/2021	N	Trichloroethene	< 300	U	ug/m3	N	130
KAFB-106118-265	SV118-265-212	4/19/2021	N	Naphthalene	< 550	U	ug/m3	N	230
KAFB-106118-265	SV118-265-212	4/19/2021	N	o-Xylene	< 300	U	ug/m3	N	140
KAFB-106118-265	SV118-265-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 300	U	ug/m3	N	130
KAFB-106118-350	SV118-350-212	4/19/2021	N	Ethylbenzene	< 97	U	ug/m3	N	43
KAFB-106118-350	SV118-350-212	4/19/2021	N	Styrene	< 180	U	ug/m3	N	49
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,2-Dibromoethane	< 97	U	ug/m3	N	36
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,3-Butadiene	< 180	U	ug/m3	N	50
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,2-Dichloroethane	< 97	U	ug/m3	N	34
KAFB-106118-350	SV118-350-212	4/19/2021	N	4-Methyl-2-pentanone	< 97	U	ug/m3	N	42
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,3,5-Trimethylbenzene	< 97	U	ug/m3	N	44
KAFB-106118-350	SV118-350-212	4/19/2021	N	Toluene	< 97	U	ug/m3	N	37
KAFB-106118-350	SV118-350-212	4/19/2021	N	Tetrahydrofuran	< 97	U	ug/m3	N	38
KAFB-106118-350	SV118-350-212	4/19/2021	N	Hexane	4600		ug/m3	Y	63
KAFB-106118-350	SV118-350-212	4/19/2021	N	Cyclohexane	44000		ug/m3	Y	86
KAFB-106118-350	SV118-350-212	4/19/2021	N	Propylene (propene)	< 180	U	ug/m3	N	75
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 180	U	ug/m3	N	75
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,4-Dioxane	< 97	U	ug/m3	N	36
KAFB-106118-350	SV118-350-212	4/19/2021	N	Dibromochloromethane	< 97	U	ug/m3	N	40

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106118-350	SV118-350-212	4/19/2021	N	Tetrachloroethene	47	J	ug/m3	Y	40
KAFB-106118-350	SV118-350-212	4/19/2021	N	Xylenes, total	< 190	U	ug/m3	N	80
KAFB-106118-350	SV118-350-212	4/19/2021	N	Ethyl acetate	270	J	ug/m3	Y	160
KAFB-106118-350	SV118-350-212	4/19/2021	N	n-Heptane	< 180	U	ug/m3	N	49
KAFB-106118-350	SV118-350-212	4/19/2021	N	m- & p-Xylenes	< 190	U	ug/m3	N	80
KAFB-106118-350	SV118-350-212	4/19/2021	N	Carbon tetrachloride	< 97	U	ug/m3	N	42
KAFB-106118-350	SV118-350-212	4/19/2021	N	2-Hexanone	< 97	U	ug/m3	N	38
KAFB-106118-350	SV118-350-212	4/19/2021	N	Ethanol	4200		ug/m3	Y	210
KAFB-106118-350	SV118-350-212	4/19/2021	N	Isopropyl alcohol	170	J	ug/m3	Y	130
KAFB-106118-350	SV118-350-212	4/19/2021	N	Acetone	< 1500	U	ug/m3	N	690
KAFB-106118-350	SV118-350-212	4/19/2021	N	Chloroform	< 97	U	ug/m3	N	41
KAFB-106118-350	SV118-350-212	4/19/2021	N	Benzene	< 97	U	ug/m3	N	44
KAFB-106118-350	SV118-350-212	4/19/2021	N	Chloromethane	< 180	U	ug/m3	N	49
KAFB-106118-350	SV118-350-212	4/19/2021	N	Chloroethane	< 180	U	ug/m3	N	38
KAFB-106118-350	SV118-350-212	4/19/2021	N	Vinyl chloride	< 97	U	ug/m3	N	33
KAFB-106118-350	SV118-350-212	4/19/2021	N	Methylene chloride	200	J	ug/m3	Y	86
KAFB-106118-350	SV118-350-212	4/19/2021	N	Carbon disulfide	< 310	U	ug/m3	N	92
KAFB-106118-350	SV118-350-212	4/19/2021	N	Bromoform	< 180	U	ug/m3	N	63
KAFB-106118-350	SV118-350-212	4/19/2021	N	Bromodichloromethane	< 97	U	ug/m3	N	44
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,1-Dichloroethane	< 190	U	ug/m3	N	45
KAFB-106118-350	SV118-350-212	4/19/2021	N	Trichlorofluoromethane	< 180	U	ug/m3	N	46
KAFB-106118-350	SV118-350-212	4/19/2021	N	Dichlorodifluoromethane	59	J	ug/m3	Y	50
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	120	J	ug/m3	Y	44
KAFB-106118-350	SV118-350-212	4/19/2021	N	2-Butanone	< 180	U	ug/m3	N	63
KAFB-106118-350	SV118-350-212	4/19/2021	N	Trichloroethene	< 97	U	ug/m3	N	41
KAFB-106118-350	SV118-350-212	4/19/2021	N	Naphthalene	< 180	U	ug/m3	N	75
KAFB-106118-350	SV118-350-212	4/19/2021	N	o-Xylene	< 97	U	ug/m3	N	44
KAFB-106118-350	SV118-350-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 97	U	ug/m3	N	42
KAFB-106119-150	SV119-150-212	4/20/2021	N	Acetone	< 23	U	ug/m3	N	10
KAFB-106118-450	SV118-450-212	4/19/2021	N	Ethylbenzene	< 16	U	ug/m3	N	7.3
KAFB-106118-450	SV118-450-212	4/19/2021	N	Styrene	< 31	U	ug/m3	N	8.3
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,2-Dibromoethane	< 16	U	ug/m3	N	6
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,3-Butadiene	< 31	U	ug/m3	N	8.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,2-Dichloroethane	< 16	U	ug/m3	N	5.7
KAFB-106118-450	SV118-450-212	4/19/2021	N	4-Methyl-2-pentanone	< 16	U	ug/m3	N	7.1
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,3,5-Trimethylbenzene	13	J	ug/m3	Y	7.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	Toluene	120		ug/m3	Y	6.3
KAFB-106118-450	SV118-450-212	4/19/2021	N	Tetrahydrofuran	13	J	ug/m3	Y	6.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	Hexane	3600		ug/m3	Y	11
KAFB-106118-450	SV118-450-212	4/19/2021	N	Cyclohexane	16000		ug/m3	Y	15
KAFB-106118-450	SV118-450-212	4/19/2021	N	Propylene (propene)	47	J	ug/m3	Y	13
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,2,4-Trichlorobenzene	< 31	U	ug/m3	N	13
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,4-Dioxane	< 16	U	ug/m3	N	6.1
KAFB-106118-450	SV118-450-212	4/19/2021	N	Dibromochloromethane	< 16	U	ug/m3	N	6.8
KAFB-106118-450	SV118-450-212	4/19/2021	N	Tetrachloroethene	< 16	U	ug/m3	N	6.7
KAFB-106118-450	SV118-450-212	4/19/2021	N	Xylenes, total	34	J	ug/m3	Y	14
KAFB-106118-450	SV118-450-212	4/19/2021	N	Ethyl acetate	< 63	U	ug/m3	N	27
KAFB-106118-450	SV118-450-212	4/19/2021	N	n-Heptane	17	J	ug/m3	Y	8.2
KAFB-106118-450	SV118-450-212	4/19/2021	N	m- & p-Xylenes	< 33	U	ug/m3	N	14
KAFB-106118-450	SV118-450-212	4/19/2021	N	Carbon tetrachloride	46	J	ug/m3	Y	7.2
KAFB-106118-450	SV118-450-212	4/19/2021	N	2-Hexanone	< 16	U	ug/m3	N	6.4
KAFB-106118-450	SV118-450-212	4/19/2021	N	Ethanol	< 81	U	ug/m3	N	36
KAFB-106118-450	SV118-450-212	4/19/2021	N	Isopropyl alcohol	< 61	U	ug/m3	N	21
KAFB-106118-450	SV118-450-212	4/19/2021	N	Acetone	< 260	U	ug/m3	N	120
KAFB-106118-450	SV118-450-212	4/19/2021	N	Chloroform	< 16	U	ug/m3	N	6.9

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106118-450	SV118-450-212	4/19/2021	N	Benzene	130		ug/m3	Y	7.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	Chloromethane	13	J	ug/m3	Y	8.3
KAFB-106118-450	SV118-450-212	4/19/2021	N	Chloroethane	< 31	U	ug/m3	N	6.4
KAFB-106118-450	SV118-450-212	4/19/2021	N	Vinyl chloride	< 16	U	ug/m3	N	5.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	Methylene chloride	< 31	U	ug/m3	N	15
KAFB-106118-450	SV118-450-212	4/19/2021	N	Carbon disulfide	120		ug/m3	Y	16
KAFB-106118-450	SV118-450-212	4/19/2021	N	Bromoform	< 31	U	ug/m3	N	11
KAFB-106118-450	SV118-450-212	4/19/2021	N	Bromodichloromethane	< 16	U	ug/m3	N	7.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,1-Dichloroethane	< 32	U	ug/m3	N	7.6
KAFB-106118-450	SV118-450-212	4/19/2021	N	Trichlorofluoromethane	< 31	U	ug/m3	N	7.9
KAFB-106118-450	SV118-450-212	4/19/2021	N	Dichlorodifluoromethane	< 31	U	ug/m3	N	8.4
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	26	J	ug/m3	Y	7.4
KAFB-106118-450	SV118-450-212	4/19/2021	N	2-Butanone	< 31	U	ug/m3	N	11
KAFB-106118-450	SV118-450-212	4/19/2021	N	Trichloroethene	< 16	U	ug/m3	N	7
KAFB-106118-450	SV118-450-212	4/19/2021	N	Naphthalene	< 30	U	ug/m3	N	13
KAFB-106118-450	SV118-450-212	4/19/2021	N	o-Xylene	34	J	ug/m3	Y	7.5
KAFB-106118-450	SV118-450-212	4/19/2021	N	1,2,4-Trimethylbenzene	< 16	U	ug/m3	N	7.2
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Ethylbenzene	39	J	ug/m3	Y	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Styrene	< 59	U	ug/m3	N	16
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,2-Dibromoethane	< 31	U	ug/m3	N	11
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,3-Butadiene	< 59	U	ug/m3	N	16
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,2-Dichloroethane	< 31	U	ug/m3	N	11
KAFB-106118-450	SV118-450-612	4/19/2021	FD	4-Methyl-2-pentanone	< 31	U	ug/m3	N	13
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,3,5-Trimethylbenzene	28	J	ug/m3	Y	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Toluene	200		ug/m3	Y	12
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Tetrahydrofuran	28	J	ug/m3	Y	12
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Hexane	5400		ug/m3	Y	20
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Cyclohexane	23000		ug/m3	Y	27
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Propylene (propene)	< 59	U	ug/m3	N	24
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,2,4-Trichlorobenzene	< 59	U	ug/m3	N	24
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,4-Dioxane	< 31	U	ug/m3	N	12
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Dibromochloromethane	< 31	U	ug/m3	N	13
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Tetrachloroethene	< 31	U	ug/m3	N	13
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Xylenes, total	130	J	ug/m3	Y	26
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Ethyl acetate	< 120	U	ug/m3	N	51
KAFB-106118-450	SV118-450-612	4/19/2021	FD	n-Heptane	89	J	ug/m3	Y	16
KAFB-106118-450	SV118-450-612	4/19/2021	FD	m- & p-Xylenes	82	J	ug/m3	Y	26
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Carbon tetrachloride	56	J	ug/m3	Y	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	2-Hexanone	< 31	U	ug/m3	N	12
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Ethanol	150	J	ug/m3	Y	68
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Isopropyl alcohol	< 120	U	ug/m3	N	40
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Acetone	< 490	U	ug/m3	N	220
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Chloroform	< 31	U	ug/m3	N	13
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Benzene	45	J	ug/m3	Y	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Chloromethane	20	J	ug/m3	Y	16
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Chloroethane	< 59	U	ug/m3	N	12
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Vinyl chloride	< 31	U	ug/m3	N	10
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Methylene chloride	< 59	U	ug/m3	N	27
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Carbon disulfide	220		ug/m3	Y	29
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Bromoform	< 59	U	ug/m3	N	20
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Bromodichloromethane	< 31	U	ug/m3	N	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,1-Dichloroethane	< 60	U	ug/m3	N	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Trichlorofluoromethane	< 59	U	ug/m3	N	15
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Dichlorodifluoromethane	< 59	U	ug/m3	N	16
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,1,2-Trichloro-1,2,2-trifluoroethane	40	J	ug/m3	Y	14

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106118-450	SV118-450-612	4/19/2021	FD	2-Butanone	62	J	ug/m3	Y	20
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Trichloroethene	< 31	U	ug/m3	N	13
KAFB-106118-450	SV118-450-612	4/19/2021	FD	Naphthalene	< 57	U	ug/m3	N	24
KAFB-106118-450	SV118-450-612	4/19/2021	FD	o-Xylene	48	J	ug/m3	Y	14
KAFB-106118-450	SV118-450-612	4/19/2021	FD	1,2,4-Trimethylbenzene	56	J	ug/m3	Y	14
KAFB-106119-025	SV119-025-212	4/20/2021	N	Ethylbenzene	1.7	J	ug/m3	Y	0.36
KAFB-106119-025	SV119-025-212	4/20/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106119-025	SV119-025-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.81	U	ug/m3	N	0.35
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,3,5-Trimethylbenzene	3.6		ug/m3	Y	0.37
KAFB-106119-025	SV119-025-212	4/20/2021	N	Toluene	4.2		ug/m3	Y	0.31
KAFB-106119-025	SV119-025-212	4/20/2021	N	Tetrahydrofuran	< 0.81	U	ug/m3	N	0.32
KAFB-106119-025	SV119-025-212	4/20/2021	N	Hexane	< 1.5	U	ug/m3	N	0.53
KAFB-106119-025	SV119-025-212	4/20/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106119-025	SV119-025-212	4/20/2021	N	Propylene (propene)	0.7	J	ug/m3	Y	0.62
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106119-025	SV119-025-212	4/20/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106119-025	SV119-025-212	4/20/2021	N	Tetrachloroethene	0.98	J	ug/m3	Y	0.33
KAFB-106119-025	SV119-025-212	4/20/2021	N	Xylenes, total	13		ug/m3	Y	0.67
KAFB-106119-025	SV119-025-212	4/20/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106119-025	SV119-025-212	4/20/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.41
KAFB-106119-025	SV119-025-212	4/20/2021	N	m- & p-Xylenes	10		ug/m3	Y	0.67
KAFB-106119-025	SV119-025-212	4/20/2021	N	Carbon tetrachloride	1.3	J	ug/m3	Y	0.35
KAFB-106119-025	SV119-025-212	4/20/2021	N	2-Hexanone	0.88	J	ug/m3	Y	0.32
KAFB-106119-025	SV119-025-212	4/20/2021	N	Ethanol	8.3	J	ug/m3	Y	1.8
KAFB-106119-025	SV119-025-212	4/20/2021	N	Isopropyl alcohol	1.4	J	ug/m3	Y	1.1
KAFB-106119-025	SV119-025-212	4/20/2021	N	Acetone	18	J	ug/m3	Y	5.7
KAFB-106119-025	SV119-025-212	4/20/2021	N	Chloroform	0.34	J	ug/m3	Y	0.34
KAFB-106119-025	SV119-025-212	4/20/2021	N	Benzene	0.43	J	ug/m3	Y	0.37
KAFB-106119-025	SV119-025-212	4/20/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106119-025	SV119-025-212	4/20/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106119-025	SV119-025-212	4/20/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106119-025	SV119-025-212	4/20/2021	N	Methylene chloride	4.4		ug/m3	Y	0.72
KAFB-106119-025	SV119-025-212	4/20/2021	N	Carbon disulfide	< 2.6	U	ug/m3	N	0.76
KAFB-106119-025	SV119-025-212	4/20/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106119-025	SV119-025-212	4/20/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106119-025	SV119-025-212	4/20/2021	N	Trichlorofluoromethane	1.4	J	ug/m3	Y	0.39
KAFB-106119-025	SV119-025-212	4/20/2021	N	Dichlorodifluoromethane	3.5		ug/m3	Y	0.42
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	25		ug/m3	Y	0.36
KAFB-106119-025	SV119-025-212	4/20/2021	N	2-Butanone	4	J	ug/m3	Y	0.53
KAFB-106119-025	SV119-025-212	4/20/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106119-025	SV119-025-212	4/20/2021	N	Naphthalene	3.9		ug/m3	Y	0.62
KAFB-106119-025	SV119-025-212	4/20/2021	N	o-Xylene	2.8		ug/m3	Y	0.37
KAFB-106119-025	SV119-025-212	4/20/2021	N	1,2,4-Trimethylbenzene	17		ug/m3	Y	0.35
KAFB-106119-050	SV119-050-212	4/20/2021	N	Ethylbenzene	1.1	J	ug/m3	Y	0.35
KAFB-106119-050	SV119-050-212	4/20/2021	N	Styrene	< 1.5	U	ug/m3	N	0.4
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,2-Dibromoethane	< 0.78	U	ug/m3	N	0.29
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.4
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,2-Dichloroethane	< 0.78	U	ug/m3	N	0.27
KAFB-106119-050	SV119-050-212	4/20/2021	N	4-Methyl-2-pentanone	< 0.78	U	ug/m3	N	0.34
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,3,5-Trimethylbenzene	1.7	J	ug/m3	Y	0.35

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106119-050	SV119-050-212	4/20/2021	N	Toluene	2.9		ug/m3	Y	0.3
KAFB-106119-050	SV119-050-212	4/20/2021	N	Tetrahydrofuran	< 0.78	U	ug/m3	N	0.31
KAFB-106119-050	SV119-050-212	4/20/2021	N	Hexane	< 1.5	U	ug/m3	N	0.51
KAFB-106119-050	SV119-050-212	4/20/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.69
KAFB-106119-050	SV119-050-212	4/20/2021	N	Propylene (propene)	1.2	J	ug/m3	Y	0.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,4-Dioxane	0.36	J	ug/m3	Y	0.29
KAFB-106119-050	SV119-050-212	4/20/2021	N	Dibromochloromethane	< 0.78	U	ug/m3	N	0.32
KAFB-106119-050	SV119-050-212	4/20/2021	N	Tetrachloroethene	2.9		ug/m3	Y	0.32
KAFB-106119-050	SV119-050-212	4/20/2021	N	Xylenes, total	8.1		ug/m3	Y	0.64
KAFB-106119-050	SV119-050-212	4/20/2021	N	Ethyl acetate	< 3	U	ug/m3	N	1.3
KAFB-106119-050	SV119-050-212	4/20/2021	N	n-Heptane	1.1	J	ug/m3	Y	0.39
KAFB-106119-050	SV119-050-212	4/20/2021	N	m- & p-Xylenes	6.5		ug/m3	Y	0.64
KAFB-106119-050	SV119-050-212	4/20/2021	N	Carbon tetrachloride	3.1		ug/m3	Y	0.34
KAFB-106119-050	SV119-050-212	4/20/2021	N	2-Hexanone	0.88	J	ug/m3	Y	0.3
KAFB-106119-050	SV119-050-212	4/20/2021	N	Ethanol	3	J	ug/m3	Y	1.7
KAFB-106119-050	SV119-050-212	4/20/2021	N	Isopropyl alcohol	< 2.9	U	ug/m3	N	1
KAFB-106119-050	SV119-050-212	4/20/2021	N	Acetone	14	J	ug/m3	Y	5.5
KAFB-106119-050	SV119-050-212	4/20/2021	N	Chloroform	< 0.78	U	ug/m3	N	0.33
KAFB-106119-050	SV119-050-212	4/20/2021	N	Benzene	0.49	J	ug/m3	Y	0.35
KAFB-106119-050	SV119-050-212	4/20/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.4
KAFB-106119-050	SV119-050-212	4/20/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.3
KAFB-106119-050	SV119-050-212	4/20/2021	N	Vinyl chloride	< 0.78	U	ug/m3	N	0.26
KAFB-106119-050	SV119-050-212	4/20/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.69
KAFB-106119-050	SV119-050-212	4/20/2021	N	Carbon disulfide	2.8	J	ug/m3	Y	0.74
KAFB-106119-050	SV119-050-212	4/20/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.51
KAFB-106119-050	SV119-050-212	4/20/2021	N	Bromodichloromethane	< 0.78	U	ug/m3	N	0.35
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,1-Dichloroethane	< 1.5	U	ug/m3	N	0.36
KAFB-106119-050	SV119-050-212	4/20/2021	N	Trichlorofluoromethane	2.4		ug/m3	Y	0.37
KAFB-106119-050	SV119-050-212	4/20/2021	N	Dichlorodifluoromethane	6.7		ug/m3	Y	0.4
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	92		ug/m3	Y	0.35
KAFB-106119-050	SV119-050-212	4/20/2021	N	2-Butanone	< 1.5	U	ug/m3	N	0.51
KAFB-106119-050	SV119-050-212	4/20/2021	N	Trichloroethene	< 0.78	U	ug/m3	N	0.33
KAFB-106119-050	SV119-050-212	4/20/2021	N	Naphthalene	1.7	J	ug/m3	Y	0.6
KAFB-106119-050	SV119-050-212	4/20/2021	N	o-Xylene	1.7	J	ug/m3	Y	0.35
KAFB-106119-050	SV119-050-212	4/20/2021	N	1,2,4-Trimethylbenzene	8.7		ug/m3	Y	0.34
KAFB-106119-150	SV119-150-212	4/20/2021	N	Ethylbenzene	< 1.5	U	ug/m3	N	0.64
KAFB-106119-150	SV119-150-212	4/20/2021	N	Styrene	< 2.7	U	ug/m3	N	0.74
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,2-Dibromoethane	< 1.5	U	ug/m3	N	0.53
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,3-Butadiene	< 2.7	U	ug/m3	N	0.75
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,2-Dichloroethane	< 1.5	U	ug/m3	N	0.5
KAFB-106119-150	SV119-150-212	4/20/2021	N	4-Methyl-2-pentanone	< 1.5	U	ug/m3	N	0.62
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,3,5-Trimethylbenzene	< 1.5	U	ug/m3	N	0.66
KAFB-106119-150	SV119-150-212	4/20/2021	N	Toluene	4.7		ug/m3	Y	0.56
KAFB-106119-150	SV119-150-212	4/20/2021	N	Tetrahydrofuran	< 1.5	U	ug/m3	N	0.57
KAFB-106119-150	SV119-150-212	4/20/2021	N	Hexane	13		ug/m3	Y	0.94
KAFB-106119-150	SV119-150-212	4/20/2021	N	Cyclohexane	110		ug/m3	Y	1.3
KAFB-106119-150	SV119-150-212	4/20/2021	N	Propylene (propene)	100		ug/m3	Y	1.1
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,2,4-Trichlorobenzene	< 2.7	U	ug/m3	N	1.1
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,4-Dioxane	< 1.5	U	ug/m3	N	0.54
KAFB-106119-150	SV119-150-212	4/20/2021	N	Dibromochloromethane	< 1.5	U	ug/m3	N	0.6
KAFB-106119-150	SV119-150-212	4/20/2021	N	Tetrachloroethene	3.7	J	ug/m3	Y	0.59
KAFB-106119-150	SV119-150-212	4/20/2021	N	Xylenes, total	4.7	J	ug/m3	Y	1.2
KAFB-106119-150	SV119-150-212	4/20/2021	N	Ethyl acetate	< 5.6	U	ug/m3	N	2.4
KAFB-106119-150	SV119-150-212	4/20/2021	N	n-Heptane	0.97	J	ug/m3	Y	0.73

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106119-150	SV119-150-212	4/20/2021	N	m- & p-Xylenes	3.6	J	ug/m3	Y	1.2
KAFB-106119-150	SV119-150-212	4/20/2021	N	Carbon tetrachloride	12		ug/m3	Y	0.63
KAFB-106119-150	SV119-150-212	4/20/2021	N	2-Hexanone	< 1.5	U	ug/m3	N	0.56
KAFB-106119-150	SV119-150-212	4/20/2021	N	Ethanol	4.6	J	ug/m3	Y	3.2
KAFB-106119-150	SV119-150-212	4/20/2021	N	Isopropyl alcohol	< 5.4	U	ug/m3	N	1.9
KAFB-106119-150	SV119-150-212	4/20/2021	N	Chloroform	4.8		ug/m3	Y	0.61
KAFB-106119-150	SV119-150-212	4/20/2021	N	Benzene	11		ug/m3	Y	0.66
KAFB-106119-150	SV119-150-212	4/20/2021	N	Chloromethane	6.9		ug/m3	Y	0.74
KAFB-106119-150	SV119-150-212	4/20/2021	N	Chloroethane	< 2.7	U	ug/m3	N	0.56
KAFB-106119-150	SV119-150-212	4/20/2021	N	Vinyl chloride	< 1.5	U	ug/m3	N	0.49
KAFB-106119-150	SV119-150-212	4/20/2021	N	Methylene chloride	< 2.7	U	ug/m3	N	1.3
KAFB-106119-150	SV119-150-212	4/20/2021	N	Carbon disulfide	36		ug/m3	Y	1.4
KAFB-106119-150	SV119-150-212	4/20/2021	N	Bromoform	< 2.7	U	ug/m3	N	0.94
KAFB-106119-150	SV119-150-212	4/20/2021	N	Bromodichloromethane	< 1.5	U	ug/m3	N	0.66
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,1-Dichloroethane	< 2.8	U	ug/m3	N	0.67
KAFB-106119-150	SV119-150-212	4/20/2021	N	Trichlorofluoromethane	1.7	J	ug/m3	Y	0.69
KAFB-106119-150	SV119-150-212	4/20/2021	N	Dichlorodifluoromethane	3.3	J	ug/m3	Y	0.74
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	60		ug/m3	Y	0.65
KAFB-106119-150	SV119-150-212	4/20/2021	N	2-Butanone	< 2.7	U	ug/m3	N	0.94
KAFB-106119-150	SV119-150-212	4/20/2021	N	Trichloroethene	< 1.5	U	ug/m3	N	0.62
KAFB-106119-150	SV119-150-212	4/20/2021	N	Naphthalene	< 2.7	U	ug/m3	N	1.1
KAFB-106119-150	SV119-150-212	4/20/2021	N	o-Xylene	1.1	J	ug/m3	Y	0.66
KAFB-106119-150	SV119-150-212	4/20/2021	N	1,2,4-Trimethylbenzene	2	J	ug/m3	Y	0.63
KAFB-106139-250	SV139-250-212	5/19/2021	N	Ethylbenzene	< 41	U	ug/m3	N	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	Styrene	< 77	U	ug/m3	N	21
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,2-Dibromoethane	< 41	U	ug/m3	N	15
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,3-Butadiene	< 77	U	ug/m3	N	21
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,2-Dichloroethane	< 41	U	ug/m3	N	14
KAFB-106139-250	SV139-250-212	5/19/2021	N	4-Methyl-2-pentanone	< 41	U	ug/m3	N	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,3,5-Trimethylbenzene	< 41	U	ug/m3	N	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	Toluene	370		ug/m3	Y	16
KAFB-106139-250	SV139-250-212	5/19/2021	N	Tetrahydrofuran	< 41	U	ug/m3	N	16
KAFB-106139-250	SV139-250-212	5/19/2021	N	Hexane	24000		ug/m3	Y	26
KAFB-106139-250	SV139-250-212	5/19/2021	N	Cyclohexane	17000		ug/m3	Y	36
KAFB-106139-250	SV139-250-212	5/19/2021	N	Propylene (propene)	490		ug/m3	Y	31
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,2,4-Trichlorobenzene	< 77	U	ug/m3	N	31
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,4-Dioxane	< 41	U	ug/m3	N	15
KAFB-106139-250	SV139-250-212	5/19/2021	N	Dibromochloromethane	< 41	U	ug/m3	N	17
KAFB-106139-250	SV139-250-212	5/19/2021	N	Tetrachloroethene	28	J	ug/m3	Y	17
KAFB-106139-250	SV139-250-212	5/19/2021	N	Xylenes, total	< 82	U	ug/m3	N	34
KAFB-106139-250	SV139-250-212	5/19/2021	N	Ethyl acetate	< 160	U	ug/m3	N	67
KAFB-106139-250	SV139-250-212	5/19/2021	N	n-Heptane	15000		ug/m3	Y	20
KAFB-106139-250	SV139-250-212	5/19/2021	N	m- & p-Xylenes	< 82	U	ug/m3	N	34
KAFB-106139-250	SV139-250-212	5/19/2021	N	Carbon tetrachloride	220		ug/m3	Y	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	2-Hexanone	< 41	U	ug/m3	N	16
KAFB-106139-250	SV139-250-212	5/19/2021	N	Ethanol	< 200	U	ug/m3	N	89
KAFB-106139-250	SV139-250-212	5/19/2021	N	Isopropyl alcohol	< 150	U	ug/m3	N	53
KAFB-106139-250	SV139-250-212	5/19/2021	N	Acetone	< 650	U	ug/m3	N	290
KAFB-106139-250	SV139-250-212	5/19/2021	N	Chloroform	340		ug/m3	Y	17
KAFB-106139-250	SV139-250-212	5/19/2021	N	Benzene	370		ug/m3	Y	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	Chloromethane	< 77	U	ug/m3	N	21
KAFB-106139-250	SV139-250-212	5/19/2021	N	Chloroethane	< 77	U	ug/m3	N	16
KAFB-106139-250	SV139-250-212	5/19/2021	N	Vinyl chloride	< 41	U	ug/m3	N	14
KAFB-106139-250	SV139-250-212	5/19/2021	N	Methylene chloride	< 77	U	ug/m3	N	36
KAFB-106139-250	SV139-250-212	5/19/2021	N	Carbon disulfide	< 130	U	ug/m3	N	38

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106139-250	SV139-250-212	5/19/2021	N	Bromoform	< 77	U	ug/m3	N	26
KAFB-106139-250	SV139-250-212	5/19/2021	N	Bromodichloromethane	< 41	U	ug/m3	N	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,1-Dichloroethane	< 79	U	ug/m3	N	19
KAFB-106139-250	SV139-250-212	5/19/2021	N	Trichlorofluoromethane	49	J	ug/m3	Y	19
KAFB-106139-250	SV139-250-212	5/19/2021	N	Dichlorodifluoromethane	< 77	U	ug/m3	N	21
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	740		ug/m3	Y	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	2-Butanone	< 77	U	ug/m3	N	26
KAFB-106139-250	SV139-250-212	5/19/2021	N	Trichloroethene	< 41	U	ug/m3	N	17
KAFB-106139-250	SV139-250-212	5/19/2021	N	Naphthalene	< 74	U	ug/m3	N	31
KAFB-106139-250	SV139-250-212	5/19/2021	N	o-Xylene	< 41	U	ug/m3	N	18
KAFB-106139-250	SV139-250-212	5/19/2021	N	1,2,4-Trimethylbenzene	41	J	ug/m3	Y	18
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Ethylbenzene	4.8		ug/m3	Y	0.36
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Styrene	< 1.5	U	ug/m3	N	0.41
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,2-Dibromoethane	< 0.81	U	ug/m3	N	0.3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,3-Butadiene	< 1.5	U	ug/m3	N	0.42
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,2-Dichloroethane	< 0.81	U	ug/m3	N	0.28
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	4-Methyl-2-pentanone	0.51	J	ug/m3	Y	0.35
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,3,5-Trimethylbenzene	9.6		ug/m3	Y	0.37
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Toluene	8.4		ug/m3	Y	0.31
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Tetrahydrofuran	< 0.81	U	ug/m3	N	0.32
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Hexane	2.9		ug/m3	Y	0.53
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Cyclohexane	< 1.6	U	ug/m3	N	0.72
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Propylene (propene)	< 1.5	U	ug/m3	N	0.62
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,2,4-Trichlorobenzene	< 1.5	U	ug/m3	N	0.62
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,4-Dioxane	< 0.81	U	ug/m3	N	0.3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Dibromochloromethane	< 0.81	U	ug/m3	N	0.33
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Tetrachloroethene	0.35	J	ug/m3	Y	0.33
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Xylenes, total	35		ug/m3	Y	0.67
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Ethyl acetate	< 3.1	U	ug/m3	N	1.3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	n-Heptane	3.8		ug/m3	Y	0.41
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	m- & p-Xylenes	27		ug/m3	Y	0.67
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Carbon tetrachloride	0.85	J	ug/m3	Y	0.35
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	2-Hexanone	2.9	J	ug/m3	Y	0.32
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Ethanol	9.1	J	ug/m3	Y	1.8
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Isopropyl alcohol	1.2	J	ug/m3	Y	1.1
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Acetone	32		ug/m3	Y	5.7
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Chloroform	0.42	J	ug/m3	Y	0.34
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Benzene	1.1	J	ug/m3	Y	0.37
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Chloromethane	< 1.5	U	ug/m3	N	0.41
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Chloroethane	< 1.5	U	ug/m3	N	0.32
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Vinyl chloride	< 0.81	U	ug/m3	N	0.27
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Methylene chloride	< 1.5	U	ug/m3	N	0.72
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Carbon disulfide	100		ug/m3	Y	0.76
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Bromoform	< 1.5	U	ug/m3	N	0.53
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Bromodichloromethane	< 0.81	U	ug/m3	N	0.37
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,1-Dichloroethane	< 1.6	U	ug/m3	N	0.37
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Trichlorofluoromethane	1.5	J	ug/m3	Y	0.39
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Dichlorodifluoromethane	4.5		ug/m3	Y	0.42
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	12		ug/m3	Y	0.36
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	2-Butanone	6.2		ug/m3	Y	0.53
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Trichloroethene	< 0.81	U	ug/m3	N	0.34
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	Naphthalene	22		ug/m3	Y	0.62
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	o-Xylene	8.2		ug/m3	Y	0.37
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1,2,4-Trimethylbenzene	46		ug/m3	Y	0.35
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Ethylbenzene	1.9	J	ug/m3	Y	0.29

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Styrene	< 1.2	U	ug/m3	N	0.33
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,2-Dibromoethane	< 0.66	U	ug/m3	N	0.24
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,3-Butadiene	< 1.2	U	ug/m3	N	0.34
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,2-Dichloroethane	< 0.66	U	ug/m3	N	0.23
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	4-Methyl-2-pentanone	< 0.66	U	ug/m3	N	0.28
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,3,5-Trimethylbenzene	2.3		ug/m3	Y	0.3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Toluene	2.8		ug/m3	Y	0.25
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Tetrahydrofuran	< 0.66	U	ug/m3	N	0.26
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Hexane	< 1.2	U	ug/m3	N	0.43
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Cyclohexane	< 1.3	U	ug/m3	N	0.58
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Propylene (propene)	< 1.2	U	ug/m3	N	0.5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,2,4-Trichlorobenzene	< 1.2	U	ug/m3	N	0.5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,4-Dioxane	< 0.66	U	ug/m3	N	0.24
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Dibromochloromethane	< 0.66	U	ug/m3	N	0.27
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Tetrachloroethene	< 0.66	U	ug/m3	N	0.27
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Xylenes, total	11		ug/m3	Y	0.54
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Ethyl acetate	< 2.5	U	ug/m3	N	1.1
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	n-Heptane	< 1.2	U	ug/m3	N	0.33
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	m- & p-Xylenes	8.4		ug/m3	Y	0.54
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Carbon tetrachloride	0.47	J	ug/m3	Y	0.29
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	2-Hexanone	0.7	J	ug/m3	Y	0.26
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Ethanol	3	J	ug/m3	Y	1.4
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Isopropyl alcohol	< 2.4	U	ug/m3	N	0.85
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Acetone	13	J	ug/m3	Y	4.6
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Chloroform	0.46	J	ug/m3	Y	0.27
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Benzene	< 0.66	U	ug/m3	N	0.3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Chloromethane	< 1.2	U	ug/m3	N	0.33
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Chloroethane	< 1.2	U	ug/m3	N	0.26
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Vinyl chloride	< 0.66	U	ug/m3	N	0.22
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Methylene chloride	< 1.2	U	ug/m3	N	0.58
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Carbon disulfide	3.1	J	ug/m3	Y	0.62
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Bromoform	< 1.2	U	ug/m3	N	0.43
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Bromodichloromethane	< 0.66	U	ug/m3	N	0.3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,1-Dichloroethane	< 1.3	U	ug/m3	N	0.3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Trichlorofluoromethane	0.53	J	ug/m3	Y	0.31
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Dichlorodifluoromethane	1.9	J	ug/m3	Y	0.34
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	6.8		ug/m3	Y	0.29
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	2-Butanone	2.1	J	ug/m3	Y	0.43
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Trichloroethene	< 0.66	U	ug/m3	N	0.28
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	Naphthalene	1.9	J	ug/m3	Y	0.5
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	o-Xylene	2.5		ug/m3	Y	0.3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1,2,4-Trimethylbenzene	12		ug/m3	Y	0.29
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Ethylbenzene	20000		ug/m3	Y	250
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Styrene	< 1100	U	ug/m3	N	280
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,2-Dibromoethane	640	J	ug/m3	Y	200
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,3-Butadiene	< 1100	U	ug/m3	N	290
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,2-Dichloroethane	< 560	U	ug/m3	N	190
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	4-Methyl-2-pentanone	630	J	ug/m3	Y	240
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,3,5-Trimethylbenzene	2400		ug/m3	Y	250
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Toluene	230000		ug/m3	Y	210
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Tetrahydrofuran	< 560	U	ug/m3	N	220
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Hexane	140000		ug/m3	Y	360
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Cyclohexane	280000		ug/m3	Y	500
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Propylene (propene)	< 1100	U	ug/m3	N	430
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,2,4-Trichlorobenzene	< 1100	U	ug/m3	N	430

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	chemical_name	report_result_text	interpreted_qualifiers	report_result_unit	detect_flag	method_detection_limit/MDL/DL[c]
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,4-Dioxane	< 560	U	ug/m3	N	210
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Dibromochloromethane	< 560	U	ug/m3	N	230
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Tetrachloroethene	< 560	U	ug/m3	N	230
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Xylenes, total	67000		ug/m3	Y	460
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Ethyl acetate	< 2100	U	ug/m3	N	920
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	n-Heptane	270000		ug/m3	Y	280
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	m- & p-Xylenes	52000		ug/m3	Y	460
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Carbon tetrachloride	< 560	U	ug/m3	N	240
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	2-Hexanone	< 560	U	ug/m3	N	220
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Ethanol	4000	J	ug/m3	Y	1200
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Isopropyl alcohol	< 2100	U	ug/m3	N	730
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Acetone	33000		ug/m3	Y	4000
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Chloroform	< 560	U	ug/m3	N	230
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Benzene	50000		ug/m3	Y	250
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Chloromethane	< 1100	U	ug/m3	N	280
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Chloroethane	< 1100	U	ug/m3	N	220
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Vinyl chloride	< 560	U	ug/m3	N	190
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Methylene chloride	< 1100	U	ug/m3	N	500
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Carbon disulfide	< 1800	U	ug/m3	N	530
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Bromoform	< 1100	U	ug/m3	N	360
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Bromodichloromethane	< 560	U	ug/m3	N	250
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,1-Dichloroethane	< 1100	U	ug/m3	N	260
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Trichlorofluoromethane	< 1100	U	ug/m3	N	270
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Dichlorodifluoromethane	< 1100	U	ug/m3	N	290
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,1,2-Trichloro-1,2,2-trifluoroethane	< 560	U	ug/m3	N	250
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	2-Butanone	3000	J	ug/m3	Y	360
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Trichloroethene	< 560	U	ug/m3	N	240
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	Naphthalene	< 1000	U	ug/m3	N	430
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	o-Xylene	15000		ug/m3	Y	250
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1,2,4-Trimethylbenzene	4700		ug/m3	Y	240

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3100	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3100	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	6000	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3100	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4700	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	7700	49000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	5800	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	25000	48000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	5000	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	5000	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4700	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4700	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4700	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	2900	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	6500	11000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	6500	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	22000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	28000	180000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	21000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	91000	170000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	18000	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	180	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	180	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	270	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	440	2800	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	330	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	1400	2800	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	290	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	290	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	270	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	170	530	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	270	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	160	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106111-050	SV111-050-612	4/6/2021	FD	90	280	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1100	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1100	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	2100	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1100	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	2700	17000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	2100	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	8800	17000	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1800	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1100	1800	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	3300	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	1000	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106117-250	SV117-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	2.8	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.7	2.8	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	8.7	27	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.6	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.6	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	3	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.6	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	3.9	25	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	2.9	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	13	24	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	2.5	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.5	4.7	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	1.4	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.5	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	0.79	2.4	ug/m3
KAFB-106133-250	SV133-250-612	4/6/2021	FD	10	30	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7900	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7900	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	15000	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7900	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	19000	120000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	15000	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	62000	120000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	12000	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7600	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7400	23000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	7200	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-250	SV03-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7500	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7500	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	14000	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-03-300	SV03-300-212	4/5/2021	N	7500	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	11000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	18000	120000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	14000	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	60000	120000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	12000	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7300	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	11000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	7100	22000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	11000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	6900	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-03-300	SV03-300-212	4/5/2021	N	3800	12000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	7300	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	7300	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	14000	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	7300	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	18000	110000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	14000	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	58000	110000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-04-050	SV04-050-212	4/5/2021	N	12000	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	7100	12000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6900	22000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	6700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-212	4/5/2021	N	3700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	7100	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	7100	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	14000	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	7100	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	17000	110000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	13000	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	57000	110000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	11000	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6900	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6700	21000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	6500	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3
SVMW-04-050	SV04-050-612	4/5/2021	FD	3600	11000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	16000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	16000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	31000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	16000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	24000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	39000	250000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	30000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	130000	250000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	25000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	16000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	24000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	47000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	24000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	15000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-100	SV04-100-212	4/5/2021	N	8000	25000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	10000	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	10000	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	20000	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	10000	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	25000	160000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	19000	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	82000	160000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	16000	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	10000	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	9700	30000	ug/m3
SVMW-04-250	SV04-250-212	4/5/2021	N	5200	16000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	890	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	890	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	1700	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	890	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1300	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	2200	14000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	1600	2600	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-04-300	SV04-300-212	4/5/2021	N	7100	14000	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	1400	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	860	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1300	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	840	2600	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1300	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	810	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-04-300	SV04-300-212	4/5/2021	N	440	1400	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2500	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2500	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	4700	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2500	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3700	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	6100	39000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	4600	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	20000	38000	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	3900	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2400	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3700	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	7300	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3700	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	2300	3800	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3900	ug/m3
SVMW-08-050	SV08-050-212	4/5/2021	N	1200	3800	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.9	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.9	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	3.7	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.9	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	2.9	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	4.7	30	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	3.6	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	15	30	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	3.1	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.9	3.1	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	2.9	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	5.7	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	2.9	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	1.8	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-100	SV08-100-212	4/5/2021	N	0.96	3	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3100	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3100	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	6000	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3100	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4700	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	7700	49000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	5800	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	25000	48000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	5000	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	5000	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4700	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3000	9200	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4700	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	2900	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4900	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	1600	4800	ug/m3
SVMW-08-250	SV08-250-212	4/5/2021	N	3900	12000	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	3000	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	9200	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4900	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	4800	ug/m3
SVMW-03-100	SV03-100-212	4/5/2021	N	1600	9200	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	990	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-09-050	SV09-050-212	4/5/2021	N	320	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	640	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	640	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	640	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	950	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	1600	9900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	5000	9700	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	990	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	990	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	1000	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	990	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	620	1000	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	950	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	990	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	600	1900	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	950	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	580	970	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	990	ug/m3
SVMW-09-050	SV09-050-212	4/5/2021	N	320	970	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	16000	26000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	8400	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	8400	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	16000	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	8400	25000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	21000	130000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	16000	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	67000	130000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	13000	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	8200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7900	25000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	7700	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-100	SV09-100-212	4/5/2021	N	4200	13000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2800	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2800	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	5300	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2800	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	6800	43000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	5100	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	22000	42000	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	4400	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2700	4400	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2600	8200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	2500	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4300	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	1400	4200	ug/m3
SVMW-09-250	SV09-250-212	4/5/2021	N	3500	11000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	18000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	11000	34000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	10000	17000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	18000	ug/m3
SVMW-09-266	SV09-266-212	4/5/2021	N	5700	17000	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2.1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2.1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	4	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2.1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	5.1	33	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	3.9	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	17	32	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	3.3	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	2	6.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.1	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1.9	3.2	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.3	ug/m3
KAFB-106028-150	SV028-150-212	4/5/2021	N	1	3.2	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	3	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	3.8	24	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	2.9	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	12	24	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	2.5	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.3	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.5	4.6	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	1.4	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-250	SV028-250-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.5	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.5	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	2.9	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.5	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	3.7	24	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	2.8	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	12	23	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	2.4	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	4.5	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106028-350	SV028-350-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.9	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.9	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	3.6	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.9	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	4.6	30	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	3.5	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	15	29	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	3	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.8	5.6	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.8	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.7	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	1.7	2.9	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	3	ug/m3
KAFB-106028-450	SV028-450-212	4/5/2021	N	0.95	2.9	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	75	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	48	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	48	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	92	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	48	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	72	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	120	750	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	89	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	380	730	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	75	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	75	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	76	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	75	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	47	76	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	72	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	75	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	45	140	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	72	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	44	73	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	75	ug/m3
KAFB-106111-025	SV111-025-212	4/6/2021	N	24	73	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	190	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	190	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	360	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	190	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	280	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	460	2900	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	350	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	1500	2900	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	300	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	300	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	280	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106111-050	SV111-050-212	4/6/2021	N	180	550	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	280	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	170	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-050	SV111-050-212	4/6/2021	N	94	290	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	220	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	220	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	410	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	220	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	320	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	530	3400	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	530	3400	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	400	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	1700	3300	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	340	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	210	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	320	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	630	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	320	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	200	330	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	340	ug/m3
KAFB-106111-150	SV111-150-212	4/6/2021	N	110	330	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	920	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	590	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	590	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	1100	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	590	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	890	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	1400	9200	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	1100	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	4700	9000	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	920	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	920	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	940	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	920	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	570	940	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	890	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	920	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	560	1700	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	890	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	540	900	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	920	ug/m3
KAFB-106111-250	SV111-250-212	4/6/2021	N	300	900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2500	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2500	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	4800	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106111-350	SV111-350-212	4/6/2021	N	2500	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	6100	39000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	4600	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	20000	38000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	4000	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2400	7400	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	2300	3800	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3900	ug/m3
KAFB-106111-350	SV111-350-212	4/6/2021	N	1300	3800	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	170	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	170	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	330	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	170	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	420	2700	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	320	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	1400	2600	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106111-450	SV111-450-212	4/6/2021	N	270	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	170	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	500	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	160	260	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	270	ug/m3
KAFB-106111-450	SV111-450-212	4/6/2021	N	85	260	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	3	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.3	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	3.8	24	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	2.9	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	12	24	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	2.5	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.3	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.5	4.6	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.3	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	1.4	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106114-025	SV114-025-212	4/6/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	3.2	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	4.1	26	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	3.1	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	13	26	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	2.7	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	1.5	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-050	SV114-050-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	3.2	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	4.1	26	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	3.1	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	13	26	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	2.7	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	1.5	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-150	SV114-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.6	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.6	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	3.1	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.6	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	3.9	25	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	3	4.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106114-250	SV114-250-212	4/6/2021	N	13	25	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	2.6	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	4.7	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-212	4/6/2021	N	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.6	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	3.1	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.6	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	3.9	25	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	3	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	13	24	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	2.5	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.6	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	4.7	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	1.5	2.4	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.5	ug/m3
KAFB-106114-250	SV114-250-612	4/6/2021	FD	0.8	2.4	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	17	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	17	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	33	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	17	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	27	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	17	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	51	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	16	26	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	27	ug/m3
KAFB-106114-350	SV114-350-212	4/6/2021	N	8.6	26	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	3800	6200	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	2300	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1800	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	3000	19000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	2300	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	9700	19000	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1900	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1900	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1800	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1200	3600	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1800	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	1100	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106114-450	SV114-450-212	4/6/2021	N	610	1900	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.7	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106116-025	SV116-025-212	4/6/2021	N	3.3	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	4.3	27	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	14	27	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	2.8	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	5.1	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.6	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-025	SV116-025-212	4/6/2021	N	0.87	2.7	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.8	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.8	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	3.5	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.8	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	4.5	29	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	3.4	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	15	28	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	2.9	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	5.4	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106116-050	SV116-050-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.9	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.9	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	3.6	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.9	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	4.6	30	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	3.5	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	15	29	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	3	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.8	5.6	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	1.7	2.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	3	ug/m3
KAFB-106116-150	SV116-150-212	4/6/2021	N	0.95	2.9	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	40	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	40	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	77	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	40	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	60	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	98	630	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	74	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	320	610	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	320	610	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	64	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	39	64	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	60	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	38	120	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	60	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	37	61	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	63	ug/m3
KAFB-106116-250	SV116-250-212	4/6/2021	N	20	61	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106116-350	SV116-350-212	4/6/2021	N	49	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	49	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	93	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	49	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	73	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	120	760	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	90	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	390	740	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	77	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	47	77	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	73	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	46	140	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	73	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	44	74	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	76	ug/m3
KAFB-106116-350	SV116-350-212	4/6/2021	N	24	74	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	130	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	130	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	240	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	130	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	370	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106116-350	SV116-350-612	4/6/2021	FD	310	2000	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	230	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	1000	1900	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	200	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	120	370	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	110	190	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	200	ug/m3
KAFB-106116-350	SV116-350-612	4/6/2021	FD	63	190	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2800	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2800	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	5300	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2800	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	6700	43000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	5100	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	22000	42000	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	4400	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106116-450	SV116-450-212	4/6/2021	N	2700	4400	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2600	8100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4100	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	2500	4200	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4300	ug/m3
KAFB-106116-450	SV116-450-212	4/6/2021	N	1400	4200	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	3.3	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	4.2	27	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	14	26	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	2.7	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	5.1	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106117-025	SV117-025-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.6	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.6	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	3	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.6	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	3.9	25	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	2.9	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	13	24	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.5	4.7	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	1.4	2.4	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.5	ug/m3
KAFB-106117-050	SV117-050-212	4/6/2021	N	0.79	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	3	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	3.8	24	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	2.9	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	12	24	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	2.5	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.5	4.6	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.3	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	1.4	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-150	SV117-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	210	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	210	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	400	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	210	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	310	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	510	3300	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	390	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	1700	3200	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	330	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	310	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	200	610	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	310	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	190	320	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	330	ug/m3
KAFB-106117-350	SV117-350-212	4/6/2021	N	100	320	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	5000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3200	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3200	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3200	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	6100	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3200	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4800	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	7800	50000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	5900	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	25000	49000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	5000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	5000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	5100	9400	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	5000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3100	5100	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4800	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	5000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	3000	9400	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4800	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	2900	4900	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	5000	ug/m3
KAFB-106117-450	SV117-450-212	4/6/2021	N	1600	4900	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.3	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.3	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	2.5	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.3	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	1.9	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	3.1	20	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	2.4	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	10	20	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	2	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	1.9	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	1.9	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	1.2	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	0.64	2	ug/m3
KAFB-106124-025	SV124-025-212	4/5/2021	N	6.4	20	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.7	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.7	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	3.2	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.7	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	4.1	26	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	3.1	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	13	26	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	2.7	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.5	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	1.5	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	0.84	2.6	ug/m3
KAFB-106124-050	SV124-050-212	4/5/2021	N	8.4	26	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.6	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.6	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	3.1	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.6	4.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	4	26	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	3	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	13	25	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	2.6	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	4.8	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106124-150	SV124-150-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.6	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.6	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	3.1	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.6	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.4	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	4	25	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	3	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	13	25	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	2.6	4.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	4.8	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.4	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-212	4/5/2021	N	0.81	2.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.5	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.5	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.5	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	2.9	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.5	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.3	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	3.8	24	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	2.9	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	12	24	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	2.4	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.5	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.3	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	4.5	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.3	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	1.4	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-250	SV124-250-612	4/5/2021	FD	0.77	2.4	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.3	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.3	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	6.3	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.3	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	8.1	52	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	6.1	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	26	51	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	5.3	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.2	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.2	5.3	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3.1	9.8	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	3	5.1	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106124-350	SV124-350-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	11	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	33	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	11	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	21	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	11	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	27	170	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	20	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	88	170	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	18	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	11	18	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	33	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	10	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106124-450	SV124-450-212	4/5/2021	N	5.5	17	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	3.3	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	4.2	27	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	3.2	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	14	26	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	2.7	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	5.1	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.7	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	0.86	2.6	ug/m3
KAFB-106125-025	SV125-025-212	4/5/2021	N	8.6	27	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	3.3	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	1.7	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	2.6	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	0.87	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	4.2	27	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	3.2	5.1	ug/m3
KAFB-106125-050	SV125-050-212	4/5/2021	N	14	27	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.7	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.7	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	3.3	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.7	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	4.2	27	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	3.2	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	14	26	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	2.7	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	5	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.7	ug/m3
KAFB-106125-150	SV125-150-212	4/5/2021	N	0.85	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	3.2	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	4	26	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	3.1	4.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106125-250	SV125-250-212	4/5/2021	N	13	25	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	2.6	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.6	4.9	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	1.5	2.5	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.6	ug/m3
KAFB-106125-250	SV125-250-212	4/5/2021	N	0.82	2.5	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.9	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	3.7	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.9	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	2.9	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	4.8	30	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	3.6	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	15	30	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	3.1	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.9	3.1	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	2.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	5.7	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	2.9	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	1.8	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-350	SV125-350-212	4/5/2021	N	0.97	3	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	110	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	110	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	200	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	110	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	110	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	260	1700	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	200	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	840	1600	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	170	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	100	310	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	97	160	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	170	ug/m3
KAFB-106125-450	SV125-450-212	4/5/2021	N	53	160	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	3.4	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	4.3	28	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	3.3	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	14	27	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	2.8	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.8	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-025	SV127-025-212	4/5/2021	N	8.8	28	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.8	5.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106127-050	SV127-050-212	4/5/2021	N	3.4	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.6	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	4.3	27	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	3.3	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	14	27	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	2.8	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.8	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.6	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.6	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-050	SV127-050-212	4/5/2021	N	8.8	27	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.5	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.5	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	2.9	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.5	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	3.7	24	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	2.8	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	12	23	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	2.4	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.5	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	4.5	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	1.4	2.3	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.4	ug/m3
KAFB-106127-150	SV127-150-212	4/5/2021	N	0.77	2.3	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.2	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	4.3	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.2	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.3	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	5.4	35	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	4.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	18	34	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	3.5	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.2	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.3	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	3.4	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2.1	6.6	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.3	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	2	3.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.5	ug/m3
KAFB-106127-250	SV127-250-212	4/5/2021	N	1.1	3.4	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.7	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.7	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	3.3	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.7	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	4.2	27	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	3.2	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	14	26	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	2.7	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.7	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	5	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	1.6	2.6	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.7	ug/m3
KAFB-106127-250	SV127-250-612	4/5/2021	FD	0.85	2.6	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	3.4	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.8	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.6	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	4.3	27	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	3.3	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	14	27	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	2.8	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.8	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.6	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.7	5.2	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.6	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	1.6	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-350	SV127-350-212	4/5/2021	N	0.88	2.7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.5	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.5	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	4.7	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.5	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	7.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106127-450	SV127-450-212	4/5/2021	N	6	39	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	4.6	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	20	38	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	3.9	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.4	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	7.3	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.7	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	2.3	3.8	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.9	ug/m3
KAFB-106127-450	SV127-450-212	4/5/2021	N	1.2	3.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.3	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.3	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	4.4	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.3	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	5.6	36	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	4.3	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	18	35	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	3.7	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.7	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.2	6.8	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	2.1	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.6	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	1.2	3.5	ug/m3
KAFB-106128-025	SV128-025-212	4/6/2021	N	8.7	14	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3.2	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3.2	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	6.1	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	6.1	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3.2	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	7.8	50	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	5.9	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	25	49	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	5.1	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	5	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3.1	5.1	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.8	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	3	9.4	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	2.9	4.9	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-050	SV128-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	3.2	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	4.1	26	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	3.1	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	13	26	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.5	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	1.5	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	0.84	2.6	ug/m3
KAFB-106128-150	SV128-150-212	4/6/2021	N	16	26	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	1000	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	1000	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	2000	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	1000	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1500	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	2500	16000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	1900	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	8200	16000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	1600	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	1000	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1500	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	970	3000	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1500	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	940	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-250	SV128-250-212	4/6/2021	N	510	1600	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	2000	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	2000	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	3900	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	2000	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	4900	31000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	3700	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	16000	31000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	3200	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	2000	3200	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1900	5900	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3000	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1800	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-350	SV128-350-212	4/6/2021	N	1000	3100	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2600	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2600	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	5000	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2600	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	3900	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	6300	40000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	4800	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	21000	40000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	4100	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2500	4100	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	3900	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	7600	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	3900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106128-450	SV128-450-212	4/6/2021	N	2400	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	1300	4000	ug/m3
KAFB-106128-450	SV128-450-212	4/6/2021	N	8100	13000	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	2	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	2	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	3.8	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	2	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	2.9	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	4.8	31	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	3.6	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	16	30	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	3.1	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.9	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	5.8	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	2.9	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3.1	ug/m3
KAFB-106133-025	SV133-025-212	4/6/2021	N	0.98	3	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	3.2	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	4.1	26	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	3.1	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	13	25	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	2.6	4.9	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106133-050	SV133-050-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.9	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.9	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	5.5	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.9	8.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	7	45	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	5.3	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	23	44	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	4.6	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.8	4.6	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.3	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.7	8.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	2.6	4.4	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.5	ug/m3
KAFB-106133-170	SV133-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	3.1	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	4	26	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	3	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	13	25	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	2.6	4.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	4.8	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106133-250	SV133-250-212	4/6/2021	N	8.2	25	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.8	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.8	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	4.5	29	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	3.4	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	15	28	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	2.9	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	5.4	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.9	ug/m3
KAFB-106133-350	SV133-350-212	4/6/2021	N	0.92	2.8	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	36	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	23	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	23	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	44	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	23	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	34	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	56	360	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	42	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	180	350	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	36	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	36	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	36	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	22	36	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	34	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	36	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	67	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	34	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	21	35	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	36	ug/m3
KAFB-106133-450	SV133-450-212	4/6/2021	N	11	35	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.6	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	7.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.6	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	5	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.6	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	6.3	40	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	4.8	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	21	40	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	4.1	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.5	4.1	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	3.9	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	7.6	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-025	SV136-025-212	4/6/2021	N	1.3	4	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.4	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.4	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	6.4	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.4	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	8.2	52	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	6.2	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	27	51	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	5.3	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.3	5.3	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.2	9.9	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	3.1	5.1	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106136-050	SV136-050-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.2	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	4.2	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.2	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.3	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	5.4	34	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	4.1	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	17	34	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	3.5	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.3	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	3.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2.1	6.5	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.3	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	2	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-150	SV136-150-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2.1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2.1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	4	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2.1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	5.1	33	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	3.9	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	17	32	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	3.3	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	2	6.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.1	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1.9	3.2	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.3	ug/m3
KAFB-106136-250	SV136-250-212	4/6/2021	N	1	3.2	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	6.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.2	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.2	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	4.3	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.2	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	5.5	35	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	4.1	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	18	34	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	3.6	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.2	3.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2.1	6.6	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	2	3.4	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.5	ug/m3
KAFB-106136-350	SV136-350-212	4/6/2021	N	1.1	3.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.8	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.8	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	5.3	8.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.8	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	6.8	43	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	5.1	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	22	42	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	4.4	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.3	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.7	4.4	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.6	8.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	2.5	4.2	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.3	ug/m3
KAFB-106136-450	SV136-450-212	4/6/2021	N	1.4	4.2	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.5	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.5	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	4.7	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.5	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.7	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	6	39	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	4.6	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	20	38	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	3.9	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.4	3.9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.7	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	7.3	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.7	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.9	ug/m3
KAFB-106138-025	SV138-025-212	4/6/2021	N	1.2	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.5	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.5	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	4.8	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.5	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	6.1	39	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	4.7	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	20	38	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	4	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.9	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.9	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.4	7.4	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	2.3	3.8	ug/m3
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106138-050	SV138-050-212	4/6/2021	N	1.3	3.8	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	2.9	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.3	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	3.8	24	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	2.9	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	12	24	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	2.4	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	4.5	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.3	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-025	SV109-025-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	4.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	3	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.3	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	3.8	24	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	2.9	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	12	24	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	2.5	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.3	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.3	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-050	SV109-050-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.9	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.9	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	3.6	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.9	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	4.6	30	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106109-150	SV109-150-212	4/13/2021	N	3.5	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	15	29	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	3	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.8	5.6	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.8	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	1.7	2.9	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	3	ug/m3
KAFB-106109-150	SV109-150-212	4/13/2021	N	0.95	2.9	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.4	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.4	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	2.7	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.4	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	3.4	22	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	2.6	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	11	21	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	2.2	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.4	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	4.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	1.3	2.1	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.2	ug/m3
KAFB-106109-250	SV109-250-212	4/13/2021	N	0.7	2.1	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.9	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.9	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	3.5	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.9	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.9	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	4.5	29	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	3.4	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	15	28	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	2.9	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	5.5	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.9	ug/m3
KAFB-106109-350	SV109-350-212	4/13/2021	N	0.93	2.8	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.7	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.7	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	3.2	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.7	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	4.1	26	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	3.1	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	13	25	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	2.6	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.6	4.9	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.6	ug/m3
KAFB-106109-450	SV109-450-212	4/13/2021	N	0.83	2.5	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.5	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.5	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	2.8	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.5	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	3.6	23	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	2.7	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	12	22	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	2.3	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.4	4.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	1.3	2.2	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.3	ug/m3
KAFB-106109-450	SV109-450-612	4/13/2021	FD	0.74	2.2	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.7	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.7	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	3.3	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.7	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	4.2	27	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	3.2	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	14	27	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	2.8	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	5.1	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.6	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-025	SV110-025-212	4/13/2021	N	0.87	2.7	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.5	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.5	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	2.8	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.5	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	3.5	23	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	2.7	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	12	22	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	2.3	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.4	4.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106110-050	SV110-050-212	4/13/2021	N	1.3	2.2	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106110-050	SV110-050-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	720	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	720	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	1400	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	720	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	1800	11000	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	1300	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	5700	11000	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	1300	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	5700	11000	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	1100	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	700	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	680	2100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	650	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-150	SV110-150-212	4/13/2021	N	360	1100	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	9000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	17000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5800	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5800	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	11000	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5800	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8700	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	14000	90000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	11000	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	46000	88000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	9000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	9000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	9200	17000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	9000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5600	9200	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8700	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8700	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5400	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	5300	8800	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	9000	ug/m3
KAFB-106110-250	SV110-250-212	4/13/2021	N	2900	8800	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	4000	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	4000	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	7600	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	4000	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	9700	62000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	7400	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	32000	61000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	6300	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3900	6300	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3700	12000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6000	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	3600	6100	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6200	ug/m3
KAFB-106110-250	SV110-250-612	4/13/2021	FD	2000	6100	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	480	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	480	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	910	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	480	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	720	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	1200	7500	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	890	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	3800	7300	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	750	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	750	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	760	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	750	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	460	760	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	720	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	750	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	450	1400	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	720	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	440	730	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	750	ug/m3
KAFB-106110-350	SV110-350-212	4/13/2021	N	240	730	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	66	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	42	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	42	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	81	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	81	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	42	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	64	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	100	660	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	79	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	340	650	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	66	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	66	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	67	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	66	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	41	67	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	64	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	66	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	40	120	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	64	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	39	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	66	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	21	65	ug/m3
KAFB-106110-450	SV110-450-212	4/13/2021	N	120	190	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	2.9	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	3.7	24	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	2.8	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	12	23	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	2.4	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	4.5	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.4	ug/m3
KAFB-106113-020	SV113-020-212	4/13/2021	N	0.76	2.3	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.6	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.6	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	3	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.6	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	3.9	25	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	2.9	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	13	24	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	2.5	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.5	4.7	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106113-050	SV113-050-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	2.9	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.5	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.3	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	3.8	24	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	2.9	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	12	24	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	2.4	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	4.5	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.3	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-150	SV113-150-212	4/13/2021	N	0.77	2.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.5	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.5	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	4.4	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.2	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-250	SV113-250-212	4/13/2021	N	0.74	2.3	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	83	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	83	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	160	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	83	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	120	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	200	1300	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	200	1300	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	150	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	660	1300	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	130	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	80	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	120	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	78	240	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	120	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	75	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-350	SV113-350-212	4/13/2021	N	41	130	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	650	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	420	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	420	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	800	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	420	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	630	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	1000	6500	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	770	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	3300	6400	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	650	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	650	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	660	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	650	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	400	660	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	630	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	650	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	390	1200	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	630	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	380	640	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	650	ug/m3
KAFB-106113-450	SV113-450-212	4/13/2021	N	210	640	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.5	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.5	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	2.9	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.5	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.2	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	3.7	23	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	2.8	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	12	23	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	2.4	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	4.4	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.2	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-212	4/13/2021	N	0.75	2.3	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.6	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.6	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	3.1	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.6	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	3.9	25	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	3	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	13	24	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106115-025	SV115-025-612	4/13/2021	FD	2.5	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.6	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	4.7	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	1.5	2.4	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.5	ug/m3
KAFB-106115-025	SV115-025-612	4/13/2021	FD	0.8	2.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.8	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.8	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	3.5	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.8	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	4.4	28	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	3.4	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	14	28	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	2.9	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.8	2.9	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	5.4	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.7	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3
KAFB-106115-050	SV115-050-212	4/13/2021	N	0.91	2.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.7	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.7	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	3.3	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.7	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	4.2	27	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	3.2	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	14	26	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	2.7	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	5	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.7	ug/m3
KAFB-106115-150	SV115-150-212	4/13/2021	N	0.85	2.6	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	9	28	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.8	5.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.8	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	3.4	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.8	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	4.4	28	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	3.3	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	14	28	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	2.9	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.7	5.3	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	1.6	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-050	SV123-050-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.4	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	4	25	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	3	4.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106123-150	SV123-150-212	4/12/2021	N	13	25	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	2.6	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.4	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-150	SV123-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.5	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	2.9	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.5	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	3.7	24	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	2.8	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	12	23	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	2.4	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	4.5	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106123-250	SV123-250-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.3	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.3	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	2.5	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.3	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	11	20	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	2.1	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.3	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	3.9	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	1.2	2	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2.1	ug/m3
KAFB-106123-350	SV123-350-212	4/12/2021	N	0.66	2	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	3.2	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	4	26	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	3.1	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	13	25	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	2.6	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	2.6	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.6	ug/m3
KAFB-106123-450	SV123-450-212	4/12/2021	N	0.83	2.5	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.8	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.8	5.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106131-025	SV131-025-212	4/13/2021	N	3.4	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.8	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	4.3	28	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	3.3	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	14	27	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	2.8	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.7	5.2	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.8	ug/m3
KAFB-106131-025	SV131-025-212	4/13/2021	N	0.89	2.7	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.6	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.6	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	3.1	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.6	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.4	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	4	25	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	3	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	13	25	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	2.6	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	4.8	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.4	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-055	SV131-055-212	4/13/2021	N	0.81	2.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.6	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.6	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	3	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.6	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.3	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	3.8	24	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	2.9	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	12	24	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	2.5	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.3	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.3	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	1.4	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-150	SV131-150-212	4/13/2021	N	0.78	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	15	24	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.6	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.6	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	3	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.6	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	3.8	25	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	2.9	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	12	24	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	2.9	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	12	24	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	2.5	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.5	4.6	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	1.4	2.4	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.5	ug/m3
KAFB-106131-245	SV131-245-212	4/13/2021	N	0.79	2.4	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106131-350	SV131-350-212	4/13/2021	N	22	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	22	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	42	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	22	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	33	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	54	340	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	41	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	180	340	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	35	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	35	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	33	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	21	65	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	33	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	20	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-350	SV131-350-212	4/13/2021	N	11	34	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	480	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	310	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	310	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	590	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	310	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	460	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	910	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106131-450	SV131-450-212	4/13/2021	N	760	4800	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	570	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	2500	4700	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	480	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	480	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	490	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	480	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	300	490	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	460	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	480	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	290	910	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	460	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	280	470	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	480	ug/m3
KAFB-106131-450	SV131-450-212	4/13/2021	N	150	470	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	56	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	36	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	36	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	69	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	36	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	54	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	88	560	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	67	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	290	550	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	56	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	56	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	58	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	56	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106132-025	SV132-025-212	4/12/2021	N	35	58	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	54	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	56	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	54	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	33	55	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	56	ug/m3
KAFB-106132-025	SV132-025-212	4/12/2021	N	18	55	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	70	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	45	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	45	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	86	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	86	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	45	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	68	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	110	700	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	84	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	360	690	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	70	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	70	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	72	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	70	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	44	72	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	68	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	70	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	43	130	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	68	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	41	69	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	70	ug/m3
KAFB-106132-050	SV132-050-212	4/12/2021	N	23	69	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	170	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	110	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	110	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	200	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	110	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	260	1700	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	200	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	850	1600	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	170	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	170	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	170	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	100	310	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	97	160	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	170	ug/m3
KAFB-106132-175	SV132-175-212	4/12/2021	N	53	160	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	68	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	68	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	130	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	68	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	170	1100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	130	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	540	1000	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	110	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	66	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	64	200	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	62	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	110	ug/m3
KAFB-106132-250	SV132-250-212	4/12/2021	N	34	100	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	3.3	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	4.2	27	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	3.2	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	14	26	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	2.7	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106132-350	SV132-350-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	9.2	28	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	3.5	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	4.5	29	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	3.4	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	15	28	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	2.9	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	5.4	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106132-450	SV132-450-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	3.5	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	4.5	29	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	3.4	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	4.5	29	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	3.4	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	15	28	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	2.9	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	5.4	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106134-025	SV134-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.9	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.9	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	3.7	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.9	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	2.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	4.7	30	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	3.6	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	15	30	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	3.1	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.9	3.1	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.9	3.1	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	5.7	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	2.9	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-050	SV134-050-212	4/12/2021	N	0.97	3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.8	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.8	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	3.4	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.8	5.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	4.4	28	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	3.3	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	14	27	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	2.8	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.7	5.3	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.8	ug/m3
KAFB-106134-170	SV134-170-212	4/12/2021	N	0.9	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.7	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.7	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	3.3	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.7	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	4.2	27	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	3.2	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	14	26	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	2.7	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	5.1	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106134-250	SV134-250-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	4.3	28	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	3.3	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	14	27	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	2.8	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.7	5.2	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.8	ug/m3
KAFB-106134-350	SV134-350-212	4/12/2021	N	0.89	2.7	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.7	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.7	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	3.2	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.7	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	4.1	26	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	3.1	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	13	25	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	2.6	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.6	4.9	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	1.5	2.5	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.6	ug/m3
KAFB-106134-350	SV134-350-612	4/12/2021	FD	0.83	2.5	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	24	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	70	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	24	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	46	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	24	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	36	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	58	370	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	44	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	190	370	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	38	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	38	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	36	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	23	70	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	36	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	22	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106134-450	SV134-450-212	4/12/2021	N	12	37	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	4	26	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	3	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	13	25	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	2.6	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106135-025	SV135-025-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	3.3	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	4.3	27	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	3.2	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	14	27	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	2.8	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	5.2	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.6	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-050	SV135-050-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	3.2	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	4.1	26	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	3.1	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	13	26	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	2.7	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	1.5	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106135-150	SV135-150-212	4/12/2021	N	8.5	25	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	67	200	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	3.2	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	4.1	26	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	3.1	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	13	26	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	2.7	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	2.7	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	1.5	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2.1	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2.1	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	4	6.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2.1	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	5.1	33	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	3.9	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	17	32	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	3.3	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	2	6.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.1	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1.9	3.2	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.3	ug/m3
KAFB-106135-250	SV135-250-612	4/12/2021	FD	1	3.2	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.7	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.7	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	3.3	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.7	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	4.2	27	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	3.2	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	14	26	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	2.7	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	5.1	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.7	ug/m3
KAFB-106135-350	SV135-350-212	4/12/2021	N	0.86	2.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	3	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.3	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	3.8	24	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	2.9	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	12	24	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	2.5	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.3	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.3	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106135-450	SV135-450-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.5	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.5	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	2.8	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.5	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.2	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	3.6	23	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	2.7	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	12	23	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	2.3	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.4	4.4	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.2	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	1.3	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-025	SV137-025-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	4.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	3.2	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	4	26	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	3.1	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	13	25	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	2.6	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-050	SV137-050-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	4	26	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106137-150	SV137-150-212	4/12/2021	N	3	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	13	25	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	2.6	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106137-150	SV137-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	2.8	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	3.5	23	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	2.7	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	11	22	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	2.3	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.4	4.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	1.3	2.2	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.3	ug/m3
KAFB-106137-250	SV137-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	3	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	3.8	25	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	2.9	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	12	24	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	2.5	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106137-350	SV137-350-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	80	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	150	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	80	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	190	1200	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	150	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	630	1200	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	130	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	77	130	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	75	230	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	73	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106137-450	SV137-450-212	4/12/2021	N	40	120	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.8	5.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106139-025	SV139-025-212	4/12/2021	N	3.5	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	4.5	29	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	3.4	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	15	28	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	2.9	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	5.4	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.9	ug/m3
KAFB-106139-025	SV139-025-212	4/12/2021	N	0.92	2.8	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.9	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.9	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	3.6	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.9	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	4.6	30	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	3.5	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	15	29	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	3	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.8	5.6	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	3	ug/m3
KAFB-106139-050	SV139-050-212	4/12/2021	N	0.95	2.9	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.5	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	2.9	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.5	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	3.7	24	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	2.8	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	12	23	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	2.4	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.5	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	4.5	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.4	ug/m3
KAFB-106139-050	SV139-050-612	4/12/2021	FD	0.76	2.3	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	14	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	14	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	27	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	14	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	34	220	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	26	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	110	210	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	110	210	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	22	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	14	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	41	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	13	21	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	22	ug/m3
KAFB-106139-150	SV139-150-212	4/12/2021	N	7	21	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.5	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.5	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	2.8	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.5	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.2	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	3.6	23	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	2.8	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	12	23	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	2.4	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	4.4	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.2	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	0.74	2.3	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	7.4	23	ug/m3
KAFB-106139-350	SV139-350-212	4/12/2021	N	7.4	23	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	2	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	2	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	3.8	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	2	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	5.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106139-450	SV139-450-212	4/12/2021	N	4.8	31	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	3.7	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	16	30	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	3.1	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.9	5.8	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3.1	ug/m3
KAFB-106139-450	SV139-450-212	4/12/2021	N	0.99	3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.5	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.5	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	2.8	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.5	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	3.5	23	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	2.7	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	12	22	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	2.3	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.4	4.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	1.3	2.2	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.3	ug/m3
KAFB-106140-025	SV140-025-212	4/12/2021	N	0.73	2.2	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	2	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	2	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	3.7	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	2	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	2.9	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	4.8	30	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	3.6	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	16	30	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	3.1	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.9	3.1	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	5.8	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	2.9	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-050	SV140-050-212	4/12/2021	N	0.98	3	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	4	26	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	3	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	13	25	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.6	ug/m3
KAFB-106140-150	SV140-150-212	4/12/2021	N	0.82	2.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.9	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.9	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	3.5	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.9	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	4.5	29	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	3.4	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	15	28	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	2.9	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	5.5	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.9	ug/m3
KAFB-106140-250	SV140-250-212	4/12/2021	N	0.93	2.8	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	3	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.3	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	3.8	24	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	2.9	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	12	24	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	2.5	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.3	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.3	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-350	SV140-350-212	4/12/2021	N	0.77	2.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.5	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.5	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	6.8	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.5	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	8.6	55	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	6.6	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	28	54	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	5.6	10	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.4	5.6	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.3	10	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.3	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	3.2	5.4	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.5	ug/m3
KAFB-106140-450	SV140-450-212	4/12/2021	N	1.8	5.4	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.7	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.7	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	7.2	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.7	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.6	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	9.1	58	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	6.9	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	30	57	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	5.9	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.6	5.9	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.6	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.5	11	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.6	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	3.4	5.7	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.8	ug/m3
KAFB-106140-450	SV140-450-612	4/12/2021	FD	1.9	5.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.6	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.6	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	3.1	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.6	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.4	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	3.9	25	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	3	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	13	25	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	2.6	4.7	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.4	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.4	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.4	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-150	SV14-150-212	4/13/2021	N	0.8	2.5	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.7	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.7	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	3.3	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.7	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	4.2	27	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	3.2	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	14	26	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	2.7	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.7	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	5.1	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-250	SV14-250-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.7	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.7	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	3.3	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.7	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	4.2	27	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	3.2	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	14	26	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	2.7	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.7	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.7	2.7	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	5.1	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.7	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	0.86	2.6	ug/m3
SVMW-14-350	SV14-350-212	4/13/2021	N	16	26	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.6	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.6	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.6	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	3.1	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.6	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.4	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	3.9	25	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	3	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	13	25	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	2.6	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.6	2.6	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	4.8	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.4	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-212	4/13/2021	N	0.81	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.6	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.6	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	3	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.6	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	3.9	25	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	2.9	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	13	24	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	2.5	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.5	4.7	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	1.4	2.4	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.5	ug/m3
SVMW-14-450	SV14-450-612	4/13/2021	FD	0.79	2.4	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	2	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	2	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	3.9	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	2	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	5	32	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	3.8	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	16	31	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	3.2	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	2	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	6	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1.9	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.2	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	1	3.1	ug/m3
SVEW-12-410	SVE12-410-212	4/13/2021	N	19	31	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.5	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.5	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	2.8	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.5	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	3.5	23	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	2.7	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	12	22	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	2.3	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.4	4.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	1.3	2.2	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.3	ug/m3
KAFB-106115-250	SV115-250-212	4/13/2021	N	0.73	2.2	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.7	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.7	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	3.2	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.7	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.5	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	4.1	26	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	3.1	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	13	26	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	2.7	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.7	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.5	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.6	4.9	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.5	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	1.5	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-350	SV115-350-212	4/13/2021	N	0.84	2.6	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	170	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	170	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	320	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	170	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	250	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	250	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	410	2600	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	310	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	1300	2600	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	270	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	270	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	250	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	160	500	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	250	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	150	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106115-450	SV115-450-212	4/13/2021	N	84	260	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	5.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	3.3	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.8	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	4.3	27	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	3.2	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	14	27	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	2.8	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.7	2.8	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	5.2	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.6	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-212	4/12/2021	N	0.88	2.7	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	7.1	22	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.4	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.4	4.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106120-025	SV120-025-612	4/12/2021	FD	2.7	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.4	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.1	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	3.5	22	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	2.6	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	11	22	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	2.3	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.4	2.3	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.1	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	4.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.1	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	1.3	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-025	SV120-025-612	4/12/2021	FD	0.71	2.2	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	7.8	24	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	3	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	3.8	24	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	2.9	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	12	24	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	2.5	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.3	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-050	SV120-050-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.9	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.9	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	3.7	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.9	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	4.7	30	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	3.5	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	15	29	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	3	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.9	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	3	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.8	5.6	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	1.7	2.9	ug/m3
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106120-150	SV120-150-212	4/12/2021	N	0.96	2.9	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	2.7	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	3.5	22	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	2.7	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	11	22	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	2.3	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	1.3	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-250	SV120-250-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.6	14	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.6	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	8.8	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.6	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	6.9	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	11	72	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	8.5	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	36	70	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	7.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.5	7.3	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	6.9	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.3	14	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	6.9	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	4.2	7	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7.2	ug/m3
KAFB-106120-350	SV120-350-212	4/12/2021	N	2.3	7	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	78	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	50	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	50	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	95	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	50	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	75	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	120	780	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106120-450	SV120-450-212	4/12/2021	N	92	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	400	760	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	78	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	78	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	79	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	78	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	48	79	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	75	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	78	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	47	150	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	75	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	45	76	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	78	ug/m3
KAFB-106120-450	SV120-450-212	4/12/2021	N	25	76	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2.2	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2.2	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	4.1	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2.2	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	5.3	34	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	4	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	17	33	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	3.4	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2.1	3.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	6.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.2	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	2	3.3	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-025	SV121-025-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.2	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.2	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	4.2	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.2	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.2	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	5.4	35	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	4.1	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	18	34	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	3.5	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.2	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2.1	6.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.3	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	2	3.4	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.5	ug/m3
KAFB-106121-050	SV121-050-212	4/12/2021	N	1.1	3.4	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	2.7	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	3.5	22	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	2.7	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	11	22	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	2.3	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.4	4.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	1.3	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-212	4/12/2021	N	0.72	2.2	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.7	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.7	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	3.3	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.7	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	4.2	27	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	3.2	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	14	27	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	2.8	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.7	2.8	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	5.1	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.6	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	1.6	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-145	SV121-145-612	4/12/2021	FD	0.87	2.7	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.4	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	3.9	25	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	3	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	13	25	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	2.6	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.4	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-250	SV121-250-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.5	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.5	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	2.9	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.5	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	3.7	24	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	2.8	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	12	23	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	2.4	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	4.5	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106121-350	SV121-350-212	4/12/2021	N	1.4	2.3	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.4	ug/m3
KAFB-106121-350	SV121-350-212	4/12/2021	N	0.76	2.3	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	3.3	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	4.2	27	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	3.2	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	14	26	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	2.7	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.7	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.7	ug/m3
KAFB-106121-450	SV121-450-212	4/12/2021	N	0.85	2.6	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	4.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.6	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.6	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	3	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.6	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	3.9	25	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	2.9	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	13	24	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	2.5	4.7	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.5	ug/m3
KAFB-106122-025	SV122-025-212	4/12/2021	N	0.79	2.4	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	3.2	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.7	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	4.1	26	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	3.1	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	13	26	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	2.7	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.6	5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.5	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	1.5	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-050	SV122-050-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.4	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	4	25	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	3	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	13	25	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	2.6	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.4	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-150	SV122-150-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	3.2	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	3.2	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.7	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.5	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	4.1	26	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	3.1	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	13	26	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	2.7	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.7	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.5	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.6	4.9	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.5	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	1.5	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-250	SV122-250-212	4/12/2021	N	0.84	2.6	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	3.1	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.6	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.4	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	3.9	25	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	3	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	13	25	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.6	2.6	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	4.8	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.4	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-350	SV122-350-212	4/12/2021	N	0.81	2.5	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	33	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	33	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	63	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	33	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	49	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	81	510	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	61	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	260	500	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	52	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	32	52	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	49	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	31	97	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	49	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	30	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	30	50	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	51	ug/m3
KAFB-106122-450	SV122-450-212	4/12/2021	N	16	50	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	3	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.6	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	3.8	24	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	2.9	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	12	24	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	2.5	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.5	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.5	4.6	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.3	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	1.4	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	0.78	2.4	ug/m3
KAFB-106123-025	SV123-025-212	4/12/2021	N	7.8	24	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3400	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3400	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3400	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	6400	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3400	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	8200	52000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	6200	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	27000	51000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	5300	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3300	5300	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5200	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3200	9900	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5000	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	3100	5100	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5200	ug/m3
KAFB-106V1-160	SV1-160-212	4/20/2021	N	1700	5100	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	12000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	12000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	22000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	12000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	17000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	28000	180000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	28000	180000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	21000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	92000	180000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	18000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	17000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	34000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	17000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	11000	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-217	SV1-217-212	4/20/2021	N	5800	18000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	17000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	17000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	32000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	17000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	25000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	41000	260000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	31000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	130000	260000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	27000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	27000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	16000	49000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	25000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	15000	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-252	SV1-252-212	4/20/2021	N	8400	26000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	13000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	13000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	25000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	13000	39000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	32000	210000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	24000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	100000	200000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	21000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	39000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	12000	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	21000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	6600	20000	ug/m3
KAFB-106V1-263	SV1-263-212	4/20/2021	N	25000	40000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	27000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	21000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	35000	220000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	110000	220000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	23000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	14000	23000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	42000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	21000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	7100	22000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	27000	44000	ug/m3
KAFB-106V2-102	SV2-102-212	4/20/2021	N	27000	44000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	27000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	27000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	52000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	27000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	41000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	66000	420000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	50000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	220000	420000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	43000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	43000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	41000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	26000	80000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	41000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	25000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3
KAFB-106V2-117	SV2-117-212	4/20/2021	N	14000	42000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	340	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	220	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	220	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	420	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	220	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	530	3400	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	410	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	1700	3300	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	340	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	350	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	340	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	350	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	340	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	210	640	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	200	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	340	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	110	330	ug/m3
KAFB-106V2-160	SV2-160-212	4/20/2021	N	620	1000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	15000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	15000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	29000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	15000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	23000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	38000	240000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	29000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	120000	240000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	24000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	15000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	23000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	23000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	45000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	23000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	14000	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-217	SV2-217-212	4/20/2021	N	7700	24000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1600	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1600	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	3000	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1600	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	3800	25000	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	2900	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	13000	24000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	2500	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1500	4600	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	1400	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2500	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	790	2400	ug/m3
KAFB-106V2-252	SV2-252-212	4/20/2021	N	2400	7200	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2900	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	5500	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2900	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4300	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	7000	45000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	5300	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	23000	44000	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	4500	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2800	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4300	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	4400	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2700	8400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4300	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	2600	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4500	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	1400	4400	ug/m3
KAFB-106V2-270	SV2-270-212	4/20/2021	N	3600	11000	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.5	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.8	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.8	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	9.3	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.8	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.3	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.8	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.3	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	12	75	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	9	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	38	74	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.5	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.5	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	7.7	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.5	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.7	7.7	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.3	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.5	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.6	14	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.3	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	4.4	7.4	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.5	ug/m3
SVEW-01-260	SVE01-260-212	4/20/2021	N	2.4	7.4	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1200	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1200	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	2300	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1200	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1800	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	3000	19000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	2300	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	9700	19000	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1900	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1200	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1800	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1200	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1800	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	3600	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1800	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	1100	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	610	1900	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	3000	9300	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	5700	9300	ug/m3
SVEW-02-060	SVE02-060-212	4/20/2021	N	5700	9300	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	110	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	110	320	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-03-160	SVE03-160-212	4/20/2021	N	210	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	110	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	160	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	270	1700	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	200	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	870	1700	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	170	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	110	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	160	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	320	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	160	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	100	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-03-160	SVE03-160-212	4/20/2021	N	55	170	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	89	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	89	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	170	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	89	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	130	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	220	1400	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	170	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	710	1400	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	140	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	87	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	130	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	84	260	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	130	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	81	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-04-313	SVE04-313-212	4/20/2021	N	45	140	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	65	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	65	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	120	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	65	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	97	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	160	1000	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	120	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	510	990	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	100	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	63	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	97	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	99	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	61	190	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	97	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	59	99	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	100	ug/m3
SVEW-05-460	SVE05-460-212	4/20/2021	N	32	99	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.7	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.7	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	17	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.7	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	21	140	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	16	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	69	130	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	14	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.5	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8.2	26	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	8	13	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	14	ug/m3
SVEW-10-410	SVE10-410-212	4/19/2021	N	4.4	13	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.7	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.7	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	19	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.7	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	24	150	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	18	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	77	150	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	15	29	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.4	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	9.1	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	8.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-10-410	SVE10-410-612	4/19/2021	FD	4.9	15	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	91	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	58	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	58	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	110	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	58	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	88	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	170	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-11-410	SVE11-410-212	4/20/2021	N	140	910	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	110	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	460	890	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	91	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	91	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	93	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	91	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	57	93	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	88	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	91	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	55	170	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	88	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	53	89	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	91	ug/m3
SVEW-11-410	SVE11-410-212	4/20/2021	N	29	89	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	64	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	64	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	120	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	64	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	96	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	160	1000	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	120	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	510	980	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	100	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-11-410	SVE11-410-612	4/20/2021	FD	62	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	96	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	60	190	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	96	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	59	98	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	100	ug/m3
SVEW-11-410	SVE11-410-612	4/20/2021	FD	32	98	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1200	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1200	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	2900	19000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	2200	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	9500	18000	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1900	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1200	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	3500	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	1100	1800	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1900	ug/m3
SVEW-13-410	SVE13-410-212	4/19/2021	N	600	1800	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	2000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1300	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1300	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	2400	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1300	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	3100	20000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	2400	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	10000	19000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	2000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	2000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	2000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	3700	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	1200	1900	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	2000	ug/m3
SVMW-03-050	SV03-050-212	4/5/2021	N	630	1900	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	3	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.6	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.3	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	3.8	24	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	2.9	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	12	24	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	2.5	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.3	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.5	4.6	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.3	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	1.4	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-212	4/6/2021	N	0.78	2.4	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	4.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	5.2	33	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	4	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	17	33	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	3.4	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2.1	3.4	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	6.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.2	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	2	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-150	SV138-150-612	4/6/2021	FD	1.1	3.3	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	3.3	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	4.2	27	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	14	26	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	2.7	5.1	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	5.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106138-250	SV138-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.9	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.9	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	3.7	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.9	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	4.7	30	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	3.6	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	15	29	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	3.1	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.9	3.1	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	5.7	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-350	SV138-350-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.9	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.9	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	3.7	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.9	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	4.7	30	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	3.5	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	15	29	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	3	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.9	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.9	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.8	5.6	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	1.7	2.9	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	3	ug/m3
KAFB-106138-450	SV138-450-212	4/6/2021	N	0.96	2.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	3.2	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.7	4.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	4	26	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	3.1	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	13	25	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	2.6	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106141-025	SV141-025-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.8	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.8	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	3.4	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.8	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	4.3	28	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	3.3	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	14	27	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	2.8	5.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.7	5.2	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.8	ug/m3
KAFB-106141-050	SV141-050-212	4/6/2021	N	0.88	2.7	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.6	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	4	26	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	3	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	13	25	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	2.6	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	4.8	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.6	ug/m3
KAFB-106141-170	SV141-170-212	4/6/2021	N	0.82	2.5	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	3.3	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.7	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	4.2	27	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	3.2	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	14	26	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	2.7	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	5.1	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.7	ug/m3
KAFB-106141-250	SV141-250-212	4/6/2021	N	0.86	2.6	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	5.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	3.5	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	4.4	28	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	3.4	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	14	28	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	2.9	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	5.3	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.7	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-350	SV141-350-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	3.5	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	4.4	28	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	3.4	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	14	28	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	2.9	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	5.3	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.7	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106141-450	SV141-450-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	3.5	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.8	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	4.4	28	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	3.4	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	14	28	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	2.9	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	5.3	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.7	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	1.7	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-030	SV142-030-212	4/6/2021	N	0.91	2.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.9	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.9	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	3.6	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.9	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	4.6	29	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	3.5	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	15	29	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	3	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	3	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.8	5.5	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.8	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	1.7	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-050	SV142-050-212	4/6/2021	N	0.94	2.9	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	4.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.5	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.5	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	2.9	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.5	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	3.7	23	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	2.8	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	12	23	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	2.4	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.5	2.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	4.4	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	1.4	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-212	4/6/2021	N	0.75	2.3	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	2	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	2	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	3.8	5.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	2	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	4.9	31	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	3.7	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	16	31	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	3.2	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.2	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.9	5.9	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1.8	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-170	SV142-170-612	4/6/2021	FD	1	3.1	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	3.2	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.7	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	4.1	26	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	3.1	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	13	26	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	2.7	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.7	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.6	5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.5	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	1.5	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-250	SV142-250-212	4/6/2021	N	0.85	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	3.2	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.7	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	4.1	26	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	3.1	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	13	25	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	2.6	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.6	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.6	4.9	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	1.5	2.5	ug/m3
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106142-350	SV142-350-212	4/6/2021	N	0.83	2.5	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	340	560	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	7.3	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	7.3	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	14	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	7.3	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	18	110	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	13	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	58	110	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	12	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	7.1	12	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.8	21	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	6.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
KAFB-106142-450	SV142-450-212	4/6/2021	N	3.6	11	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	5000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3200	9400	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3200	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	6100	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3200	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4800	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	7800	50000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	5900	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	25000	49000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	5000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	5000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	5100	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	5000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3100	5100	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4800	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	5000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	3000	9400	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4800	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	2900	4900	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	5000	ug/m3
SVEW-06-060	SVE06-060-212	4/5/2021	N	1600	4900	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2900	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2900	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	5500	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2900	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4300	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	7000	45000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-06-060	SVE06-060-612	4/5/2021	FD	5300	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	23000	44000	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	4600	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2800	4600	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4300	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2700	8400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4300	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	2600	4400	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4500	ug/m3
SVEW-06-060	SVE06-060-612	4/5/2021	FD	1400	4400	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3700	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3700	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	7100	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3700	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5600	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	9000	58000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	6900	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	29000	57000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	5900	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3600	5900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5600	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3500	11000	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5600	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	3400	5700	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5800	ug/m3
SVEW-07-160	SVE07-160-212	4/5/2021	N	1900	5700	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	440	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	280	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	280	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	540	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	280	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	280	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	420	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	690	4400	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	520	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	2200	4300	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	440	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	440	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	450	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	440	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	450	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	420	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	440	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	270	830	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	420	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	260	430	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	440	ug/m3
SVEW-08-260	SVE08-260-212	4/5/2021	N	140	430	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	67	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	67	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	130	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	67	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	160	1000	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	120	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	530	1000	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	110	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	65	110	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	63	200	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	61	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVEW-09-460	SVE09-460-212	4/5/2021	N	34	100	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	75	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-10-250	SV10-250-212	4/20/2021	N	75	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	140	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	75	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	110	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	180	1200	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	140	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	600	1200	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	120	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	73	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	110	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	71	220	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	110	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	69	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-10-250	SV10-250-212	4/20/2021	N	38	120	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1400	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1400	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	2700	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1400	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2100	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	3500	22000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	2600	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	11000	22000	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	2300	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1400	2300	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2100	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	4200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2100	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	1300	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-050	SV11-050-212	4/20/2021	N	710	2200	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	990	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	990	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	1900	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	990	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	2400	15000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	1800	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	7900	15000	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	1600	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	960	1600	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	930	2900	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-11-100	SV11-100-212	4/20/2021	N	900	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-100	SV11-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	310	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	310	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	590	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	310	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	470	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	760	4800	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	580	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	2500	4800	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	490	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	300	490	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	470	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	290	920	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	470	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	280	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	160	480	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	620	1900	ug/m3
SVMW-11-250	SV11-250-212	4/20/2021	N	1200	1900	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	2000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	670	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	670	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	1300	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	670	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	1600	10000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	1200	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	5300	10000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	1100	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	650	1100	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	630	2000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	610	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-11-260	SV11-260-212	4/20/2021	N	330	1000	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.4	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.4	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	2.6	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.4	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	3.4	22	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	2.6	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	11	21	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	2.2	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	4.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	1.3	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.2	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	0.69	2.1	ug/m3
SVMW-12-150	SV12-150-212	4/19/2021	N	6.9	22	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.5	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	2.8	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.5	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.2	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	3.6	23	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	2.8	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	12	23	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	2.4	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	4.4	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.2	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	1.4	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	0.74	2.3	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	14	23	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	15	44	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	7.4	23	ug/m3
SVMW-12-250	SV12-250-212	4/19/2021	N	7.4	23	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	3	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	3.8	24	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	2.9	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	12	24	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	2.5	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	1.4	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-350	SV12-350-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	3	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	3.8	24	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	2.9	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	12	24	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.3	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	1.4	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-12-450	SV12-450-212	4/19/2021	N	7.8	24	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	200	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	200	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	380	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	200	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	300	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	490	3100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	370	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	1600	3100	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	320	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	320	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	300	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	190	590	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	300	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	180	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-150	SV13-150-212	4/20/2021	N	100	310	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.5	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.5	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	2.8	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.5	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	3.6	23	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	2.7	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	12	22	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	2.3	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.4	4.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.3	ug/m3
SVMW-13-250	SV13-250-212	4/20/2021	N	0.73	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.4	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.4	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	2.7	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.4	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	3.4	22	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	2.6	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	11	22	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	2.2	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.4	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	4.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.1	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	1.3	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-350	SV13-350-212	4/20/2021	N	0.71	2.2	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.7	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.7	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	3.2	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.7	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	4.1	26	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	3.1	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	13	26	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	2.7	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.7	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.6	5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.5	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	1.5	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-13-450	SV13-450-212	4/20/2021	N	0.84	2.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	3	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	3.8	24	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	2.9	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	12	24	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	2.5	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.3	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	1.4	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-150	SV15-150-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.2	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.2	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	2.2	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-15-250	SV15-250-212	4/19/2021	N	1.2	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.7	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	2.8	18	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	2.2	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	9.2	18	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.8	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.7	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	3.4	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.7	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	1.1	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-250	SV15-250-212	4/19/2021	N	0.58	1.8	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	130	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	130	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	240	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	130	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	310	2000	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	230	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	1000	1900	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-15-350	SV15-350-212	4/19/2021	N	200	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	370	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	120	190	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	200	ug/m3
SVMW-15-350	SV15-350-212	4/19/2021	N	63	190	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	6300	10000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1700	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1700	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	3200	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1700	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2500	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	4100	26000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	3100	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	13000	26000	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	2700	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2700	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2500	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1600	4900	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2500	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	1500	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3
SVMW-15-450	SV15-450-212	4/19/2021	N	840	2600	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.7	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.7	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	3.2	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.7	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	4.1	26	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	3.1	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	13	26	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	2.7	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.7	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.6	5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.5	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	1.5	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-050	SV01-050-212	4/19/2021	N	0.85	2.6	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9600	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9600	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	18000	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9600	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	14000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	23000	150000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	18000	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	76000	150000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	15000	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9300	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	14000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	14000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	9000	28000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	14000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	8700	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-100	SV01-100-212	4/19/2021	N	4800	15000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6300	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	4000	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	4000	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	7700	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	4000	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6100	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	9800	63000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	7500	12000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-01-250	SV01-250-212	4/19/2021	N	32000	62000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6300	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6300	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	6400	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6300	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3900	6400	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6100	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6300	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3800	12000	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6100	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	3700	6200	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6300	ug/m3
SVMW-01-250	SV01-250-212	4/19/2021	N	2000	6200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	67	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	130	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	67	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	160	1000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	120	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	530	1000	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	110	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	65	110	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-01-300	SV01-300-212	4/19/2021	N	63	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	63	200	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	61	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-01-300	SV01-300-212	4/19/2021	N	34	100	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	70	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	45	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	45	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	85	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	45	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	67	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	45	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	67	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	110	700	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	83	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	350	680	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	70	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	70	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	71	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	70	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	43	71	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	67	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	70	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	42	130	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	67	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	41	68	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	70	ug/m3
SVMW-02-050	SV02-050-212	4/19/2021	N	22	68	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4700	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4700	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	9000	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4700	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	11000	73000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	8700	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	37000	72000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	7500	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4600	7500	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4400	14000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	4300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7300	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	2300	7200	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	7000	22000	ug/m3
SVMW-02-100	SV02-100-212	4/19/2021	N	13000	22000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8200	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	5200	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	5200	15000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-02-150	SV02-150-212	4/19/2021	N	10000	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	5200	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	7900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	13000	82000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	9700	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	42000	80000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8200	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8200	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	8300	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8200	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	5100	8300	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	7900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8200	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4900	15000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	7900	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	4800	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8200	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	2600	8000	ug/m3
SVMW-02-150	SV02-150-212	4/19/2021	N	9900	16000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7900	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	5000	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	5000	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	9700	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	5000	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7600	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	12000	79000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	9400	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	40000	77000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7900	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	8000	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7900	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4900	8000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7600	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7900	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4800	15000	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7600	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	4600	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7900	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	2500	7700	ug/m3
SVMW-02-150	SV02-150-612	4/19/2021	FD	12000	20000	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	3	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	3.8	24	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	2.9	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	12	24	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	2.5	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.3	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	1.4	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.5	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.5	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	2.8	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.5	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.2	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	3.6	23	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	2.7	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	12	23	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	2.3	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.2	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.4	4.4	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.2	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	1.3	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-050	SV05-050-612	4/19/2021	FD	0.74	2.3	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-05-100	SV05-100-212	4/19/2021	N	5.2	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	5.2	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	10	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	5.2	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	7.8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	13	81	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	9.7	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	41	80	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	8.3	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	5.1	8.3	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	7.8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.9	15	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	7.8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	4.8	8	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8.1	ug/m3
SVMW-05-100	SV05-100-212	4/19/2021	N	2.6	8	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6100	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3900	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3900	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	7500	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3900	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	5900	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	9600	61000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-05-230	SV05-230-212	4/19/2021	N	7300	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	31000	60000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6100	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6100	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	6300	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6100	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3800	6300	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	5900	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6100	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3700	12000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	5900	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	3600	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6100	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	2000	6000	ug/m3
SVMW-05-230	SV05-230-212	4/19/2021	N	11000	18000	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	30	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	19	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	19	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	37	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	19	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	47	300	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	36	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	150	290	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	30	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	30	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	31	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	30	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-05-290	SV05-290-212	4/19/2021	N	19	31	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	30	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	57	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	18	29	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	30	ug/m3
SVMW-05-290	SV05-290-212	4/19/2021	N	9.6	29	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	3	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	3	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.6	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	3.8	24	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	2.9	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	12	24	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	2.5	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.3	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.5	4.6	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.3	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	1.4	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-050	SV06-050-212	4/19/2021	N	0.78	2.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.6	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.6	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	3.1	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.6	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	4	25	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	3	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	13	25	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	2.6	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.6	2.6	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	4.8	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.4	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	1.5	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-212	4/19/2021	N	0.82	2.5	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.5	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.5	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	2.9	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.5	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.2	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	3.7	23	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	2.8	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	12	23	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	2.4	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.5	2.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.2	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	4.4	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.2	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	1.4	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-100	SV06-100-612	4/19/2021	FD	0.75	2.3	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1200	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1200	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	2300	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1200	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	2900	18000	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	2200	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	9400	18000	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1900	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1900	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	3500	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	1100	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-252	SV06-252-212	4/19/2021	N	590	1800	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.2	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.2	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	6.2	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.2	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	4.9	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	7.9	51	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	6	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	26	50	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	5.2	9.6	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.2	5.2	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	4.9	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3.1	9.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	4.9	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	3	5	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5.1	ug/m3
SVMW-06-302	SV06-302-212	4/19/2021	N	1.6	5	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1400	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1400	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	2700	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1400	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2100	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	3500	22000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	2600	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	11000	22000	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	2300	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1400	2300	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2100	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	4200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2100	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	1300	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	710	2200	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	4100	6700	ug/m3
SVMW-07-050	SV07-050-212	4/21/2021	N	4100	6700	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-07-100	SV07-100-212	4/21/2021	N	530	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	1100	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	1100	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	2000	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	1100	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	2600	16000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	2000	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	8400	16000	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	1700	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	1000	1700	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	990	3100	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	960	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	530	1600	ug/m3
SVMW-07-100	SV07-100-212	4/21/2021	N	3000	4800	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.5	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.5	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	2.8	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.5	4.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	3.6	23	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	2.7	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	12	22	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	2.3	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.4	4.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	1.3	2.2	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.3	ug/m3
SVMW-07-150	SV07-150-212	4/21/2021	N	0.74	2.2	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	11000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	11000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	21000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	11000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	16000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	27000	170000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	20000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	86000	170000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	17000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-10-050	SV10-050-212	4/20/2021	N	11000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	16000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	10000	32000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	16000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	9900	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	5400	17000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	11000	33000	ug/m3
SVMW-10-050	SV10-050-212	4/20/2021	N	20000	33000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	990	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	990	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	1900	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	990	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	2400	15000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	1800	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	7900	15000	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	1600	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	960	1600	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	930	2900	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	900	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	500	1500	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	2800	4600	ug/m3
SVMW-10-100	SV10-100-212	4/20/2021	N	2800	4600	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	510	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	330	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	330	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	620	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	330	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	490	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	800	5100	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	600	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	2600	5000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	510	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	510	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	520	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	510	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	320	520	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	490	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	510	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	310	960	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	490	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	300	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	510	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	160	500	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	1200	2000	ug/m3
SVMW-10-150	SV10-150-212	4/20/2021	N	1200	2000	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	7.6	23	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	15	45	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	4.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	2.9	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	3.7	24	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	2.8	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	12	23	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	2.4	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	4.5	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106V3-007	SV3-007-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.6	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	3	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.6	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	3.8	25	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	12	24	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	2.5	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.5	4.6	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	1.4	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.5	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	0.79	2.4	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	7.9	24	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	16	46	ug/m3
KAFB-106V3-007	SV3-007-612	4/20/2021	FD	29	46	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.5	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	2.8	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.5	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	3.6	23	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	2.7	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	12	22	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	2.3	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.4	4.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V3-015	SV3-015-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.3	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	0.73	2.2	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	15	45	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	28	45	ug/m3
KAFB-106V3-015	SV3-015-212	4/20/2021	N	29	86	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.3	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.3	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	2.4	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.3	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	1.9	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	3.1	20	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	3.1	20	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	2.4	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	10	20	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	2	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	3.8	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	1.9	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	1.2	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	0.64	2	ug/m3
KAFB-106V3-272	SV3-272-212	4/20/2021	N	6.4	20	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	40000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	26000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	20000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	33000	210000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	25000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	110000	210000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	21000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	20000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	20000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	12000	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-102	SV1-102-212	4/20/2021	N	6700	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	14000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	14000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	26000	40000	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	14000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	20000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	33000	210000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	25000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	110000	210000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	22000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	22000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	20000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	13000	40000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	20000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	12000	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106V1-113	SV1-113-212	4/20/2021	N	6800	21000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	2200	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	2800	18000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	2100	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	9000	17000	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1800	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1800	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1100	3300	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	1000	1700	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1800	ug/m3
KAFB-106119-250	SV119-250-212	4/20/2021	N	560	1700	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	970	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	1900	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	970	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	2400	15000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	1800	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	7700	15000	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	1500	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	950	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	920	2900	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	890	1500	ug/m3
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106119-350	SV119-350-212	4/20/2021	N	490	1500	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.6	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.6	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	3.1	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.6	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	4	26	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	3	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	13	25	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	2.6	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	4.8	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.6	ug/m3
KAFB-106119-450	SV119-450-212	4/20/2021	N	0.82	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.6	4.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.6	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	3.1	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.6	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	3.9	25	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	3	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	13	24	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	2.5	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.6	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	4.7	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-025	SV126-025-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.6	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.6	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	3.1	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.6	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	3.9	25	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106126-050	SV126-050-212	4/20/2021	N	3	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	13	24	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	2.5	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.6	2.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	4.7	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.5	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	0.8	2.4	ug/m3
KAFB-106126-050	SV126-050-212	4/20/2021	N	8	25	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.7	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.7	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	3.3	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.7	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	4.2	27	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	3.2	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	14	26	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	2.7	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.7	2.7	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	5	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.7	ug/m3
KAFB-106126-150	SV126-150-212	4/20/2021	N	0.85	2.6	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.4	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.4	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	2.6	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.4	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.4	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	3.4	22	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	2.6	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	11	21	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	2.2	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	4.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.2	ug/m3
KAFB-106126-250	SV126-250-212	4/20/2021	N	0.69	2.1	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	12	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	12	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	22	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	12	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	29	180	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	22	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	93	180	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	19	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	19	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	19	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	35	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	11	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-350	SV126-350-212	4/20/2021	N	5.9	18	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	290	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106126-450	SV126-450-212	4/20/2021	N	290	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	550	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	290	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	430	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	700	4500	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	530	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	2300	4400	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	450	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	280	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	430	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	270	840	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	430	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	260	440	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	450	ug/m3
KAFB-106126-450	SV126-450-212	4/20/2021	N	140	440	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	2.9	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.2	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	3.7	23	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	2.8	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	12	23	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	2.4	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	4.4	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.2	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-025	SV129-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.5	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.5	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	2.9	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.5	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	3.7	24	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	2.8	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	12	23	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	2.4	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	4.5	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106129-050	SV129-050-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.4	ug/m3
KAFB-106129-050	SV129-050-212	4/19/2021	N	0.77	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.5	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.5	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	2.8	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.5	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	3.5	23	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	2.7	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	12	22	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	2.7	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	12	22	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	2.3	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	1.3	2.2	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.3	ug/m3
KAFB-106129-150	SV129-150-212	4/19/2021	N	0.73	2.2	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	4.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.6	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.6	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	3	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.6	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	3.8	24	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	2.9	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	12	24	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	2.5	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.5	4.6	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.3	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	1.4	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-250	SV129-250-212	4/19/2021	N	0.78	2.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	2.8	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	3.6	23	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	2.8	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	12	23	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	2.4	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	4.4	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-350	SV129-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	32	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	32	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	61	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	32	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	48	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	78	500	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	60	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	260	490	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	51	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	50	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	31	51	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	48	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	30	95	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	48	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	29	49	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106129-450	SV129-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.4	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.4	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	2.7	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.4	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	2.7	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.4	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.1	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	3.5	22	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	2.6	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	11	22	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	2.3	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.1	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	4.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.1	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	1.3	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-025	SV130-025-212	4/20/2021	N	0.71	2.2	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	2.3	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.8	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	3	19	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	2.3	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	9.7	19	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.8	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.2	3.6	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.8	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	1.1	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-050	SV130-050-212	4/20/2021	N	0.61	1.9	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.6	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.6	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	13	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.6	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	9.8	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	16	100	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	12	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	52	100	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	10	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.4	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	9.8	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6.2	19	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	9.8	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	6	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-150	SV130-150-212	4/20/2021	N	3.3	10	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.6	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.6	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	3	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.6	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	3.8	25	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	2.9	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	12	24	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	2.5	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.5	4.6	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	1.4	2.4	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.5	ug/m3
KAFB-106130-250	SV130-250-212	4/20/2021	N	0.79	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	2.9	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	3.7	24	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	2.8	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	12	23	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	2.4	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	4.5	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	1.4	2.3	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.4	ug/m3
KAFB-106130-350	SV130-350-212	4/20/2021	N	0.76	2.3	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	70	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	70	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	130	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	70	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	100	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	170	1100	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	170	1100	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	130	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	550	1100	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	110	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	68	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	100	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	66	210	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	100	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	64	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-212	4/20/2021	N	35	110	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	44	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	28	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	28	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	54	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	28	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	69	440	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	53	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	230	430	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	44	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	44	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	45	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	44	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	28	45	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	28	45	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	44	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	27	84	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	26	43	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	44	ug/m3
KAFB-106130-450	SV130-450-612	4/20/2021	FD	14	43	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	2.9	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.5	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.2	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	3.7	23	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	2.8	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	12	23	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	2.4	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	4.4	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.2	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-025	SV108-025-212	4/19/2021	N	0.75	2.3	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.7	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.7	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	3.3	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.7	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	4.2	27	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	3.2	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	14	26	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106108-050	SV108-050-212	4/19/2021	N	2.7	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.7	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	5.1	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.7	ug/m3
KAFB-106108-050	SV108-050-212	4/19/2021	N	0.86	2.6	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	130	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	240	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	130	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	310	2000	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	230	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	1000	1900	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	200	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	120	370	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	110	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	200	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	63	190	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	590	960	ug/m3
KAFB-106108-150	SV108-150-212	4/19/2021	N	630	1900	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	3100	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	3100	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	5900	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	3100	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4700	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	7600	48000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	5800	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	25000	48000	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	4900	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	3000	4900	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4700	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2900	9200	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4700	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	2800	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-250	SV108-250-212	4/19/2021	N	1600	4800	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	34	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	22	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	17	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	28	180	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	21	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	91	180	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	18	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	17	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	11	34	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	17	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	10	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	5.7	18	ug/m3
KAFB-106108-350	SV108-350-212	4/19/2021	N	38	110	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	26	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	26	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	50	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	26	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	39	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	64	410	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	48	77	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106108-350	SV108-350-612	4/19/2021	FD	210	400	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	41	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	39	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	25	77	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	39	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	24	40	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	41	ug/m3
KAFB-106108-350	SV108-350-612	4/19/2021	FD	13	40	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	3.1	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.4	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	3.9	25	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	3	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	13	25	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	2.6	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	4.8	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.4	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106108-450	SV108-450-212	4/19/2021	N	8.1	25	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.6	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.6	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	3	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.6	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	3.9	25	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	2.9	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	13	24	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	2.5	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.5	4.7	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	1.4	2.4	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-025	SV112-025-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	3.1	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	4	25	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	3	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	13	25	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	2.6	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	2.6	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	4.8	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.4	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-050	SV112-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	4.3	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106112-150	SV112-150-212	4/19/2021	N	2.8	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	3.5	23	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	2.7	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	11	22	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	2.3	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	1.3	2.2	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.3	ug/m3
KAFB-106112-150	SV112-150-212	4/19/2021	N	0.72	2.2	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.6	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.6	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	3	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.6	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	3.9	25	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	2.9	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	13	24	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	2.5	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.5	4.7	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	1.4	2.4	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.5	ug/m3
KAFB-106112-250	SV112-250-212	4/19/2021	N	0.79	2.4	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.5	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	2.8	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.5	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	3.6	23	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	2.7	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	12	22	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	2.3	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.4	4.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	1.3	2.2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.3	ug/m3
KAFB-106112-350	SV112-350-212	4/19/2021	N	0.74	2.2	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	1200	1900	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	1200	3700	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	1200	1900	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	310	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	590	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	310	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	470	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	760	4800	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	580	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	2500	4800	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	2500	4800	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	490	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	300	490	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	470	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	290	920	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	470	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	280	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-212	4/19/2021	N	160	480	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1100	1800	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1200	3400	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	1100	1800	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	450	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	290	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	560	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	290	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	710	4500	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	540	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	2300	4400	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	450	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	450	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	460	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	450	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	280	460	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	450	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	450	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	860	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	270	440	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	450	ug/m3
KAFB-106112-450	SV112-450-612	4/19/2021	FD	150	440	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.7	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.7	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	3.2	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.7	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106118-025	SV118-025-212	4/19/2021	N	4.1	26	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	3.1	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	13	26	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	2.7	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.7	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.6	5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.5	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	1.5	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-025	SV118-025-212	4/19/2021	N	0.85	2.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	3.1	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.6	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.4	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	3.9	25	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	3	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	13	25	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	2.6	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.6	2.6	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.4	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	4.8	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.4	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	1.5	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-050	SV118-050-212	4/19/2021	N	0.81	2.5	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	91	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	58	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	58	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	110	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	110	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	58	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	88	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	140	910	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	110	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	460	890	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	91	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	91	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	93	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	91	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	57	93	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	88	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	91	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	55	170	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	88	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	53	89	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	91	ug/m3
KAFB-106118-160	SV118-160-212	4/19/2021	N	29	89	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	610	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	610	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	1200	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	610	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	910	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	1500	9500	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	1100	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	4800	9300	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	970	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	590	970	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	910	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	570	1800	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	910	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	550	930	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	950	ug/m3
KAFB-106118-265	SV118-265-212	4/19/2021	N	300	930	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	190	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	190	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	370	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	190	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	290	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	480	3000	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	360	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	1500	3000	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	310	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	190	310	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	290	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	570	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	290	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	180	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106118-350	SV118-350-212	4/19/2021	N	97	300	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	23	44	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	51	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	33	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	33	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	63	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	33	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	81	510	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	61	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	260	500	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	51	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	51	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	52	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	51	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	32	52	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	49	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	51	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	31	97	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	49	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	30	50	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	51	ug/m3
KAFB-106118-450	SV118-450-212	4/19/2021	N	16	50	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	97	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	62	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	62	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	62	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	120	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	62	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	93	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	150	970	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	120	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	490	950	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	97	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	97	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	99	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	97	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	60	99	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	93	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	97	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106118-450	SV118-450-612	4/19/2021	FD	59	180	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	93	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	57	95	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	97	ug/m3
KAFB-106118-450	SV118-450-612	4/19/2021	FD	31	95	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.6	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.6	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	3.1	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.6	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	4	25	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	3	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	13	25	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	2.6	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.6	2.6	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	4.8	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.4	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-025	SV119-025-212	4/20/2021	N	0.81	2.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.6	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.6	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	3	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.6	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.3	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	3.8	24	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	2.9	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	12	24	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	2.5	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	2.5	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.5	4.6	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.3	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	1.4	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-050	SV119-050-212	4/20/2021	N	0.78	2.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.9	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.9	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	5.6	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.9	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	7.1	45	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	5.4	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	4.6	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.8	4.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	8.6	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	2.7	4.4	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.5	ug/m3
KAFB-106119-150	SV119-150-212	4/20/2021	N	1.5	4.4	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	82	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	82	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	160	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	82	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	200	1300	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	150	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	650	1200	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	130	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	130	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	130	240	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	130	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	79	130	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	130	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	77	240	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	74	120	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	130	ug/m3
KAFB-106139-250	SV139-250-212	5/19/2021	N	41	120	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.6	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.6	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.6	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	3.1	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.6	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.4	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	4	25	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	3	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	13	25	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	2.6	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.6	2.6	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.4	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	4.8	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.4	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	1.5	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-007	SV3-007-212a	6/24/2021	N	0.81	2.5	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.3	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.3	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	2.5	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.3	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	3.2	20	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	2.4	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	10	20	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	2.1	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.3	2.1	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	3.9	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	1.2	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-015	SV3-015-212a	6/24/2021	N	0.66	2	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	3300	ug/m3

Table C-3-2
Historical Soil Vapor Analytical Data from the Three Previous Sampling Events

well_location	sample_name	sample_date	sample_type_code	reporting_detection_limit/RDL/LOD[d]	quantitation_limit/LOQ/PQL[e]	detection_limit_unit
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	2100	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	2700	17000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	2100	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	8900	17000	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1800	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1800	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1100	3300	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	1000	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3
KAFB-106V3-272	SV3-272-212a	6/24/2021	N	560	1700	ug/m3

Appendix C-3
Footnotes to Tables C-3-1 and C-3-2

[a] Lab reports for Q2 2021 data are provided in Appendix D-2. Each report is bookmarked in the PDF using the lab report title referred to in this column.
[b] See individual lab reports for a description of lab qualifiers.
[c] The EPA MDL is equivalent to the DoD DL.
[d] The EPA RDL is equivalent to the DoD LOD.
[e] The EPA PQL is equivalent to the DoD LOQ.
[f] The project screening level equals the New Mexico Environment Department Vapor Intrusion Screening Level for Residential Soil Gas (2017).
< = less than
2Q2020 = second quarter, 2020
2Q2021 = second quarter, 2021
4Q2020 = fourth quarter, 2020
4Q2019 = fourth quarter, 2019
cas_rn = Chemical Abstract Service registry number
DL = detection lmit
DoD = Department of Defense
EPA = U.S. Environmental Protection Agency
FD = field duplicate
ft = foot/feet
GS = soil vapor
ID = identification
J = Qualifier denotes the analyte was positively identified, but the associated numerical value is estimated.
LOD = limit of detetion
LOQ = limit of quantitation
MDL = method detection limit
mg/m3 = milligrams per cubic meter
N (in "detect_flag" column) = no
N (in "fraction" column) = not applicable
N (in "sample_type_code" column)= normal
NS = not specificed
PQL = practical quantitation limit
Q2 = second quarter
RDL = report detection limit
U = Qualifier denotes the analyte was analyzed but not detected above the detection limit. The value associated with the U-qualifier is the LOD.
ug/m3 = micrograms per cubic meter
Y = yes